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

AGREEMENT FOR PROFESSIONAL SERVICES

RFQ 2017-048 (918-42, 918-89, 906-56)

WANTMAN GROUP, INC.

AGREEMENT
FOR
PROFESSIONAL SERVICES (CCNA)

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

THIS AGREEMENT is made and entered into this 31st day of August, 2017 (the "effective date"), by and between the **City of Delray Beach,** a Florida municipal corporation (hereinafter referred to as "City"), whose address is 100 NW 1st Avenue, Delray Beach, Florida, 33444, and **Wantman Group, Inc..,** a Florida corporation (hereinafter referred to as "Consultant"), whose principal address is 2035 Vista Parkway, West Palm Beach, Florida 33411.

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

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

ARTICLE 1. INCORPORATION OF REQUEST FOR QUALIFICATIONS

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

ARTICLE 2. SCOPE OF SERVICES

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

a. Category(s)

i. Engineering Services
ii. Surveying/Mapping Services
iii. Landscape Architectural Services

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

ARTICLE 3. COMPENSATION

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

ARTICLE 4. TERM

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

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

ARTICLE 5. TERMINATION

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

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

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

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

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

ARTICLE 7. ATTORNEY'S FEES

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

ARTICLE 8. MISCELLANEOUS PROVISIONS

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

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

With a copy to:
City of Delray Beach
200 NW 1st Avenue
Delray Beach, Florida 33444
Attn: City Attorney

As to the Consultant:

Wantman Group, Inc.
2035 Vista Parkway
West Palm Beach, Florida 33411
Attn: Michael L. Davis, Senior Vice President – Principal in Charge

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

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

i. Terms and conditions as contained in this Agreement.

ii. Terms and conditions of RFQ 2017-048.

iii. Consultant's response to RFQ 2017-048 and any subsequent information submitted by Consultant during the evaluation and negotiation process.

(The remainder of this page intentionally left blank)

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

CITY OF DELRAY BEACH, FLORIDA

By: _____
Cary D. Glickstein, Mayor

ATTEST:

By: _____
Katerri Johnson, City Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

By: _____
R. Max Lohman, City Attorney

CONSULTANT

By: _____
Michael L. Davis
Title: Senior Vice President

WITNESSES:

By: _____

Print Name: Brett Oldford

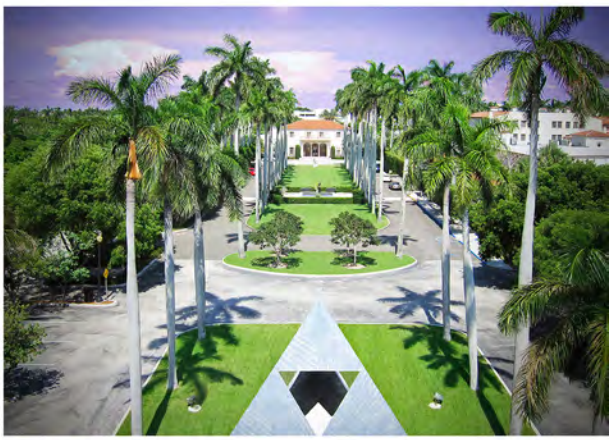
By: _____

Print Name: Thomas Mueller

EXHIBIT A

Continuing Engineering, Surveying, and Landscaping Architechtural Consulting Services (918-42, 918-89, 906-56)

RFQ No. 2017-048



WGI

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

TABLE OF CONTENTS

WGI

CHAPTER 1

LETTER OF INTENT
PROPOSAL SUBMITTAL SIGNATURE PAGE

May 30, 2017

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

RE: RFQ NO. 2017-048
Continuing Engineering, Surveying, and Landscaping Architectural Consulting Services (910-42, 918-89, 906-56)

Dear Selection Committee Members,

In a highly visible environment where municipal decisions are analyzed and scrutinized, it is imperative for municipal officials to have access to accurate information on a timely basis. **Wantman Group, Inc. (WGI)** has been supplying informed, technically accurate solutions to local municipalities for nearly a half of a century, specifically to the City of Delray Beach (City) for a decade, and is proud to submit this response to your request for qualifications for Continuing Engineering, Surveying and Landscape Architectural Consulting Services (RFQ). The professionals included in this RFQ response are very familiar with the City and are excited for the opportunity to assist in your on-going efforts to keep Delray Beach as the quintessential "Village by the Sea."

FIRM QUALIFICATIONS

Since our inception in 1972, **WGI** has a proven record of developing highly innovative solutions on infrastructure improvement projects for governmental and institutional clients throughout South Florida. **WGI** is a multi-disciplinary, full-service consulting firm that self performs a majority of the projects that fall within the scope of this continuing services contract, and will successfully deliver projects that exceed the expectations of the City and its residents. Specifically, **WGI** is prepared to serve the City in the following disciplines:

1. **Engineering**
2. **Surveying and Mapping**
3. **Landscaping Architectural Design Services**
4. **Civil**
6. **Structural**
7. **Transportation**
8. **Environmental/Natural Resources**
9. **Water Resources/Stormwater Management**
10. **Coastal and Marine Engineering**

The most highly trained and qualified project managers and staff members are assigned to this contract. These professionals are well qualified in providing the services anticipated and have extensive experience with many of the "outside" agencies that affect the City, including the Florida Department of Transportation, Palm Beach County Roadway Department, Lake Worth Drainage District, South Florida Water Management District, the Florida Department of Environmental Protection, and the Army Corps of Engineers.

KEY PERSONNEL

WGI has more than enough professional resources to ensure the successful completion of all Service Authorizations. To lead this effort, we have selected **Brett Oldford, PE** as the project manager responsible for all aspects of this contract.

Brett Oldford, PE, Project Manager
Brett.Oldford@WGInc.com
main.561.687.2220; c.561.254.7533; d.561.839.1715

Brett and the **WGI** discipline leads, each of whom have many years of local municipal experience in their areas of expertise, will be supported by a robust team of talented professionals, including a designated **QA/QC Manager, a Contract Manager, and multiple team members in each discipline.** In short, the **WGI** management team has the knowledge, experience and technical capability to successfully deliver services under this contract that match the budgetary and scheduling goals established by the City.

LOCAL EXPERIENCE

Many of our team members, including **Contract Manager Brian LaMotte, PE** and **QA/QC Manager Dick Hasko, PE** have lived and worked in the Palm Beach County area for years and are familiar with local construction industry design and permitting criteria. In addition, we currently hold similar contracts with municipalities, including the City, throughout South Florida and will bring this experience to bear on each and every task assignment. This familiarity will assist us in completing task assignments issued under this contract ahead of schedule and under budget.

COMMITMENT

The most important qualification **WGI** brings to the City is the commitment of the firm, at all levels, to develop successful deliverables; deliverables that are technically sound, on schedule and within budgetary guidelines. The depth of our team, with over 120 Palm Beach County-based registered civil, structural, water, wastewater and water resource engineers, utility coordinators, environmental scientists, and surveyors, will provide ample capacity to competently complete all assignments in a timely manner. Our commitment has been clearly demonstrated by **WGI's** superior service and professionalism over the years in providing sound professional engineering services on a continuing basis to the City of Delray Beach, as well as for numerous other municipalities in South Florida. As the **principal-in-charge** and a **WGI** officer, I provide the City with **WGI's** commitment of high quality professional services.

Thank you for the opportunity to submit this response for Continuing Engineering, Surveying, and Landscaping Architectural Consulting Services. We look forward to demonstrating our ability and unequivocal commitment while serving the City of Delray Beach.

Sincerely,

WGI

Michael L. Davis, Senior Vice President
Principal-in-Charge

Brett Oldford, PE
Project Manager

Form A - Proposal Submittal Signature Page

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

Firm Name: **Wantman Group, Inc.**

Street Address: **2035 Vista Parkway, West Palm Beach, FL 33411**

Mailing Address (if different from Street Address):

Telephone Number(s): **561.687.2220**

Fax Number(s): **561.687.1110**

Email Address: **Brett.Oldford@wginc.com**

Federal Identification Number: **65-0271367**

Acknowledged by:

Wantman Group, Inc.

Firm Name

Signature

May 17, 2017

Date

Michael L. Davis, Senior Vice President - Principal-in-Charge

Printed Name and Title

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

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

(Remainder of page intentionally left blank)

CHAPTER 2

PROPOSER'S STATEMENT OF ORGANIZATION, W-9

CHAPTER 2 - PROPOSER'S STATEMENT OF ORGANIZATION

A. Legal contracting name including any dba.
- Wantman Group, Inc.

B. State of organization or incorporation.
- Florida

C. Ownership structure of Proposer's company.
(e.g., Sole Proprietorship, Partnership, Limited Liability Corporation, Corporation)
- Corporation

D. Provide a completed W-9
- Please see completed W-9 at the end of this section.

E. Contact information for Proposer's Corporate headquarters.

2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

F. Contact information for Proposer's Local office (if any).

2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

G. Contact information for Proposer's Primary representative during this RFQ process.

Brian LaMotte, PE
561.687.2220
Brian.LaMotte@wginc.com
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

H. Contact information for Proposer's Secondary representative during this RFQ process.

Brett Oldford, PE
561.687.2220
Brett.Oldford@wginc.com
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

I. List of officers, owners and/or partners, or managers of the firm. Include names, addresses, and phone numbers.

David Wantman, PE, President
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

Joel Wantman, PE, Chairman of the Board
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

Robin Petzold, PSM, Executive Vice President
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

Brian Rheault, PE, Structures Project Principal
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

Michael Davis, Senior Vice President
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

Nancy Clements, PE, Senior Vice President - Transportation
2910 Maguire Road, Suite 2008
Ocoee, Florida 34761
407.581.1221

Brian LaMotte, PE, Vice President - Chief Marketing Officer
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

Mario Echagarrua, PE, Chief Operating Officer
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

Andrea Bohr, CPA, Chief Financial Officer
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

Kate Fontaine, Corporate Director
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

Ira Wolf, Information Technology Director
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

Cindy Sachnoff, Human Resources Director
2035 Vista Parkway
West Palm Beach, Florida 33411
561.687.2220

J. Briefly summarize any current or pending litigation in which Proposer is a party to.

CASE	SUMMARY	STATUS
Genovese v. FDOT, et al.	Traffic accident on I-95 with a request for discovery from WGI	In Discovery
5700 N. Ocean Condominiums v. Catalfulmo Construction, et al.	Condo association filed suit against the developer and contractor for building related deficiencies with a request for discovery from WGI	In Discovery
Astaphan v. Ranger Construction, Bob's Barricades, WGI, et al.	Traffic accident on 1-95	In Discovery

M. Provide details of any ownership changes to Proposer's organization in the past three years or changes anticipated within six months of the Due Date and Time (e.g. mergers, acquisitions, changes in executive leadership).

In August of 2014, WGI acquired Land Design South, Inc., one of the largest and most highly respected planning and landscape architecture firms in South Florida, and created WGI's Land Design Services Division. In addition, to supplement WGI's Structural Division, WGI acquired Bridge Design and Associates, one of the leading structural firms in Florida, in July of 2015.

In the next six months, we do not anticipate any mergers or changes in executive leadership.

We are currently in negotiations to acquire two firms in the next six months. Due to the nature and confidentiality of this negotiation, we cannot disclose further information. However, these acquisitions will add to the numerous services we currently provide to our clients.

W-9

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

Request for Taxpayer Identification Number and Certification

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

Print or type See Specific Instructions on page 2.

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

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

3 Check appropriate box for federal tax classification; check only **one** of the following seven boxes:
☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☑ S Corporation ☐ Partnership ☐ Trust/estate
☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶
Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.
☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
Exempt payee code (if any) 5
Exemption from FATCA reporting code (if any)
(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.)
2034 Vista Parkway

Requester's name and address (optional)

6 City, state, and ZIP code
West Palm Beach, FL 33411

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

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

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

Social security number
			–			–				

or

Employer identification number
6	5	–	0	2	7	1	3	6	7

Part II Certification

Under penalties of perjury, I certify that:

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

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

Sign Here Signature of U.S. person ▶ Michael L. Davis Date ▶ April 27, 2017

General Instructions

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

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

Purpose of Form

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

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

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

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

By signing the filled-out form, you:

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

CHAPTER 3

MINIMUM QUALIFICATIONS DOCUMENTATION

CHAPTER 3 - MINIMUM QUALIFICATIONS

A. Registered with the State of Florida

- No documentation is required.

B. In business for a minimum of twenty-four months prior to the Due Date and Time.

State of Florida
Department of State

I certify from the records of this office that WANTMAN GROUP, INC. is a corporation organized under the laws of the State of Florida, filed on July 12, 1991.

The document number of this corporation is S66593.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on January 9, 2017, and that its status is active.

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

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

Ken Detzner

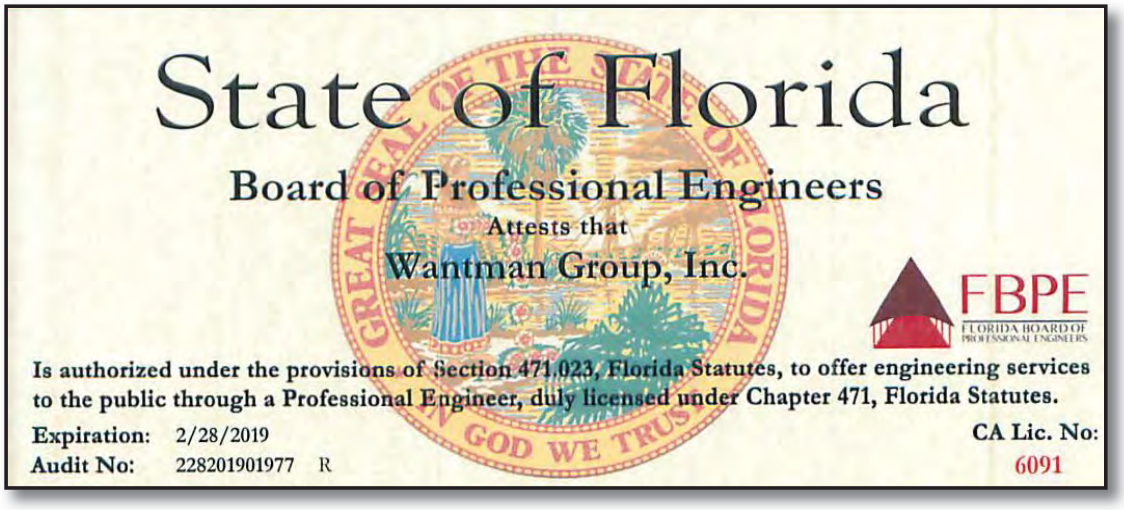
Secretary of State

Tracking Number: CC7361784109

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

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

C. Licensed by the Florida Department of Business & Professional Regulation as an engineering firm, surveying firm and landscape architectural firm.



State of Florida

Board of Professional Engineers

Attests that

Wantman Group, Inc.

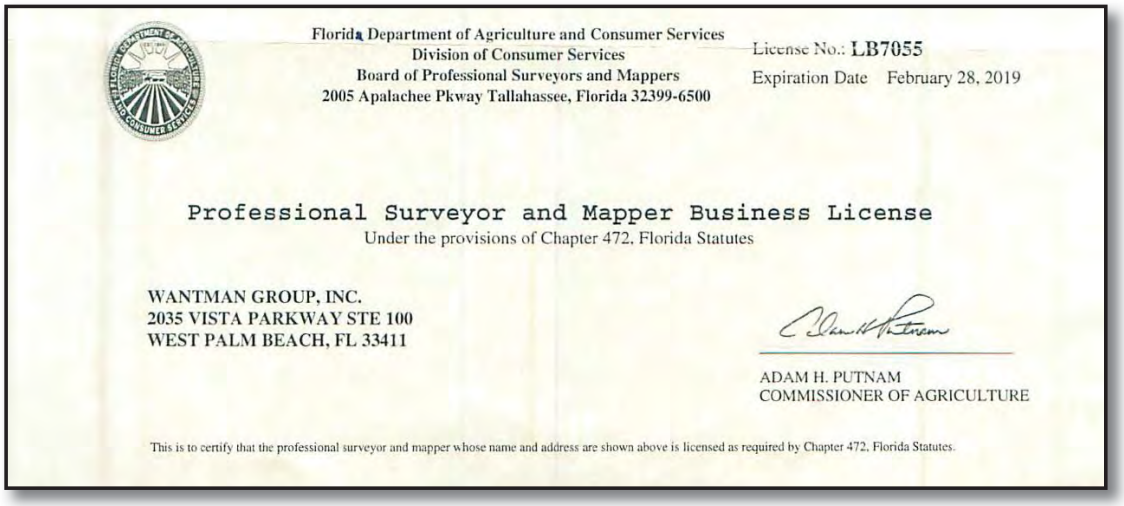
FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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

Expiration: 2/28/2019

Audit No: 228201901977 R

CA Lic. No: 6091



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.: LB7055
Expiration Date February 28, 2019

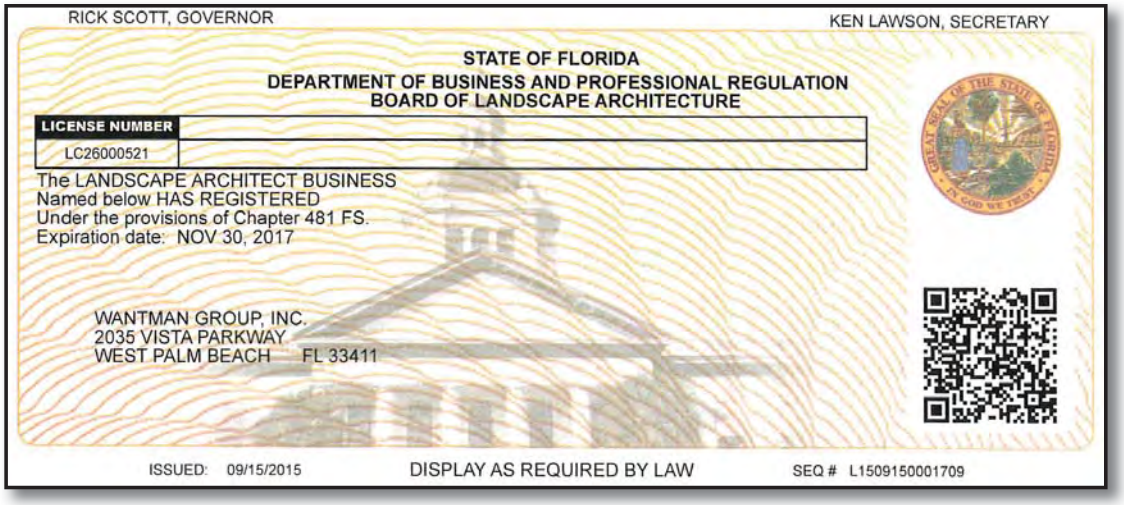
Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

WANTMAN GROUP, INC.
2035 VISTA PARKWAY STE 100
WEST PALM BEACH, FL 33411

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.



RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE

LICENSE NUMBER
LC26000521

The LANDSCAPE ARCHITECT BUSINESS
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2017

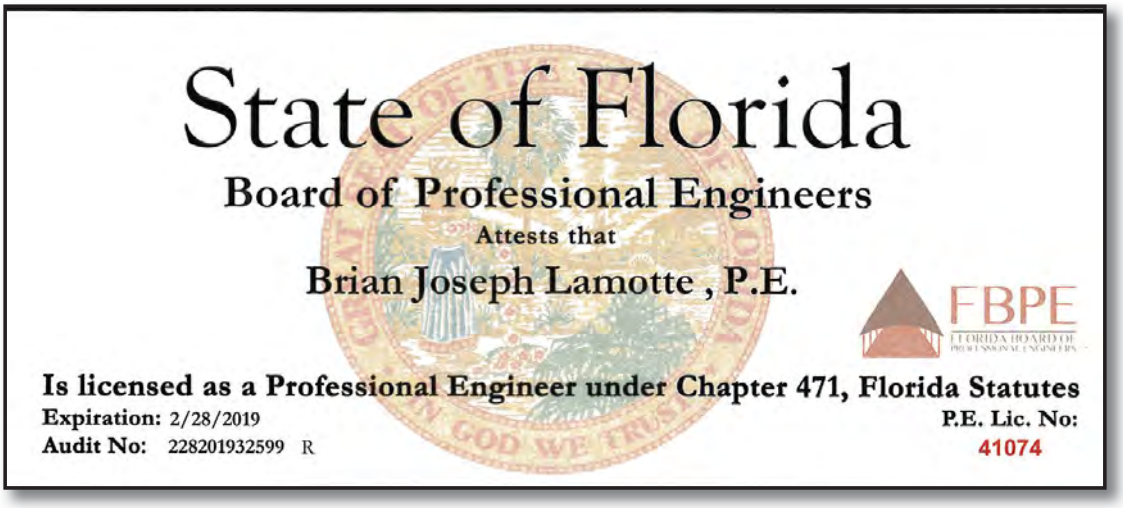
WANTMAN GROUP, INC.
2035 VISTA PARKWAY
WEST PALM BEACH FL 33411

ISSUED: 09/15/2015

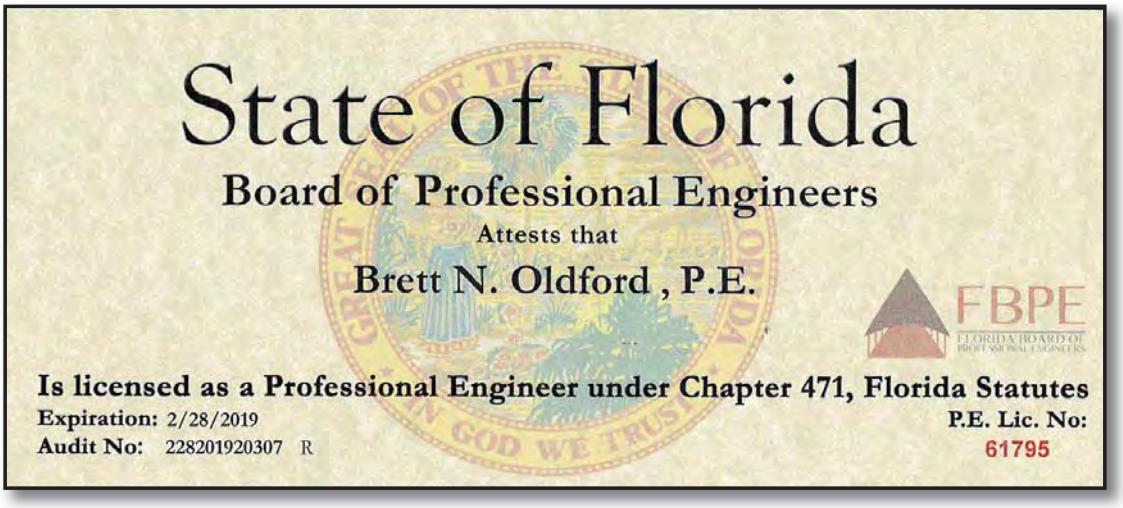
DISPLAY AS REQUIRED BY LAW

SEQ # L1509150001709

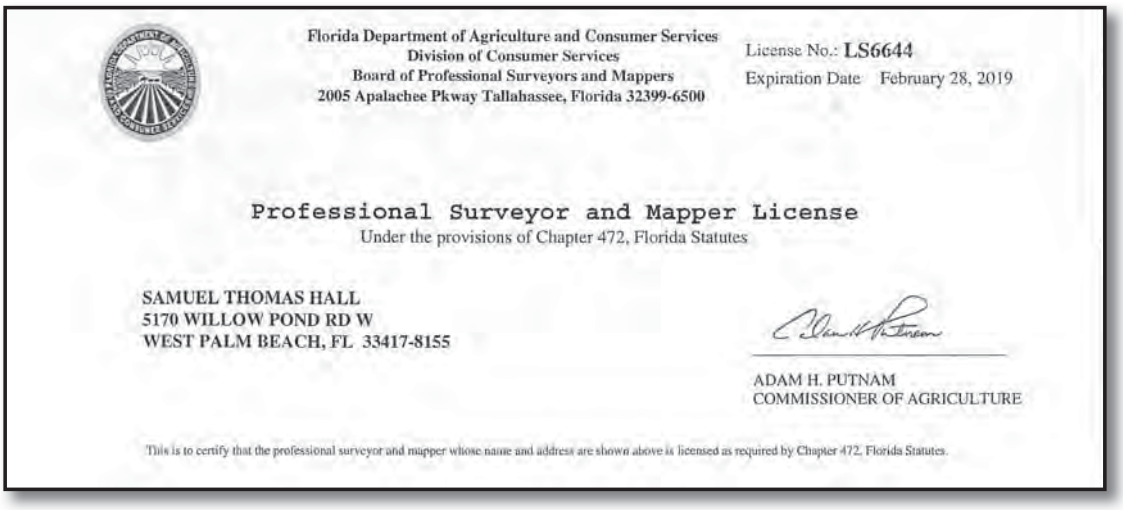
D. Minimum of two employees who possesses a current, valid Florida license in engineering, surveying and landscape architecture.



State of Florida
Board of Professional Engineers
Attests that
Brian Joseph Lamotte , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201932599 R
P.E. Lic. No:
41074



State of Florida
Board of Professional Engineers
Attests that
Brett N. Oldford , P.E.
FBPE
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201920307 R
P.E. Lic. No:
61795



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.: LS6644
Expiration Date February 28, 2019

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

SAMUEL THOMAS HALL
5170 WILLOW POND RD W
WEST PALM BEACH, FL 33417-8155

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.

***** WGI and our subconsultants have additional licenses available. Please see resumes for applicable licenses.**

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.: LS6717
Expiration Date: February 28, 2019

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

ERIC R MATTHEWS
490 SW RYDER RD
PORT ST LUCIE, FL 34953-7825

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.

RICK SCOTT, GOVERNOR — KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE

LICENSE NUMBER
LA6667128

The LANDSCAPE ARCHITECT
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2017

MIHALOVITS, JASON LEE
11310 WOODCHUCK LN
BOCA RATON FL 33428

ISSUED: 09/17/2015 DISPLAY AS REQUIRED BY LAW SEQ # L1509170001489

RICK SCOTT, GOVERNOR — KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE

LICENSE NUMBER
LA6666787

The LANDSCAPE ARCHITECT
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2017

BIAGI, ANGELA M
610 CLEMATIS STREET
APT 310
WEST PALM BEACH FL 33401

ISSUED: 11/11/2015 DISPLAY AS REQUIRED BY LAW SEQ # L1511110002453

vii. Has no reported conflict of interests in relation to this RFQ.

WGI does not have an officer, director, or agent who is also an employee of the City of Delray Beach.

WGI does not employ any City of Delray Beach employees who own, directly or indirectly, any interest in the firm or any of its branches. WGI certifies there are no conflicts of interest present.

Certified by:

Michael L. Davis
Senior Vice President
Principal-in-Charge

CHAPTER 4

PROPOSAL RESPONSE REQUIREMENTS INFORMATION

Tab 1: Engineering

Chapter 4 PROPOSAL RESPONSE REQUIREMENTS
1 - Engineering

A. EXPERIENCE

i. Identify each Professional Service discipline and/or sub-discipline in which Proposer wishes to be considered for award of an Agreement.

WGI wishes to be considered for the following disciplines:

(1) Engineering
(2) Surveying and Mapping
(3) Landscaping architectural design services
(4) Civil
(6) Structural
(7) Transportation
(8) Environmental / Natural Resources
(9) Water Resources/Stormwater Management (includes stormwater, potable water, reuse water, conveyance, supply, transmission, treatment, storage)
(10) Coastal and Marine Engineering

ii. Detailed narrative description documenting Proposer's overall Professional Services background and experience in each Professional Service discipline or sub-discipline in which Proposer wishes to be considered for award of an Agreement as follows:

a. Experience in the following:

(1) Engineering

WGI is a Florida consulting firm founded in 1972 to provide a comprehensive range of infrastructure services for both, public and private clients, including **Civil Engineering, Water Resources, Surveying and Mapping, Subsurface Utility Engineering, Land Planning, Environmental Sciences, Structural Engineering, Transportation Engineering, Architecture, Landscape Architecture, Construction Management, and Creative Services.** We have a long history of providing these services for projects and continuing contracts for a multitude of agencies and municipalities throughout Florida. **WGI's** corporate office is located in West Palm Beach with branch offices in Port St. Lucie, Orlando, Tampa, Tallahassee, Fort Lauderdale, Miami and Jacksonville.

WGI currently employs over 300 highly skilled and experienced professionals. With our depth of staff, we are able to choose the most qualified personnel for each project ensuring that the City of Delray Beach will receive the most competent and efficient service available. These staff members are knowledgeable and experienced in all aspects of engineering design, entitlements, permitting and construction of all types of municipal infrastructure improvements. They are familiar with the municipal, county and state requirements for the design and permitting of these improvements and facilities. Knowing the rules and regulations is imperative in expediting the design, permitting and construction of improvements, and in keeping them on schedule. In addition, **WGI** remains on the leading edge of design and delivery technology offering innovative and economical solutions to fulfill our clients' needs. State-of-the-art equipment and advanced training ensures our clients receive the highest quality services. Following is a description of the services relevant to the City of Delray Beach continuing services contract:

CIVIL ENGINEERING - **WGI** provides a comprehensive range of civil engineering services, allowing us to meet a client's every need, even when unexpected challenges occur. We work to fully understand our client's goals and then develop innovative solutions and identify potential cost savings to further those goals. To create the most cost-efficient plan, our team works closely with all stakeholders to avoid surprises throughout the process. Using our extensive experience, and by paying attention to the smallest details, we develop comprehensive plans that meet the needs of our clients and our communities. Because **WGI** is involved in every phase of a project, we are able to seamlessly coordinate and expedite every step along the way.

- Conceptual and Final Engineering Design
- Stormwater Management Design

- Local and Arterial Roadway Design
- Public Water System Design
- Roadway Resurfacing and Repair
- Sanitary Sewer Collection System Design
- Site Paving, Grading and Drainage Design
- Reclaimed Water Distribution Design
- Site Development (sidewalks, parking lots, etc.)
- Site Plans
- Streetscape Design
- Facilities Design
- Park and Recreational Design
- Securing Project Permits
- Construction Inspections
- Budgeting and Cost Estimating
- Plan/Peer Reviews
- Grant Funding Coordination & Assistance
- Feasibility Studies
- Local Agency Program (LAP) Coordination
- Bidding Assistance
- Certification Coordination

Transportation Engineering: Transportation design is more than its basic components; it must take into account aesthetics, long-term maintenance and repair, safety, and how roadways safely "fit" within the surrounding right-of-ways. **WGI's** Transportation Division is experienced in all aspects of roadway and transportation engineering design from complex interstate highways to local street designs for governmental, institutional, and private clients. One of our specialties is the design of complex highway design with multiple lanes and complex intersections requiring a "big picture" approach to traffic control, pedestrian and bicycle traffic, geometrical layouts, drainage and utility impacts, and overall constructability considerations. We will utilize this experience and apply it to the intersection and roadway design projects issued under this continuing contract. We have been lead coordinator for several LAP and UWHC projects for municipalities in FDOT District 4 and will be able to assist the City with the coordination and management of these programs.

Signal Design: WGI has designed signal improvements on hundreds of intersections in Florida for FDOT, counties, and cities alike. We fully understand the importance of maintaining the optimal efficiency of operations within a network of traffic signals. In addition, we strive to help maintaining agencies implement the latest technologies available to enhance operations and improve safety, such as 'Advanced Dilemma-Zone Detection Systems' and use of video imaging. In addition to full signal designs, we also have the experienced engineers to design and analyze retrofits to mast arms to effectively reduce the cost of signal modifications that result in the widening or the addition of turn lanes to an existing intersection condition.

FDOT Qualifications: WGI is pre-qualified with the Florida Department of Transportation (FDOT) in the following categories:

2.0 (PD&E Studies); 3.1, 3.2, and 3.3 (Minor/Major/Complex Highway Design); 4.1.1, 4.1.2, 4.2.2 (Miscellaneous Structures/Minor Bridge Design/Major Bridge Design - Steel); 5.4 (Bridge Load Rating); 6.1, 6.2, 6.3.1 (Traffic Engineering/Signal Timing/ITS); 7.1, 7.2, 7.3 (Signing & Pavement Marking/Lighting/Signalization); 8.1, 8.2, 8.4 (Survey Control/Design, Right-of-Way, Construction/Right-of-Way Mapping); 10.1 (Construction Engineering Inspections); 13.3, 13.4, 13.5, 13.6, 13.7 (Land Planning); 14.0 (Architect); 15.0 (Landscape Architect). With this expertise, we will be able to provide in-depth and comprehensive designs that will meet all requirements for safety, quality, end-user needs, and overall functionality.

Local Agency Program (LAP): Through our continuing services contract with several municipalities throughout South Florida, **WGI** has provided Local Agency Program (LAP) assistance for projects including the reconstruction of several local roadway segments in the City of Delray Beach. These projects included intersection improvements,

ADA compliance, designated bike lanes, landscaping, lighting and roadway resurfacing, and for the Village of Wellington's Flying Cow Road, a multi-use path. Several of our local **WGI** engineers are certified with the FDOT to provide LAP services and were able to assist these municipalities with the Cultural Resource Assessment Survey (CRAS), the Environmental Backup Memorandum, and the multitude of forms and documentation required to obtain and maintain the LAP funding.

The LAP process is very involved and includes several iterations of checklists that must be completed at each phase of the project. These checklists ensure that the project is progressing in compliance with the federal regulations. We fully understand that schedule adherence is crucial throughout all phases of the project. **WGI** recently assisted the City of Pahokee with three Small County Outreach Programs (SCOP) grants for roadway resurfacing and roadway reconstruction projects ($1.7M) within the last year. SCOP funding is similar to LAP funded projects in that they both require strict adherence to schedules, budgets and reporting.

Transportation Planning: WGI works on a daily basis with transportation planning and engineering issues related to Comprehensive Plans, Unified Land Development Codes (ULDC), Developments of Regional Impact (DRI), large scale and small scale comprehensive plan amendments, Land Use Plan amendments, re-zonings, variances, conditional uses, annexations, platting processes, site plan designs and review of local and state transportation policies. We have the advantage of working with local governments on these types of projects, either as a consultant or as an applicant, from Jacksonville to the Florida Keys. Our firm has a vast working knowledge of local jurisdictional requirements and procedures pertaining to concurrency review and analysis.

Working together, our team of planners and engineers has developed comprehensive land development and transportation solutions for our clients. We propose a comprehensive approach utilizing the engineers, planners, and designers, who will provide a practical and cost-effective solution, meeting the needs and requirements of the City. **WGI** currently has operating licenses for the latest transportation software required to perform any task, including ArcGIS, FSUTMS/Cube, HCS and Synchro.

WATER RESOURCES - **WGI's** understanding of the natural systems affecting Florida's ground and surface water is second to none. We provide engineering solutions that deliver, conserve, and manage water resources cost-efficiently and sustainably. Our highly qualified team addresses complex stormwater quantity and quality, water supply and storage, sedimentation, drainage, and flood control issues. Our Certified Floodplain Managers (CFM) provide floodplain management from simple map revisions to complex floodplain modeling including bridges, culverts, and 1-D and 2-D modeling. We are well versed in the latest models and design techniques to ensure cost-effective design solutions for our clients. **WGI** professionals, with proven expertise in environmental regulatory processes and a sound understanding of the natural systems affecting ground and surface water, deliver quality projects within the confines of regulatory budgetary and permitting constraints.

- Roadway drainage
- Bridge, culvert, and canal hydraulic analysis and design
- Master, Regional and Joint-Use Stormwater
- Management Plans and designs
- Stormwater Quality Treatment System, NPDES, and TMDL design and permitting
- Design of canals, channels, storm sewers, pumps, and retention/detention facilities
- Stream restoration watershed, channel, and stream bank stability studies
- Hydrologic and hydraulic modeling
- Wetland hydroperiod analysis
- Watershed master planning, evaluation and restoration
- Floodplain and floodway engineering
- FEMA planning, mapping, post flood assessments, FIS's, PMR's, CLOMR's, and LOMR's
  Floodway encroachment analysis for FEMA flood insurance studies
- Best Management Practice designs
- Municipal, state, regional, and federal permitting
- Riverine and tidal flood studies, including no rise certifications
- Specifications and construction management

SURVEYING & MAPPING - Successful design and construction projects of all types begin with an accurate survey. By using the latest techniques and preparing our associates with the best training, **WGI** delivers accurate data from the start. We are leading the way with new technology and tailor our services for every project to make it successful and cost-effective. Rather than limiting our services to real-time Global Positioning Systems (GPS), we take GPS a step further, employing static and rapid-static post-processing for the most accurate solutions. Whether performing a simple boundary survey or using the latest in mobile LiDAR technology, employing a cutting-edge approach minimizes human error. By leveraging the latest technology, **WGI** helps our clients achieve their goals quickly and with the greatest degree of accuracy possible.

- Terrestrial Mobile LiDAR
- Boundary and real estate surveys
- Surveys for planning and engineering design
- Unmanned Aerial Vehicle (UAV) imaging and mapping services
- Construction and heavy infrastructure support
- Hydrographic surveys
- Geographic Information Systems (GIS)
- Building Information Management (BIM)
- 2D and 3D utility mapping services
- High Definition 3D laser scanning

UTILITY LOCATION AND COORDINATION - A project's success requires a vital understanding of how existing utilities affect its schedule and budget. **WGI**'s close relationships with many utility agencies produce accurate record data that ultimately keeps projects moving forward. Because record drawings are sometimes unreliable, a project designed without precise utility locations could be substantially delayed. With **WGI's** full range of Subsurface Utility Engineering (SUE) services, delays and unexpected additional costs are avoided. Effective utility locating and coordination requires innovation, experience, and a team approach. **WGI** owns and operates cutting-edge, air/vacuum excavation and ground-penetrating radar systems. We perform "soft digs" around existing utilities to confirm both horizontal and vertical location. Additionally, SUE services encompass a wide range of activities to help facilitate the progress of a project. Armed with this information, we design projects that minimize utility relocations, ensure safe work sites, and prevent damage to utilities while controlling costs and schedule.

UTILITY LOCATING

- Subsurface Utility Engineering (SUE)
- Utility designation surveys
- Vacuum excavation services
- Ground Penetrating Radar (GPR)
- Interior and concrete radar mapping

UTILITY COORDINATION

- Utility records research
- Identification of property rights
- Utility conflict matrix and impact analysis
- Utility conflict resolution
- Relocation design

STRUCTURAL ENGINEERING - **WGI's** Structures Division is experienced in all aspects of structural engineering services from complex interstate highway bridge structures to minor structures for governmental, institutional, and private clients. In addition to transportation-related design, we also provide structural design for buildings, drainage control structures, wastewater and stormwater pump stations, seawalls, ocean piers, cell towers, traffic signals, and sign structures.

- New bridge design
- Bridge repair and rehabilitation
- Bridge evaluation and inspection
- Pedestrian bridges and walkways
- Seawalls
- Piers
- Boat ramps
- Water control structures
- Pump stations
- Mast arms
- Vertical construction
- Overhead sign structures

ENVIRONMENTAL SERVICES - **WGI's** environmental scientists stay abreast of all regulatory changes and provide our clients with insight and creative solutions by utilizing crucial regional knowledge developed over years of "on the ground" and agency experience. Projects can be affected by many environmental issues including wetlands, protected habitat, threatened and endangered species, water quality, historical and archaeological resources, and contamination. WGI is experienced at addressing regulatory issues and with developing creative design options to avoid or minimize impacts and delays.

- Phase 1 and 2 Environmental Site Assessments
- Construction inspection and monitoring
- Contamination assessments
- Environmental Impact Statements
- Erosion control
- NEPA/NPDES compliance
- Trees/wildlife/seagrass/coral surveys
- Threatened and endangered species relocation
- Wetland delineation and permitting
- Vegetation removal permitting
- Water resources planning
- Water use permitting

PLANNING - Our planners create clear and responsible development strategies through policy and design to bring our clients' visions to life. Planning is a balancing act between the physical, cultural, historical, and economic impacts to a community. **WGI's** Planners have the expertise and creativity to manage these often divergent interests and create comprehensive solutions. With a multidisciplinary approach, we can assist at all levels of the project from visioning, research and analysis to design, project management, and implementation. Our services include:

- Community & regional planning
- Master planning
- Site planning
- Urban design and redevelopment
- Government & municipal planning
- Land use and zoning representation
- Park and recreation planning
- Community charrettes
- Transportation planning
- Conceptual designs

LANDSCAPE ARCHITECTURE - Our goal is to create a unique sense of place that combines nature, culture, and architecture with the careful stewardship, wise planning and artful design of our natural environment. From initial concept through design development and construction, our diverse and talented landscape architects work diligently to navigate projects through the design and approval process in the most efficient and budget-conscious manner. Our design services include:

- Landscape
- Hardscape
- Signage
- Xeriscape
- Streetscape
- Lighting
- Irrigation
- Entry and amenity areas
- Boardwalks
- Park
- Facilities

CONSTRUCTION PHASE SERVICES

Bid Phase: WGI will prepare the bid document package while working closely with City staff to incorporate the latest front-end documents and other provisions of the project. Bid review and analysis will be performed

methodically and documented in order to comply with City regulations and other legalities of public bids. Results will be provided in a clear format with interview and support documentation so that the City will understand the logic in WGI's recommendation. The recommendation process involves interviewing contractors' references, verifying bid quantities and cost, and recommendation reports. We have provided these services for the majority of our public projects. Our current knowledge of the latest value engineering methods and specific costs allows us to make informed recommendations.

Services During Construction and Delivery: WGI will provide qualified personnel, inspectors and/or a full-service resident engineer, to perform detailed inspections or general observations to ensure a quality product and efficient process. Communication and documentation are critical to the City's project's success. **WGI** inspection personnel constantly communicate with our engineers, and prepare detailed daily work, quantity and technical inspection reports as needed throughout the construction phase of the project. This enables a quick turnaround of payment applications and other requests that arise during aggressive construction schedules.

Contract Administration: The **WGI** Team has been providing construction management and observation services for over 40 years. We believe the firm's successful history over this extended period of time demonstrates our commitment to excellence in the performance of these services. **WGI's** contract administration services begin prior to breaking ground with constructability reviews to ensure that a project can be built economically and as planned. The project submittals and shop drawing review process is diligently executed and accurately managed to ensure the procedures and materials meet the contract requirements. **WGI's** field engineers work closely with the owner and permitting agencies to verify the work is performed according to the contract plans, details, and specifications. During construction, and upon completion, we review record drawings prepared by the contractor, or prepare them ourselves, to verify the completed work is documented accurately. Finally, we prepare final project documents and submit certifications to the City and permitting agencies. Either as an extension of design services or as the City's representative, WGI works to ensure the success of each project.

Permitting: WGI has extensive experience working with local permitting agencies from small municipalities and counties to FDOT District 4 and South Florida Water Management District. Due to the depth of our team and years of experience, we feel confident that we will be able to effectively, and in a timely and cost-effective manner, secure all necessary permits. We pride ourselves on staying current with permitting agency rules and regulations and have established sound professional relationships with key decision-making personnel in all of these agencies. Our key staff members have secured permits from the SFWMD, FDEP and local drainage districts for numerous and diversified projects in Florida.

SUSTAINABLE BUSINESS PRACTICES AND COMMITMENT TO CONSERVATION

WGI has 7 LEED accredited professionals and is at the forefront of the Sustainable Sites Initiative. We understand the importance of sustainable and green initiatives and have experience providing LEED-based design services to our clients. For example, WGI provided design services for the first LEED certified school in Palm Beach County, Pine Jog Elementary School. Additionally, we are currently designing and providing LEED commissioning assistance for a high tech office building in Palm Beach County.

b. Experience in other related services that complement the above referenced Professional Services.

SUBSURFACE UTILITY ENGINEERING (SUE)

With over 30 years of experience, **SUE Division Manager Erik Brueningsen, PE**, proficiently manages any utility locating or utility coordination task that may arise. The prime objective of any utility locating assignment is a well-documented, high quality deliverable completed on time and within budget. In this regard, **WGI's** approach to utility locating focuses on providing solutions to your utility concerns; not simply obtaining location coordinates. Each assignment is viewed individually to determine the best approach, in light of the overall project objective, so as to achieve a cost-effective and quality driven deliverable. Using the most current technology available and a "best practices" approach, our associates are trained to provide Quality Level investigations per the ASCE and FDOT current guidelines. Our in-house tools and extensive field experience are not the end of our investigations; our excellent relationships with area Utility Agency Owners (UAOs) serve to expedite requests for available records, permits and as-builts to supplement all field investigations. This leads to the highest possible likelihood that all facilities will be identified and located, then correlated to their respective owners. With three

"Vac" trucks, a full range of professional utility support services, and experienced personnel highly trained in surveying and mapping, Ground Penetrating Radar (GPR), vacuum excavation, high-definition laser scanning, Global Positioning Systems (GPS), Geographic Information Systems (GIS) and Computer Aided Design (CAD), **WGI** provides comprehensive services that are second to none.

UTILITY COORDINATION

WGI understands that effective utility coordination play a critical role in the successful completion of any project. **Robert Lowen**, 42 years of service for AT&T, and **Alan Boaz**, 33 years of service for FPL, provide a depth of resources and contacts that are unmatched in the industry. Our coordination efforts begin by completing a Sunshine State One Call of Florida (SSOCOF) design ticket, used to identify participating UAOs that have existing or potential interests within the project limits. We recognize that not every UAO is an active member of SSOCOF; therefore, we seek out other UAOs through points of contact with participating UAOs, the existing **WGI** Utility Database, **WGI's** history with ongoing and completed projects, and other available sources. Research will be conducted to obtain all executed utility work schedules, utility records or utility as-built prints, as well as all plans for other proposed improvements. All utility information collected from the UAOs and our own field investigation will be incorporated into project plans for identification and avoidance of utility conflicts.

An important aspect of utility certification is the complete documentation of the utility process and the deliverables. In every case, all final documents must be clear and concise without need for additional clarification. Emphasis is placed on utility conflict avoidance, an area in which we excel. Our roadway, utility design and construction experience, combined with our design-build problem solving, provides unique insight into the art and science of utility conflict identification and innovative design resolution.

The objective of this contract is to serve the City on a wide range of utility location and utility coordination assignments of varying complexity. The WGI Team was assembled for exactly this purpose. Schedule is paramount, immediate response is a priority, and providing the depth of resources to handle multiple simultaneous assignments is critical in ensuring that assignments are handled on time and within budget.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has diverse viewpoints and concerns on issues pertaining to their specific neighborhood needs. When the public is involved in the decision-making process, such input has a real potential to positively shape the final set of actions and outcomes. Equally important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Successful public participation activities are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. To that end, it is critical that all involved have a clear understanding of the project's goals, objectives and strategies.

WGI's planners and designers have in-depth experience with redevelopment activities that involve removing the social barriers implanted by the corridors within a community. An example of this local understanding is shared by **Jennifer Hofmeister, AICP, WGI's** public outreach coordinator and director of public planning. While a neighborhood planner for the City of Delray Beach, Jennifer was educated on the historical significance of Swinton Avenue during and post segregation. She was an advocate for the African-American neighborhoods, with regular attendance at neighborhood meetings, and worked alongside the residents in developing neighborhood plans and implementing neighborhood improvement projects. Similarly, Jennifer was the former project manager for the Pleasant City neighborhood and the Northwood District in the City of West Palm Beach. During her tenure with the West Palm Beach CRA, she served as the medium between the community and the CRA where she implemented programs to revitalize the area and redesign physical elements that represented social barriers within the community.

Jennifer currently oversees a four-year, $40M road program in the City of Lake Worth. As Lake Worth's Public Involvement Coordinator, she has developed an extensive Public Involvement Plan that serves as a guide for ongoing public participation throughout the design and construction of the road program. **WGI** developed and

maintains a multi-lingual interactive website and hotline for the City of Lake Worth offering residents a point of contact and serving as an information center for public inquiry. The Coordinator role maintains consistency, cohesiveness, and collaboration among City staff and consultants, resulting in the most effective public outreach and engagement process possible.

Additionally, **WGI** has been retained by the Westgate CRA to conduct a Westgate Corridor Streetscape Study, funded by the Florida Department of Economic Opportunity (FDEO). The Study will guide the development of a streetscape plan to improve walkability and other multi-modal transportation opportunities. Simultaneously, the goal of the plan is to beautify and enhance the area to attract new investment and promote economic development opportunities. As mentioned, a critical component to the success of any public project is participation from those most affected. For this effort, the public participation process incorporated a two-part planning design charrette that provided a forum for ideas and offered the unique advantage of giving immediate feedback to the **WGI** planners and designers. More importantly, it allowed everyone who participated to take part in authoring the plan.

Finally, **WGI** public outreach efforts include a citizen-driven "Complete Streets" project for one of West Palm Beach's premier gateways, Banyan Boulevard, in the downtown. The Banyan Boulevard Improvement Project is more than a physical redesign of a West Palm Beach downtown corridor. If properly executed, the project has the power to unite, physically and socially, historically significant West Palm Beach neighborhoods and business districts, and the people who reside and work within them. With that historical insight, the **WGI** Team approach is to bring our passion and expertise out to the community and, through the eyes of the residents, uncover a new gateway to the heart of the downtown.

c. WGI's awards, certifications, or other recognition received by Proposer relative to work on projects in the designated Professional Services.

WGI has won several engineering awards for both traditional design-bid-build projects as well as design-build projects. We pride ourselves on the accomplishments we have made in the design of our clients' projects.

Listed below are awards WGI has won in the past three years:

- ✓ 2014 Engineer's Council Distinguished Engineering Project Achievement Award – Big John Monahan
- ✓ 2014 Zweig White Hot Firm – A Top 100 Firm (#41)
- ✓ 2014 Zweig White "Best Firms to Work For" Award
- ✓ South Florida Business Journal – Top 25 Engineering Firms #6 (June 2014) (# of PEs)
- ✓ 2014 Inc. 500/5000 List - #3767
- ✓ 2014 DBIA Florida Project of the Year Award – Big John Monahan Bridge Replacement Design-Build
- ✓ 2014 DBIA Florida Best Overall Design-Build Project of the Year – Big John Monahan Bridge Replacement
- ✓ 2015 ACEC National Recognition Award – Big John Monahan Bridge Replacement
- ✓ 2015 Florida Institute of Consulting Engineers Grand Award – Big John Monahan Bridge Replacement
- ✓ 2015 ENR Top 500 Design Firms - #338
- ✓ 2015 ENR Southeast Top Design Firms - #24
- ✓ 2015 Zweig Group Top 100 Fastest Growing Companies - #39
- ✓ 2015 Zweig Group Best Firms to Work For - #42
- ✓ 2015 South Florida Business Journal Top 100 Fastest Growing Companies - #70
- ✓ 2015 South Florida Business Journal Top 25 Engineering Firms - #6

- ✓ 2015 Inc. 5000 Fastest Growing Private Companies - #3425
- ✓ 2015 South Florida Business Journal Fast 50 Honoree - #12
- ✓ 2015 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue - #23
- ✓ 2016 South Florida Business Journal Top 100 Fastest Growing Companies - #60
- ✓ 2016 South Florida Business Journal Top 25 Engineering Firms - #10
- ✓ 2016 ENR Top 500 Design Firms - #253
- ✓ 2016 ENR Southeast Top Design Firms - #17
- ✓ 2016 Zweig Group Hot Firms List (Top 100 Fastest Growing Companies) - #5
- ✓ 2016 Zweig Group Best Firms to Work For - #19
- ✓ 2016 Zweig Group Marketing Excellence Award – 1st place in Internal Marketing; 2nd place in Integrated Marketing
- ✓ 2016 Zweig Group Trifecta Award
- ✓ 2016 South Florida Business Journal Fast 50 Honoree - #7
- ✓ 2016 Inc5000 - #1609
- ✓ 2016 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue
- ✓ 2016 DBIA Florida Honor Award for US 41 from SR 951 to Greenway Road Design-Build
- ✓ 2016 Statewide Business Journal Fast 100 List - #37
- ✓ 2017 University of Florida Gator 100 Fast Growing Companies - #29
- ✓ 2017 South Florida Business Journal Top 25 Engineering Firms - #5

iii. Submit five client references for whom Proposer has provided Professional Services similar to those specified in this RFQ in the past five years and who are agreeable to respond to a request from the City regarding proposer's experience.

REFERENCE 1 - Cinquez Park Design-Build

a. Organization name: Town of Jupiter - Engineering
b. Contact name(s): Thomas Hernandez, PE
c. Contact email address:ThomasH@jupiter.fl.us
d. Address: 210 Military Trail Jupiter, Florida 33458
e. Telephone and fax numbers: Phone: 561.741.2680 Fax: 561.741.2515
f. Dates of service (start/end): From: 03/2016 To: 3/2017
g. Scope (Type of Professional Service provided):): Engineering Project Manager for the design, permitting and construction of Cinquez Park. Cinquez Park is a 13 acre multi-use park located off of Indiantown Road. The design included paving, grading, stormwater management, water and sewer services.

REFERENCE 2 - City of Pahokee - Various Projects

a. Organization name: City of Pahokee
b. Contact name(s): Chandler F. Williamson, City Manager
c. Contact email address: CWilliamson@cityofpahokee.com
d. Address: 207 Begonia Drive, Pahokee, Florida 33476
e. Telephone and fax numbers: Phone: 561.924.5534 Fax: 561.924.8181
f. Dates of service (start/end): From: 2013 To: Ongoing
g. Scope (Type of Professional Service provided): As the City's only general consulting engineer, WGI has provided the City various engineering, surveying, planning and cost estimating services. Brian LaMotte has been instrumental in assisting the City in the procurement on approximately $2.6 million of FDOT-SCOP funding for roadway resurfacing and reconstruction.

REFERENCE 3 - Palm Beach County - Various Projects

a. Organization name: Palm Beach County
b. Contact name(s): Tanya McConnell, PE Deputy County Engineer
c. Contact email address: tmcconne@pbcgov.org
d. Address: 2300 North Jog Road, Third Floor, West Palm Beach, Florida 33411
e. Telephone and fax numbers: Phone: 561.684.4019 Fax: 561.684.4166
f. Dates of service (start/end): From: 1991 To: Current
g. Scope (Type of Professional Service provided):WGI has provided engineering and surveying services for

roadways throughout Palm Beach County. These services included a variety of surveying tasks, sketches and legal description preparation, utility locating (SUE), roadway design, permitting and cost estimating. The most recent County roadway projects included Hood Road, Jog Road Extension, Community Drive and Military Trail widening and the on-going Australian Avenue / Palm Beach Lakes Boulevard widening project.

REFERENCE 4 - City of Lake Worth - Lake Worth Roadway Bond Program

a. Organization name: City of Lake Worth
b. Contact name(s): Felipe Lofaso - Assistant Director for Public Services
c. Contact email address: flofaso@lakeworth.org
d. Address: 1749 3rd Ave South, Lake Worth, Florida 33460
e. Telephone and fax numbers: Phone: 561.586.1720 Fax: None
f. Dates of service (start/end): From: 01/2017 To: 03/2017
g. Scope (Type of Professional Service provided):Program Manager for the Lake Worth Roadway Bond Program. The program includes acting as the liaison between the City, residents, multiple consultants and contractors for the successful completion of roadway improvements through all four City districts over a four year duration.

REFERENCE 5 - City of Delray Beach - Environmental Services Department

a. Organization name: City of Delray Beach
b. Contact name(s): Isaac Kovner, PE
c. Contact email address: kovner@mydelraybeach.com
d. Address: 434 S Swinton Avenue, Delray Beach, Florida 33444
e. Telephone and fax numbers: Phone: 561-243-7000 Fax: 561-243-7060
f. Dates of service (start/end): From: 04/2015 To: 03/2017
g. Scope (Type of Professional Service provided): Engineering Services on a continuing services contract, including the design of roadway reconstruction, swales, drainage, sidewalks and pedestrian ramps, bicycle lanes water and sewer.

iv. Submit the following information documenting experience of the key personnel proposed by Proposer to include, but not limited to the following:

a. List of up to five key personnel who are proposed for work on this project to include any subcontractors.

- ✓ Brian LaMotte, PE, LEED AP (WGI)
- ✓ Tom Mueller, PE (WGI)
- ✓ Jimmy Richie, PE (WGI)
- ✓ Corey Hill, PE (WGI)
- ✓ Stephen Cherry, EI (WGI)

(see the following pages)

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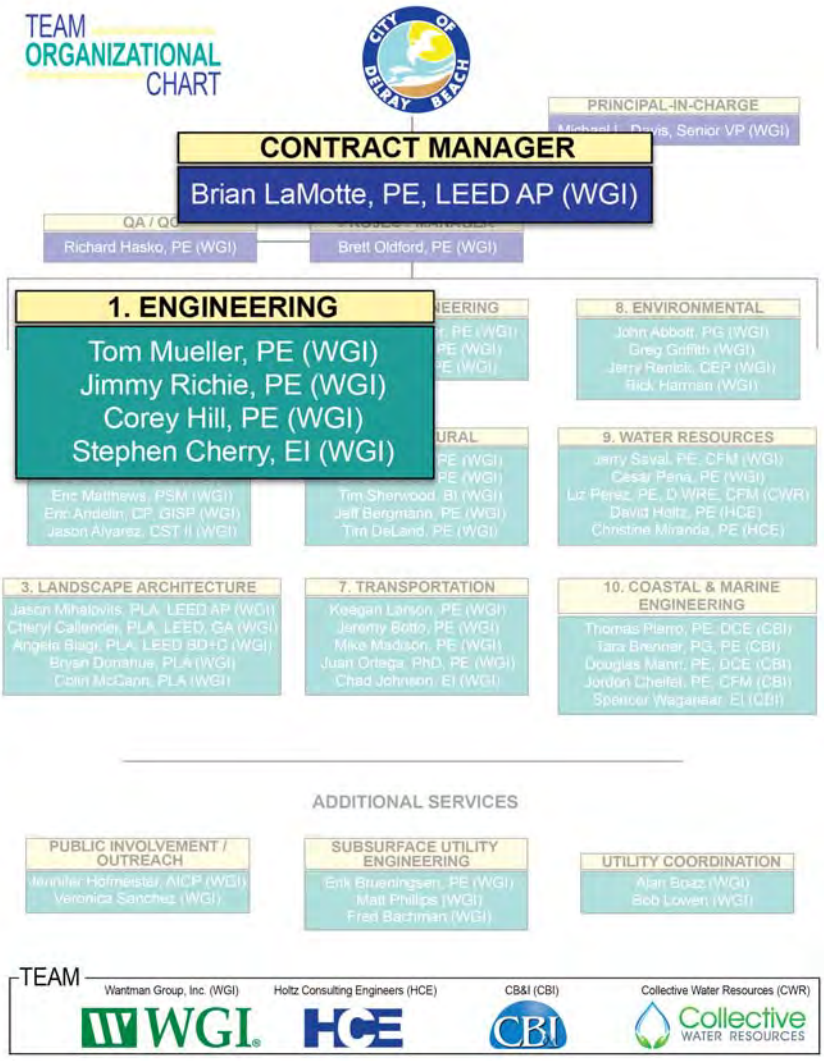

b. Provide the role of each of the above referenced personnel within the provision of services.

- ✓ Brian LaMotte, PE, LEED AP (WGI) - contract manager for engineering
- ✓ Tom Mueller, PE (WGI) - technical lead for engineering
- ✓ Jimmy Richie, PE (WGI) - senior professional engineer for engineering
- ✓ Corey Hill, PE (WGI) - professional engineer for engineering
- ✓ Stephen Cherry, EI (WGI) - staff engineer for engineering

c. For each key personnel listed above, provide a resume/bio of the individuals experience, qualifications, work history, education and any related licenses and certifications.

(see the following pages)

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RELEVANT EXPERIENCE

East Main Place Roadway Improvements, Palm Beach County, City of Pahokee, Lead Design Engineer. Brian was the lead design engineer for the complete re-design of this roadway. The 50-foot roadway design included two 12-foot wide travel lanes, two 4-foot bike lanes, and two 5-foot sidewalks. One element of the design included the replacement of the Type "F" curb and gutter, pavement and sidewalks, and drainage system repair. The design included the complete reconstruction of the road section including the road base material, construction of driveway turnouts at all existing driveways, a 12-inch watermain relocation, drainage system improvements, and pavement signing and marking. Services included engineering design, surveying, permitting and bidding assistance. This project was adjacent to a Palm Beach County elementary school and the design and construction took into account the student's testing schedules and bus and parent pick-up and drop-off access issues.

Saddle Trail Park (South) Neighborhood Improvement Project, Palm Beach County, Village of Wellington. Brian was responsible for management and overall delivery of the project. WGI was selected to provide surveying, engineering design, permitting, public involvement assistance, bond assistance and construction engineering services for the Saddle Trail Park (South) Neighborhood Improvement project. Key components of the project include the paving of existing shellrock roads, construction of new equestrian bridle trails, construction of approximately 17,500 linear feet of 8-inch new public water mains, fire hydrants, driveway connections and drainage system reconstruction. Saddle Trail Park is part of Wellington's Equestrian Preserve area and presented unique obstacles for the design and construction of the project. Funding for the improvements were provided through the proceeds of Infrastructure Improvement Bonds with repayment being accomplished through annual assessments pursuant to Chapter 170 of the Florida Statutes.

Marine Way Walkway & Drainage Study, City of Delray Beach, Project Manager. Brian was responsible for the overall delivery of this two-phase study initiated to complete the missing pedestrian link between the City of Delray Beach's Marina and Veteran's Park. The first phase of the study involved the review of existing conditions, property rights, environmental conditions, right-of-way ownership, utilities, geotechnical investigations and permitting within the Marine Way right-of-way. Also included was a detailed review of the title documents and Florida Inland Navigation District's (FIND) records. Phase Two of the study involved a presentation to the City of various options for the location of the walkway within the Marine Way right-of-way and recommendations for drainage improvements. The second phase of the study also included cross section preparation and descriptions of the proposed improvements, cost estimates, preliminary engineering plans, as well as estimated permitting and construction timelines.

SW 2nd Street Improvements, City of Delray Beach, Project Manager. As the Lead Engineer for this project, Brian was responsible for design and permitting of the new water distribution and drainage systems, vehicular turning movements for the roundabouts, sidewalks, and intersection layouts. Other duties performed by Brian included overhead utility coordination, adjacent property owner outreach, landscaping and irrigation design subconsultant coordination and post-design services including bidding, bid negotiations, and the award and recommendation of the bid.

Brian LaMotte, PE LEED AP

Contract Manager
Engineering

PROFESSIONAL PROFILE:
Brian is a Senior Project Manager in the Civil and Municipal Division with more than 35 years of experience. His responsibilities include project management while assisting with design and plans preparation and working closely with the project design team to ensure that final design plans meet industry criteria and client needs. He is experienced in all aspects of civil and municipal engineering, design and planning.

REGISTRATIONS:
Professional Engineer: Florida #41074, 1989

CERTIFICATIONS:
LEED AP, 2008

EDUCATION:
Bachelor of Science, Environmental Engineering - University of Florida, 1982

AFFILIATIONS:
American Society of Civil Engineers
Florida Engineering Society

TOTAL YEARS EXPERIENCE: 35

WGI

RELEVANT EXPERIENCE

Haverhill Road Widening Drainage Study, Haverhill Road from Caribbean Boulevard to Beeline Highway, Palm Beach County Roadway Production, Senior Project Manager. Tom was responsible for developing an ICPR 3 model for a 1.7-mile roadway widening project which included an 89.5-acre watershed. Stormwater from the Haverhill Road and Dyer Road rights-of-way is collected and treated in a 4-acre depressional area created within Winding Waters Natural Area prior to discharge into the Northern Palm Beach County Improvement District EPB 10 Canal. Tom developed the stormwater model, prepared the drainage report, and supported the permitting efforts through South Florida Water Management District and the Northern Palm Beach County Improvement District. The project was located adjacent to the Southern Waste Authority Dyer Park Solid Waste Facility.

A1A Improvements from Jupiter Beach Road to US 1, Town of Jupiter, Senior Engineer. Tom was responsible for roadway, utility, and drainage design for 4,000 feet of roadway improvements. The roadway was improved to adjust the alignment and add shoulders and sidewalks. Due to the limited space and amount of exfiltration trench required, stormwater treatment was provided by two hydrodynamic separators.

Roadway Bridge Replacement Projects, Various Locations in Palm Beach County, Palm Beach County Roadway Production, Senior Engineer. Tom was responsible for roadway and drainage design for five different bridge replacement projects in Palm Beach County. These sites included Florida Mango Road over the Lake Worth Drainage District L6 Canal, Florida Mango Road over the Lake Worth Drainage District L5 Canal, Kirk Road over the Lake Worth Drainage District L7 Canal, Kirk Road over the Lake Worth Drainage District L5 Canal, and Davis Road over the Lake Worth Drainage District L6 Canal. The existing bridges for each of these site was removed and replaced with culverts, and the existing road was widened to include a paved shoulder and, in two cases, a central turn lane. Together, the projects included over 1.5 miles of roadway improvements.

Boca Bath and Tennis Club Water Main Improvements, NW 23rd Way and NW 25th Street, City of Boca Raton, Senior Project Manager. Tom was responsible for design and permitting for the replacement of 3,800 feet of 8-inch water main along NW 23rd Way and NW 25th Street in the Boca Bath and Tennis Club in Boca Raton. Tom provided coordination with the City and Club Management to ensure minimal disruption and preservation of trees and other items of interest to existing residents.

Palm Beach County Courthouse Restoration, West Palm Beach, Senior Project Manager. Tom was responsible for design, permitting, and construction administration for improvements to the old Palm Beach County Courthouse to restore it to its 1916 condition. Design included paving, grading, drainage, water distribution, and wastewater collection.

Tidal Wave Industrial Park, 311 Tall Pines Road, City of West Palm Beach, Senior Project Manager. Tom was responsible for design, permitting, and construction observation for an 80-acre industrial park. Design work included paving, grading, drainage, and water and sewer improvements to serve the various parcels within the park. The project also included paving and drainage improvements for 2,700 feet of Wallis Road which was previously an unimproved roadway.

Tom Mueller, PE

Engineering

PROFESSIONAL PROFILE:
Tom is a Senior Project Manager specializing in private and public land development and utility infrastructure.

REGISTRATIONS:
Professional Engineer: Florida #58119, 2002

EDUCATION:
Bachelor of Science, Civil Engineering - California State University at Long Beach, 1996

TOTAL YEARS EXPERIENCE: 20

WGI

RELEVANT EXPERIENCE

Atlantic Avenue from Starkey Road to Lyons Road CEI, Palm Beach County, Project Manager. Jimmy's responsibilities included review and management of the contract documents, permits, submittals, shop drawings, requests for information, change order directives and requests, and progress meeting administration. Jimmy's role also included coordination with utility owners, adjacent land owners/developers, and permitting agencies to help facilitate the timely completion of the construction project, resolve conflicts and to satisfy the needs of the stakeholders. WGI's scope of services for this $5.5M project was to provide construction engineering and inspection services to Palm Beach County Construction Coordination for the reconstruction and widening of one mile of Atlantic Avenue west of Florida's Turnpike in Delray Beach, Florida.

Boynton Beach Regional Force Main and Lift Station, City of Boynton Beach, Engineer of Record. Jimmy's roles for this $7.5M project were as engineer of record for design and permitting and the resident engineer for construction and certification of the force main. This project was vital to the City as most of the sanitary sewage was pumped through a single 36-inch diameter force main. The new force main is approximately five miles of 16-inch and 24-inch diameter pipe that provides relief to the existing 36-inch force main, as well as an emergency by-pass. WGI was responsible for survey, modeling, design, permitting and bidding services for the new force main and lift station that serves 30% of the City's users. This included four jack and bores under I-95, Woolbright Road, and the CSX and FEC railroads; one directional bore under Seacrest Boulevard and two 100-foot aerial crossings of Lake Worth Drainage District canals. WGI also provided construction administration, inspection and certification services for the force main and it was delivered under budget.

EPB-3 Canal Box Culvert, Palm Beach County, Northern Palm Beach County Improvement District, Project Engineer and Construction Observation. WGI was responsible for the design, permitting, survey and construction observation of the 150-foot long by 8-foot high by 12-foot wide concrete box culvert crossing Hood Road just west of the FEC Railroad tracks. Project challenges included maintaining flows from the Northern Palm Beach County Improvement District Unit No. 2A drainage basin (2,000+ acres) during construction and constructing adjacent and parallel to the FEC Railroad right-of-way.

East Main Place Roadway Improvements, Palm Beach County, City of Pahokee, Project Manager. The 50-foot roadway design included two 12-foot wide travel lanes, two 4-foot bike lanes, and two 5-foot sidewalks. One element of the design included the replacement of the Type "F" curb and gutter, pavement and sidewalks, and drainage system repair. The design included the complete reconstruction of the road section including the road base material, construction of driveway turnouts at all existing driveways, and pavement signing and marking. Services included engineering design, surveying, permitting and bidding assistance. This project is adjacent to a Palm Beach County elementary school and the design and construction took into account the student's testing schedules and bus and parent pick-up and drop-off access issues. Funding for this project was through the Florida Department of Transportation's Specific Appropriation for Rural Areas of Opportunity (SCOPP) Funding Program.

Jimmy Richie, PE

Engineering

PROFESSIONAL PROFILE:
Jimmy's responsibilities include complete design and plans preparation for municipal, commercial and residential land development projects. He works closely with the project design team, including subconsultants, to ensure that final design plans meet client needs and industry criteria

REGISTRATIONS:
Registered Professional Engineer: Florida #64778

CERTIFICATIONS:
Advanced Work Zone Traffic Control

EDUCATION:
Bachelor of Science / Civil Engineering - University of Florida, 2001

AFFILIATIONS:
Florida Engineering Society

National Society of Professional Engineers

TOTAL YEARS EXPERIENCE: 14

WGI

RELEVANT EXPERIENCE

Farm Road Reconstruction, Martin County, Project Engineer. Corey was responsible for developing the reclaimed pavement design, roadway geometric design, signing and pavement marking design, quantity computation/cost estimate, and plans production. The project consists of the restoration and/or reclamation of approximately 4.75 miles of SW Farms Road, located in Indiantown, Florida, under Martin County's new Infrastructure Reinvestment Program. The project limits begin at the canal located approximately 1.75 miles west of the intersection of SW Farms Road and Silver Fox Lane and extend east to the intersection of SW Farms Road and Railroad Avenue.

Australian Avenue at Palm Beach Lakes Boulevard Intersection Improvements, Palm Beach County, Palm Beach County Roadway Production, Project Engineer. Corey was responsible for the signing and pavement marking design, signalization design, quantity computation/cost estimate, and plans production. The project consists of the construction of an eastbound turning lane on Palm Beach Lakes Boulevard between Australian Avenue and Carver Avenue, and drainage improvements on the west side of Australian Avenue and south side of Palm Beach Lakes Boulevard. The main objective of the drainage improvements is to provide relief to the existing drainage outfalls south of the intersection of Australian Avenue and Palm Beach Lakes Boulevard. This will be accomplished by reconstructing part of the existing drainage trunk line south of the intersection and routing collected stormwater east to the Carver Canal via a new larger drainage trunk line along the south side of Palm Beach Lakes Boulevard. Anticipated limits of drainage improvements along Australian Avenue are from south of 10th Street to Palm Beach Lakes Boulevard.

NE 2nd Avenue Street Improvements Phase II, Palm Beach County, City of Delray Beach, Project Engineer. WGI served as the lead design engineer for the NE 2nd Avenue Roadway "Complete Street" Project Phase I and II and worked closely with the City of Delray Beach, the City of Delray Beach CRA and the Florida Department of Transportation (FDOT) on the reconstruction and roadway enhancements of this local arterial roadway located within a historical district of the City. Due to a significant portion of the funding coming from the FDOT Local Agency Program (LAP), WGI's project engineer was responsible for the coordination and specific deliverable requirements inherent in a LAP-funded project, and for ensuring all criteria and requirements of the LAP funding process were addressed and fully documented. The overall goal of the project was to enhance the roadway, which runs through a historical district, by designing into the plan traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks, and landscaped bulb-outs. A unique feature in the design was the inclusion of green-striped bicycle lanes to clearly designate the lanes which was a key requirement of the LAP funding. WGI responsibilities included all aspects of the roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation, as well as the coordination of the LAP documentation which included the preparation of a Cultural Resource Assessment Study (CRAS) and an Environmental Resource Assessment report in conformance with the Federal Highway Administration (FHWA), Federal Transit Authority (FTA), and the FDOT Agency Operating Agreement.

Corey Hill, PE

Engineering

PROFESSIONAL PROFILE:
Corey has experience working as a roadway designer on state and municipal projects. He has played an integral role in the development of roadway, traffic control, signing and pavement marking, and signalization plans and has quickly established a reputation for consistently completing projects with outstanding quality. Corey is well versed in adhering to appropriate design standards and is fully trained in Microstation and Geopak

REGISTRATIONS:
Professional Engineer: Florida #80438, 2016

EDUCATION:
Bachelor of Science, Civil Engineering - University of Florida, 2011

Master of Science, Civil Engineering - University of Florida, 2012

AFFILIATIONS:
Florida Engineering Society

TOTAL YEARS EXPERIENCE: 5

WGI

RELEVANT EXPERIENCE

US 1 Sanitary Sewer Adjustments, Loxahatchee River Environmental Control District, Project Engineer. WGI was responsible for the relocation of various force mains that were in conflict with the FDOT Parker Bridge to Indiantown Road rehabilitation and drainage improvement project. This project was submitted and bid with the FDOT project utilizing the Utility Work by Highway Contractor Agreement agreed to by FDOT and the Loxahatchee River District. Work included several force main offsets of 12 inches and 16 inches to accommodate conflicts with drainage structures. WGI also designed the replacement of approximately 2200 linear feet of existing 8-inch asbestos cement force main with 8-inch polyvinyl chloride pipe as there were various locations along the length of pipe that needed to be replaced due to conflict with proposed retaining wall. The project included permitting through FDOT and the Palm Beach County Health Department. WGI services also included construction observation and certification of the permits.

Roebuck Road Force Main, Palm Beach County, Loxahatchee River Environmental Control District, Project Engineer. WGI was selected to prepare design plans, specifications and bid documents, and secure permits for this 7,000-foot force main. The alignment of the 8-inch force main was from the Eagle's Nest development on Loxahatchee River Drive south to Roebuck Road, west to Central Boulevard and south to the Shores development. WGI's services included survey, design, bidding and construction observation. A majority of this force main was designed and constructed as a directional bore due to the constricted right-of-way and extensive existing underground utilities. Construction administration services included conducting the pre-construction meeting, submittal review, construction and testing observations, conducting progress meetings, reviewing record drawings, responses to requests for information, change order review and recommendation, processing payment applications, and certifying construction completion.

Palm Beach County Sports Shooting Complex, Palm Beach County, Florida Fish and Wildlife Conservation Commission, Design Engineer. Stephen served as the lead designer and was responsible for grading and mass balance of over 480,000 cubic yards of excavation for the project. The Florida Fish and Wildlife Conservation Commission's Palm Beach County Shooting Sports Complex is a 150-acre site that is located on the former Mecca Farms property, east of the J.W. Corbett Wildlife Management Area. WGI is providing survey, environmental assessment, traffic engineering, site plan assistance, on-site engineering design, on-site water and sewer utilities design, off-site engineering design, permitting, assistance with bidding, and construction services. Challenging aspects of the project included an expedited design and permitting schedule, an environmentally sensitive area, poor groundwater quality, and varying hydraulic and hydrologic conditions. WGI's experienced staff was able to resolve the challenging issues through innovative design, existing relationships with the local regulatory agencies, and the utilization of resources to meet deadlines.

Village Corner Residential Development, Palm Beach County, Hamlet Estates at Lake Worth, LLC, Design Engineer. This project is a 103-unit single-family development located in unincorporated Palm Beach County. WGI will provide all site engineering design and permitting services, including paving, grading, water distribution, wastewater collection.

Stephen Cherry, EI

Engineering

PROFESSIONAL PROFILE:
Stephen is a technologically advanced and highly motivated design engineer. With 5 years of experience, Stephen has assisted on many engineering design and permitting tasks that have resulted in projects being delivered on time and under budget. His projects have included state, municipal, institutional and private development clients.

REGISTRATIONS:
Engineer Intern: Florida #1100016493, 2012

EDUCATION:
Bachelor of Science, Civil Engineering - University of Central Florida, 2011

AFFILIATIONS:
Florida Engineering Society

TOTAL YEARS EXPERIENCE: 5

WGI

B. APPROACH TO PROJECT MANAGEMENT -

i. Provide a detailed narrative description of the proposed approach and methodology for engaging with City representatives while in the course of performing the duties.

The **WGI** Team has an exceptionally strong project management approach that is time tested and proven successful over a 45-year history. When authorized by the City of Delray Beach (City), **WGI** will provide the necessary professional personnel, equipment, technology and management expertise to accomplish all tasks assigned under this contract. Our staff is accommodating, and with our commitment to technology and ability to utilize the specialized equipment at our disposal, no assignment is beyond our capability. In order to properly address permitting, design, environmental, drainage, and private property ownership issues, as well as conduct an effective public outreach effort, a well-defined approach needs to be implemented and adhered to. Throughout the design process, WGI will continually communicate and solicit feedback from City representatives in order to meet the City's goals and objectives.

ii. Describe in detail Proposer's approach to the design of projects.

Project Manager Brett Oldford, PE understands that any successful project starts with a well thought out, comprehensive, and detailed scope. Prior to having a formal written contract, a significant effort must be employed to identify critical path items, potential project issues, data gaps, communications protocols, deliverables, and project schedules. This effort takes time and dedication; however, **WGI** has proven time and time again that the benefits of planning the project correctly pay significant dividends, not only throughout the design phase, but more importantly, throughout the construction phase as well.

To that end, the following steps will be taken prior to the finalization of the project service authorization:

1. Perform a site visit with City representatives prior to the development of the project scope;
2. Outline project objectives after the site visit (within 24 hours) and provide to the City for review and comment;
3. Develop a draft project scope incorporating the approved outlined project objectives and provide to the City for review and comment;
4. Coordinate with City staff to ensure the scope and deliverables are in compliance with the established schedules and budget; and
5. Finalize project scope.

The tasks below represent our typical comprehensive approach for the successful completion of a project. Individual tasks may not apply to every project depending on their size and complexity.

Initial Phase – Project Development

- Schedule a design kick-off meeting with staff and subconsultants to define the communications protocol and confirm complete understanding of the scope of services, schedule and budget;
- Coordinate engineering design activities including surveys, inspections and evaluations, collection of data, engineering feasibility reports and studies, and cost estimates. Utility coordination with providers such as FP&L, CATV, and others must occur during this step to identify potential conflicts and to define the resolution of those conflicts;
- Coordinate with subconsultants on their role and communicate plan expectations, including deliverables, timing of submittals, and budgetary constraints;
- Complete any necessary field surveying including, but not limited to, establishing a primary horizontal and vertical control network utilizing either conventional or GPS methodology, and performing a topographic survey utilizing either Total Station with data collectors or GPS equipment that meets minimum technical standards;
- If necessary, perform subsurface utility evaluations, using WGI's latest "soft dig" and ground penetrating radar technology. The data is then incorporated into the survey;
- Meet with City staff to review the preliminary findings and discuss the approach to the project from the information gathered in this phase; and
- Define the scope and scheduling for the public outreach for the program.

Preliminary Design Development of Plan/Report – (30% Phase)

- Prepare preliminary (30%) design plans and/or reports which include supporting calculations, cost estimates, and a schedule;

- Conduct pre-application meetings with regulatory agencies;
- Initiate a peer review of the 30% plans and incorporate comments into the plans or report;
- Coordinate with subconsultants to establish the scope of deliverables and timing of submittals;
- Meet with City staff to present the 30% plans, reports and preliminary calculations, and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Conceptual Development of Plan/Report – (60% Phase)

- Prepare 60% design plans/reports including supporting calculations, specifications, construction cost estimates, and a schedule. This phase will incorporate comments received from the City in the 30% conceptual design phase, including input and permit requirements/conditions from the regulatory agencies;
- Prepare and coordinate legal documents and exhibits that will be needed for construction, ingress/egress, or infrastructure improvements.
- Perform peer review and quality control review on plans/reports, calculations, and specifications;
- Prepare and submit permit applications to required agencies. WGI incorporates a systematic approach to permit follow-up and tracking. We pride ourselves on our ability to address permit issues and secure permits in a timely manner;
- Address all comments received from the permitting agencies and make the required changes to the plan and supporting documents to secure the permits. WGI will always keep the best interests of the City in mind when negotiating with the regulatory agencies. We have the experience and expertise to know when a regulatory requirement is arbitrary and capricious and will do everything we can do to protect the City and mitigate any unnecessary requirements placed in the permits;
- Meet with the City staff, if necessary, and present the 60% plans/report and preliminary calculations and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Final Design Development of Plans/Report – (100% Phase)

- Prepare final (100%) documents including final reports, bid tabulation forms, specifications, plans, calculations, and final cost estimates. This phase will incorporate comments received from the City in the 60% design phase, including input received from the regulatory agencies;
- Perform a final peer review and quality control review on plans/reports, calculations and specifications;
- Secure all permits and inform the City of any special conditions or conditions that may affect the schedule or budget;
- Meet with the City Staff to discuss the final plans/reports and permits and discuss how they will affect the implementation of the project;
- Finalize and coordinate easements and exhibits necessary for the project;
- Assist the City in preparing final bid documents and establish timeframes for when the project will be initiated; and
- Present project before the City Commission.

iii. Narrative that demonstrates working knowledge and understanding of the Professional Services requirements in this RFQ.

WGI has successfully worked with the City of Delray Beach for years. Our in-depth knowledge of the character and uniqueness of the City includes the intrinsic differences between its neighborhoods and the vision and intent the City's administrative staff has adopted with the approval of the Complete Streets Policy in November of 2016.

We understand that the projects included in this contract will cover all aspects of the City's municipal infrastructure, including complete neighborhoods, utilities, stormwater, parks, seawalls, structural inspections, coastal and environmental design, transportation and traffic studies, and CEI services.

The City is empowered with the fiduciary responsibility to provide its residents with services that support safe, efficient, and practical solutions to their needs. In order to accomplish this, the City and consultants must reach out to the residents to both inform them of the project, as well as to solicit input that will help guide the design of the improvements.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has a diverse array of views and concerns on issues pertaining to their own specific neighborhood needs. When the public is involved in the decision-making process such input has a real potential to positively shape the final set of actions and outcomes for a project. As important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Public participation activities that have proven successful are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. Having said that, it is critical that all involved in the process have a clear understanding of the project's goals, objectives and strategies.

A Public Involvement Plan (PIP) is created and implemented to serve as a tiered and staged outreach approach to proactively engage a variety of audiences and to build ownership and support for a project. The PIP includes some or all of the following:

- Project logo and branding
- Stakeholder committee
- Newsletters, both electronic and paper, distributed to a database of impacted City residents and businesses that will include a calendar of events to keep the community apprised of upcoming events
- Collateral translated into Spanish and Creole
- Public workshops
- Grassroots community outreach
- Public outreach events
- Project website
- Social media and digital engagement, such as: Facebook, Twitter, LinkedIn, YouTube, and Pinterest
- Stakeholder interviews
- Database for outreach tracking
- A communication crisis plan to avert public conflicts and act decisively on threats to a safe environment

The **purpose of the PIP** is to ensure public participation is inclusive of all affected residents of the community. In doing so, special consideration must be given to reaching and involving the traditionally underserved, such as minority, low-income, disabled, those with language barriers, and others who are restricted from accessing information. Additionally, the scope of public involvement may differ with each project development study and should be adapted to the complexity of the project. The ultimate goal is to incorporate all people into the decision-making process, adjust to the community's needs, and solicit input throughout the life of a project. The **PIP** should also demonstrate how adjustments or accommodations were made to involve the public at each stage of the decision-making process. The PIP process generally consists of **four phases: global activities, design, construction and evaluation, and the public outreach activities will vary accordingly.**

iv. Details of how work under a Service Authorization will be implemented and how services will be provided.
Over the past decade, WGI has prepared countless Service Authorization proposals, which include the establishment of a comprehensive scope of work, detailed hourly labor breakdown, and a project schedule. The Service Authorization, in conjunction with the Master Contract, become the consultant's contract for services of the specific project.

The improvements for each project will be designed and implemented using WGI's proven project approach described above, allowing time in the schedule to include all data collection efforts, records research, design development, periodic reviews by City staff, and the critical process of public involvement.

v. Specify the location(s), including the complete physical address, where the work will be performed, including work performed by subcontractors, if applicable.
The entirety of the work under this contract will be performed by firms located in Palm Beach County. The address of WGI's corporate headquarters, and those of our subcontractors, are listed below.

WGI
2035 Vista Parkway
West Palm Beach, FL 33411

HCE
270 South Central Boulevard, Suite 207
Jupiter, Florida 33458

CB&I
2481 NW Boca Raton Boulevard
Boca Raton, Florida, 33431

Collective Water Resources
8461 Lake Worth Road #231
Lake Worth, Florida 33467

vi. Proposer shall thoroughly explain:

1. Its accessibility in the areas of availability for meetings, general communications, coordination, and supervision

In previous sections, WGI has stated our commitment to the City of Delray Beach under this contract, but the best evidence of this commitment is our track record with the City over the past decade. WGI staff will make adjustments to our schedule to eliminate conflicts and make ourselves available for any and all meetings with the City. Providing timely responses and being available outside of normal business hours is part of the WGI culture and is embraced by our associates. WGI understands that several of the City's staff members arrive early to work or stay after hours, so it's only appropriate that we make ourselves available as well.

WGI has several levels of supervision available, not only to associates providing services to the City, but to City staff as well. We routinely attend City meetings with at least two staff members and collaborate on project development with an active contract manager, as well as the project manager and design team.

2. Primary method for attending meetings and how much advance notice is required.

WGI attends meetings in person and is available to meet with a 24-hour notice, but has commonly attended meetings with City staff that have been scheduled the same day.

3. How the proposer physically plans on attending pre-scheduled meetings.

WGI will attend pre-scheduled meetings in person, with multiple staff members.

4. How the proposer plans on ensuring accessibility and availability during the term of the agreement.

With 180 staff members located in our West Palm Beach office, WGI commits to immediate accessibility and constant availability during the term of the agreement.

C. PROJECTS FOR SIMILAR SERVICES

List up to five projects that Proposer has provided Professional Services since September 1, 2011 to include the following information:

1. SLIGH BOULEVARD AND COLUMBIA STREET IMPROVEMENTS (FDOT LOCAL AGENCY PROGRAM-LAP PROJECT)

i. Organization/Owner Name: City of Orlando
ii. Address: Orlando, Florida
iii. Project date (Start/End): 2013 - 2017
iv. Status of project: Construction Complete
v. Scope: WGI was responsible for the design of improvements, which include resurfacing, restoration and rehabilitation (RRR) of the roadway, as well as operational improvements at the intersections to accommodate future Bus Rapid Transit (BRT) expansion, bus routes, and freight delivery. The rail crossing at Columbia Street was improved to facilitate the safe movement of people, vehicles and trains within the corridor with a four-quadrant gate system. Sligh Boulevard was also reconfigured to improve and accommodate the turning movements of BRT, bus, and freight vehicles. Other designs include a raised crosswalk/intersection table at Sligh Boulevard and Copeland Street which provided for a continuous pedestrian connection improving ADA accessibility to the Orlando Amtrak station.

2. PALM BEACH COUNTY SPORTS SHOOTING COMPLEX

i. Organization/Owner Name: Palm Beach County
ii. Address: Palm Beach County, Florida
iii. Project date (Start/End): 06/2015 - 08/2017
iv. Status of project: Construction
v. Scope: The Florida Fish and Wildlife Conservation Commission's Palm Beach County Shooting Sports Complex is a 150-acre site that is located on the former Mecca Farms property, east of the J.W. Corbett Wildlife Management Area. WGI is providing survey, environmental assessment, traffic engineering, site plan assistance, on-site engineering design, on-site water and sewer utilities design, off-site engineering design, permitting, assistance with bidding and construction services. Challenging aspects of the project included an expedited design and permitting schedule, an environmentally sensitive area, poor groundwater quality and varying hydraulic and hydrologic conditions. WGI's experienced staff was able to resolve the challenging issues through innovative design, existing relationships with the local regulatory agencies and the utilization of resources to meet deadlines.

3.FLAGLER MEMORIAL BRIDGE, UTILITY COORDINATION AND DESIGN

i. Organization/Owner Name: Palm Beach County
ii. Address: West Palm Beach, Florida
iii. Project date (Start/End): 2011 to 2013
iv. Status of project: Complete
v. Scope: This Design-Build project involves the replacement of the existing Flagler Memorial Bridge with a new 4-lane divided urban section bridge, which connects the Town of Palm Beach and the City of West Palm Beach. Traffic barrier separated sidewalks will be included along both sides of the new bridge with a pedestrian/bicycle railing on the outside of the sidewalks. Additionally, the existing bridge overpass at Flagler Drive and SR A1A will be eliminated and replaced with an at-grade signalized intersection. This will necessitate reconstruction of portions of Flagler Drive from 4th Street to north of 7th Street. The project also includes drainage improvements, signing and pavement markings, bridge/roadway lighting, signalization/communication systems, structural/ architectural components for a new bridgetender house, landscaping/irrigation, and utility services. WGI services included signalization/communication systems, utility coordination, and utility design services for the City of West Palm Beach.

4 - NE 2nd Avenue Roadway Restoration and Beautification,

i. Organization/Owner Name: City of Delray Beach
ii. Address: Delray Beach, Floirda
iii. Project date (Start/End): 06/2016 - 01/2017
iv. Status of project: - Design Complete
v. Scope: As the Lead Engineer on this project, Brian was responsible for all aspects of design including utility design, street lighting, pavement, water management and retention requirements, signing and striping, and sidewalk modifications. Brian directed WGI's survey division in acquiring a right-of-way survey that was used as the basis of the design. WGI served as the lead design engineer for the NE 2nd Avenue Roadway Project and worked closely with the City of Delray Beach, the City of Delray Beach CRA and the Florida Department of Transportation (FDOT) on the reconstruction and roadway enhancements of this local arterial roadway located within a historical district of the City. Due to a significant portion of the funding coming from the FDOT Local Agency Program (LAP), WGI's project engineer was responsible for the coordination and specific deliverable requirements inherent in a LAP-funded project, and for ensuring all criteria and requirements of the LAP funding process were addressed and fully documented. The overall goal of the project was to enhance the roadway, which runs through a historical district, by designing into the plan traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks and landscaped bulb-outs. A unique feature in the design was the inclusion of green striped bicycle lanes to clearly designate the lanes which was a key requirement of the LAP funding.

WGI responsibilities included all aspects of the roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation, as well as the coordination of the LAP documentation which

included the preparation of a Cultural Resource Assessment Study (CRAS) and an Environmental Resource Assessment report in conformance with the Federal Highway Administration (FHWA), Federal Transit Authority (FTA), and the FDOT Agency Operating Agreement.

5. E MAIN PLACE ROADWAY IMPROVEMENTS

i. Organization/Owner Name: City of Pahokee
ii. Address: Pahokee, Florida
iii. Project date (Start/End): 8/2015 - 2/2016
iv. Status of project: Complete
v. Scope: The 50-foot roadway design included two 12-foot wide travel lanes, two 4-foot bike lanes, and two 5-foot sidewalks. One element of the design included the replacement of the Type "F" curb and gutter, pavement, sidewalks, and drainage system repair. The design also included the complete reconstruction of the road section, including the road base material, construction of driveway turnouts at all existing driveways, a 12-inch water main relocation, drainage system improvements, and pavement signing and marking. Services included engineering design, surveying, permitting, and bidding assistance. This project was adjacent to a Palm Beach County elementary school and the design and construction took into account the student's testing schedules and bus and parent pick-up and drop-off access issues. Funding for this project was through the Florida Department of Transportation's Specific Appropriation for Rural Areas of Opportunity (SCOPP) Funding Program.

D. ORGANIZATIONAL STRUCTURE

i. Details of Proposer's staffing resources, at the location that will provide services to the City as well as corporately, by discipline and the number of personnel within each discipline.

WGI'S WEST PALM BEACH CORPORATE OFFICE WILL PROVIDE SERVICES FOR THE CITY.

- **Administrative 36**
- **Biologist 1**
- **CADD Tech 9**
- **Civil Engineer 11**
- **Environmental Scientist 4**
- **Geologist 2**
- **Land Surveyor 60**
- **Landscape Architect 13**
- **Planner: Urban/Regional 9**
- **Structural Engineer 6**
- **Transportation Engineer 12**
- **Engineer Intern 14**
- **Other Employees 3**
- **TOTAL 180**

ii. If Proposer's staffing resources includes sub-consultants, submit the name of the firm(s) who will perform each discipline. If more than one firm is listed for a discipline, then label which firm is the primary firm for that discipline. Firms may perform more than one discipline.

- **CB&I Environmental & Infrastructure, Inc.(CBI) will be providing Coastal & Marine Engineering under the direction of WGI.**
- **Holtz Consulting Engineers (HCE) and Collective Water Resources (CWR) will be providing Water Resources under the direction of WGI**

iii. Submit an organizational diagram clearly identifying key personnel as well as other staffing resources who will provide services to the City. For each individual in the organization diagram, include each individual's name, title, firm and their functional relationship to each other.

Please see Organization Chart on the following page.

[Remainder of the page intentionally left blank]

TEAM ORGANIZATIONAL CHART

PRINCIPAL-IN-CHARGE
Michael L. Davis, Senior VP (WGI)

CONTRACT MANAGER
Brian LaMotte, PE, LEED AP (WGI)

QA / QC
Richard Hasko, PE (WGI)

PROJECT MANAGER
Brett Oldford, PE (WGI)

1. ENGINEERING
Tom Mueller, PE (WGI)
Jimmy Richie, PE (WGI)
Corey Hill, PE (WGI)
Stephen Cherry, EI (WGI)

4. CIVIL ENGINEERING
Adam Schildmeier, PE (WGI)
Chris Holmes, PE (WGI)
Brian Arnold, PE (WGI)

8. ENVIRONMENTAL
John Abbott, PG (WGI)
Greg Griffith (WGI)
Jerry Renick, CEP (WGI)
Rick Harman (WGI)

2. SURVEY
Sam Hall, PSM (WGI)
Pat Meeds, PSM (WGI)
Eric Matthews, PSM (WGI)
Eric Andelin, CP, GISP (WGI)
Jason Alvarez, CST II (WGI)

6. STRUCTURAL
Brian Rheault, PE (WGI)
Chris LaForte, PE (WGI)
Tim Sherwood, BI (WGI)
Jeff Bergmann, PE (WGI)
Tim DeLand, PE (WGI)

9. WATER RESOURCES
Jerry Saval, PE, CFM (WGI)
Cesar Pena, PE (WGI)
Liz Perez, PE, D.WRE, CFM (CWR)
David Holtz, PE (HCE)
Christine Miranda, PE (HCE)

3. LANDSCAPE ARCHITECTURE
Jason Mihalovits, PLA, LEED AP (WGI)
Cheryl Callender, PLA, LEED, GA (WGI)
Angela Biagi, PLA, LEED BD+C (WGI)
Bryan Donahue, PLA (WGI)
Colin McCann, PLA (WGI)

7. TRANSPORTATION
Keegan Larson, PE (WGI)
Jeremy Botto, PE (WGI)
Mike Madison, PE (WGI)
Juan Ortega, PhD, PE (WGI)
Chad Johnson, EI (WGI)

10. COASTAL & MARINE ENGINEERING
Thomas Pierro, PE, DCE (CBI)
Tara Brenner, PG, PE (CBI)
Douglas Mann, PE, DCE (CBI)
Jordon Cheifet, PE, CFM (CBI)
Spencer Waganaar, EI (CBI)

ADDITIONAL SERVICES

PUBLIC INVOLVEMENT / OUTREACH
Jennifer Hofmeister, AICP (WGI)
Veronica Sanchez (WGI)

SUBSURFACE UTILITY ENGINEERING
Erik Brueningsen, PE (WGI)
Matt Phillips (WGI)
Fred Bachman (WGI)

UTILITY COORDINATION
Alan Boaz (WGI)
Bob Lowen (WGI)

TEAM

Wantman Group, Inc. (WGI)
Holtz Consulting Engineers (HCE)
CB&I (CBI)
Collective Water Resources (CWR)

iv. A written response clearly defining responsibilities, contractual relationships and roles of all individual in the organizational diagram.

Michael L. Davis, Senior Vice President, Principal-in-Charge - Environmental
- As the Principal-in-Charge and a **WGI** officer, Michael provides the City, **WGI's** commitment to high quality professional services. Michael will also be working with the Environmental team.

Brett Oldford, PE - Project Manager - Civil Engineering
- Brett will serve as the Project Manager. Brett will be responsible for all project related items and be responsible for the overall delivery of the project. Brett will be the point person for all contact between the City of Delray Beach and **WGI**. Brett will also be working with the Civil Engineering Team.

Brian LaMotte, PE LEED AP - Contract Manager - Engineering
- Brian will serve as the Contract Manager. Brian will be responsible for developing the final scope of services and negotiating the fee for the project**.** Brian will also be working with the Engineering team.

Richard Hasko, PE - QA/QC - Civil Engineering
- Richard will serve as the QA/QC Manager. Richard will be responsible for implementation of the **WGI** QA/QC policy, ensuring every product that is submitted meets or exceeds the quality standards set by both **WGI** and the City of Delray Beach. Richard will also be working with the Civil Engineering team.

Tom Mueller, PE - Engineering
- Tom will serve as the technical lead for engineering design related services and be responsible for the completion of all engineering design related deliverables.

Jimmy Richie, PE - Engineering
- Jimmy will provide support to Tom for all engineering design related deliverables.

Corey Hill, PE - Engineering
- Corey will provide support to Tom for all engineering design related deliverables.

Stephen Cherry, EI - Engineering
- Stephen will provide support to Tom for all engineering design related deliverables.

Sam Hall, PSM - Survey
- Sam will serve as the technical lead for survey related services and be responsible for the completion of all survey related deliverables.

Pat Meeds, PSM - Survey
- Pat will provide support to Sam for all survey related deliverables.

Eric Matthews, PSM - Survey
- Eric will provide support to Sam for all survey related deliverables.

Eric Andelin, CP, GISP - Survey
- Eric will provide support to Sam for all survey related deliverables.

Jason Alvarez, CST II - Survey
- Jason will provide support to Sam for all survey related deliverables.

Jason Mihalovits, PLA, LEED AP - Landscape Architecture
- Jason will serve as the technical lead for landscape architecture related services and be responsible for the completion of all landscape architecture related deliverables.

Cheryl Callendar, PLA, LEED Green Associate - Landscape Architecture
- Cheryl will provide support to Jason for all landscape architecture related deliverables.

Angela Biagi, PLA, LEED BD+C - Landscape Architecture
- Angela will provide support to Jason for all landscape architecture related deliverables.

Bryan Donahue, PLA, - Landscape Architecture
- Bryan will provide support to Jason for all landscape architecture related deliverables.

Colin McCann, PLA, - Landscape Architecture
- Colin will provide support to Jason for all landscape architecture related deliverables.

Adam Schildmeier, PE - Civil Engineering
- Adam will serve as the technical lead for civil engineering design related services and be responsible for the completion of all civil engineering design related deliverables.

Chris Holmes, PE - Civil Engineering
- Chris will provide support to Adam for all civil engineering design related deliverables.

Brian Arnold, PE - Civil Engineering
- Brian will provide support to Adam for all civil engineering design related deliverables.

Brian Rheault, PE - Structural
- Brian will serve as the technical lead for structural related services and be responsible for the completion of all structural related deliverables.

Chris LaForte, PE - Structural
- Chris will provide support to Brian for all structural design related deliverables.

Tim Sherwood, BI, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Jeff Bergmann, PE - Structural
- Jeff will provide support to Brian for all structural design related deliverables.

Tim DeLand, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Keegan Larson, PE - Transportation
- Keegan will serve as the technical lead for transportation related services and be responsible for the completion of all transportation related deliverables.

Jeremy Botto, PE - Transportation
- Jeremy will provide support to Keegan for all transportation related deliverables.

Mike Madison, PE - Transportation
- Mike will provide support to Keegan for all transportation related deliverables.

Juan Ortega, PhD, PE - Transportation
- Juan will provide support to Keegan for all transportation related deliverables.

Chad Johnson, EI - Transportation
- Chad will provide support to Keegan for all transportation related deliverables.

John Abbott, PG - Environmental
- John will serve as the technical lead for environmental related services and be responsible for the completion of all environmental related deliverables.

Greg Griffith - Environmental
- Greg will provide support to John for all environmental related deliverables.

Jerry Renick - Environmental
- Jerry will provide support to John for all environmental related deliverables.

Rick Harman - Environmental
- Rick will provide support to John for all environmental related deliverables.

Jerry Saval, PE, CFM - Water Resources
- Jerry will serve as the technical lead for water resources related services and be responsible for the completion of all water resources related deliverables.

Cesar Pena, PE - Water Resources
- Cesar will provide support to Jerry for all water resources related deliverables.

Liz Perez, PE, D.WRE, CFM - Water Resources
- Liz will provide support to Jerry for all water resources related deliverables.

David Holtz, PE - Water Resources
- David will provide support to Jerry for all water resources related deliverables.

Christine Miranda, PE - Water Resources
- Christine will provide support to Jerry for all water resources related deliverables.

Thomas Pierro, PE, DCE - Coastal and Marine Engineering
- Tom will serve as the technical lead for coastal and marine engineering related services and be responsible for the completion of all coastal and marine engineering related deliverables.

Tara Brenner, PG, PE - Coastal and Marine Engineering
- Tara will provide support to Tom for all coastal and marine engineering related deliverables.

Douglas Mann, PE, DCE - Coastal and Marine Engineering
- Doug will provide support to Tom for all coastal and marine engineering related deliverables.

Jordon Cheifet, PE, CFM - Coastal and Marine Engineering
- Jordon will provide support to Tom for all coastal and marine engineering related deliverables.

Spencer Waganaar, EI - Coastal and Marine Engineering
- Spencer will provide support to Tom for all coastal and marine engineering related deliverables.

Jennifer Hofmeister, AICP - Public Involvement /Outreach - Additional Services
- Jennifer will serve as the technical lead for public involvement design related services and be responsible for the completion of all public involvement related deliverables.

Veronica Sanchez - Public Involvement /Outreach - Additional Services
- Veronica will provide support to Jennifer for all public involvement related deliverables.

Erik Brueningsen, PE - Subsurface Utility Engineering - Additional Services
- Erik will serve as the technical lead for subsurface utility engineering related services and be responsible for the completion of all subsurface utility engineering related deliverables.

Matt Phillips - Subsurface Utility Engineering - Additional Services
- Matt will provide support to Erik for all subsurface utility engineering related deliverables.

Fred Bachman - Subsurface Utility Engineering - Additional Services
- Fred will provide support to Erik for all subsurface utility engineering related deliverables.

Alan Boaz - Utility Coordination - Additional Services
- Alan will serve as the technical lead for dry utility coordination related services and be responsible for the completion of all dry utility coordination related deliverables.

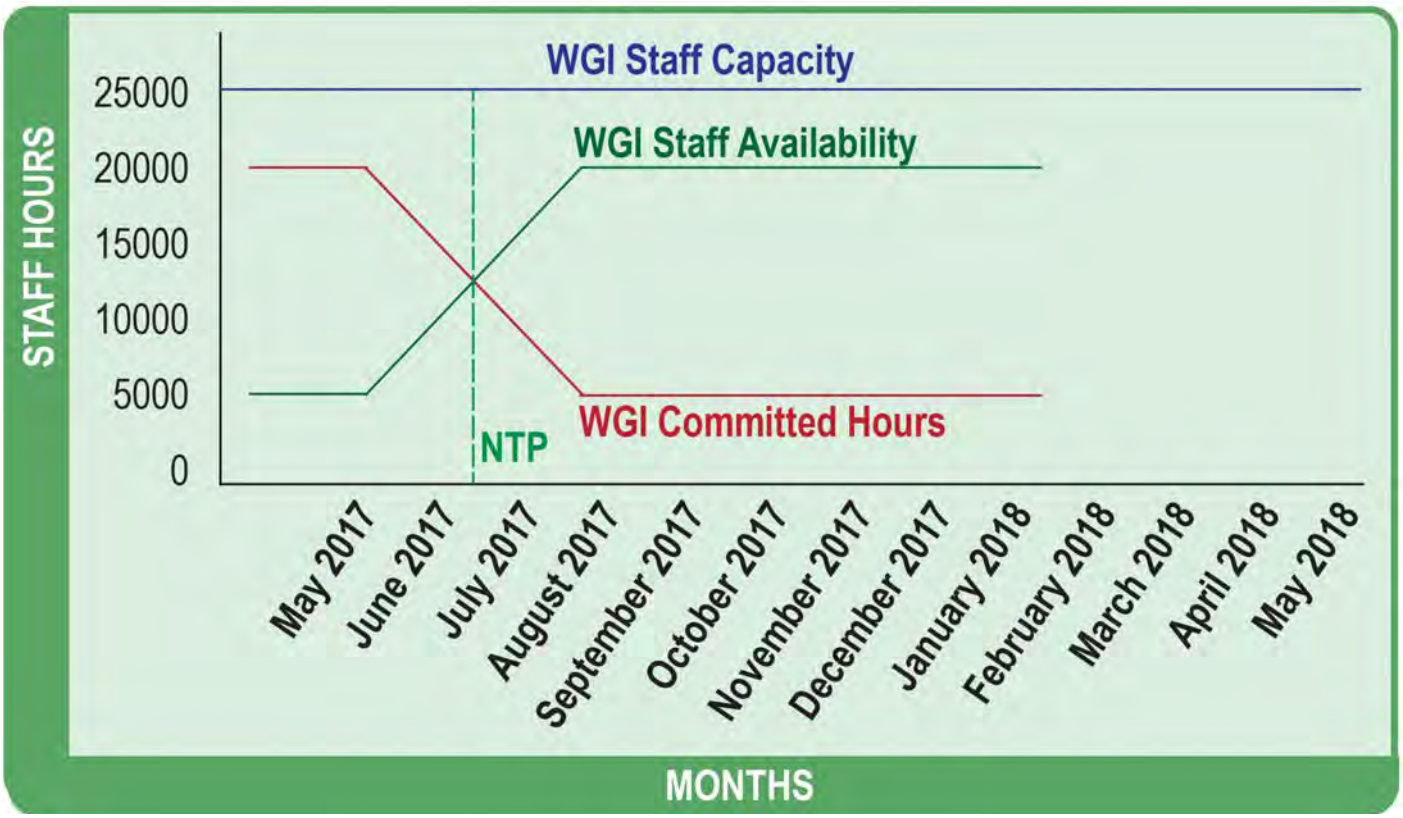
Bob Lowen - Utility Coordination - Additional Services
- Bob will provide support to Alan for all dry utility coordination related deliverables.

v. A narrative detailing Proposer's recent, current, and projected workloads at the time of submission and provide a statement of Proposer's commitment of personnel and other resources for the City project by providing a signed letter of commitment.

WGI understands that an important aspect of a continuing services, task driven contract is the team's ability to provide the necessary depth of staff for immediate response and the ability to manage multiple assignments simultaneously and effectively. We recognize that contracts of this nature present assignments that are unique in scope, often fast tracked and dependent on staff resources, which can, if not managed properly, present overload and delay challenges. **WGI** has maintained task driven continuing services contracts for many years and has the experience and resources necessary to anticipate and compensate for these challenges through efficient scheduling and a dedicated work force. **Specifically, WGI has provided the City of Delray Beach quality consulting services since July 2007. The success of our relationship is driven by the dedication of a team of individuals solely to the City. This means that technically proficient staff members familiar with the City's needs are available to provide immediate response to any request.**

Because **WGI** specializes in public sector contracts, it has the capacity to respond to the assignments and service authorizations anticipated from the City. These public sector contracts support a more stable scheduling

and resource management protocol, across the **WGI** multi-discipline divisions. Regardless of the nature, location, or technical complexity of the assignment, **WGI** brings the experience, technical resources, and depth of staff to deliver the results you require. This contract has the full attention of our entire team.



Please see Commitment Letter on the following page.

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May 17, 2017

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

RE: CITY OF DELRAY BEACH RFQ NO. 2017-048
CONTINUING ENGINEERING, SURVEYING, AND LANDSCAPING ARCHITECTURAL CONSULTING SERVICES (918-42, 918-89, 906-56)

Dear Selection Committee Members,

WGI'S COMMITMENT

The most important qualification **WGI** brings to the City is the commitment of the firm, at all levels, to develop successful deliverables, deliverables that are technically sound, on schedule and within budgetary requirements. Our key personnel selected for this project are dedicated and will be available to the City for the duration of the contract. The depth of our team with 300 professionals, including 180 registered engineers, landscape architects, planners, environmental scientists, surveyors, and other professionals based in Palm Beach County will provide ample capacity and availability to competently complete all assignments in a timely manner. Our commitment has been clearly demonstrated by **WGI's** superior service and professionalism over the years in providing similar services on a continuing basis for numerous counties and municipalities in South Florida. As the **Principal-in-Charge** and a **WGI Officer**, I provide the City **WGI's** commitment to high quality professional services.

We look forward to demonstrating our ability and unequivocal commitment while serving the City of Delray Beach.

Sincerely,
WANTMAN GROUP, INC.

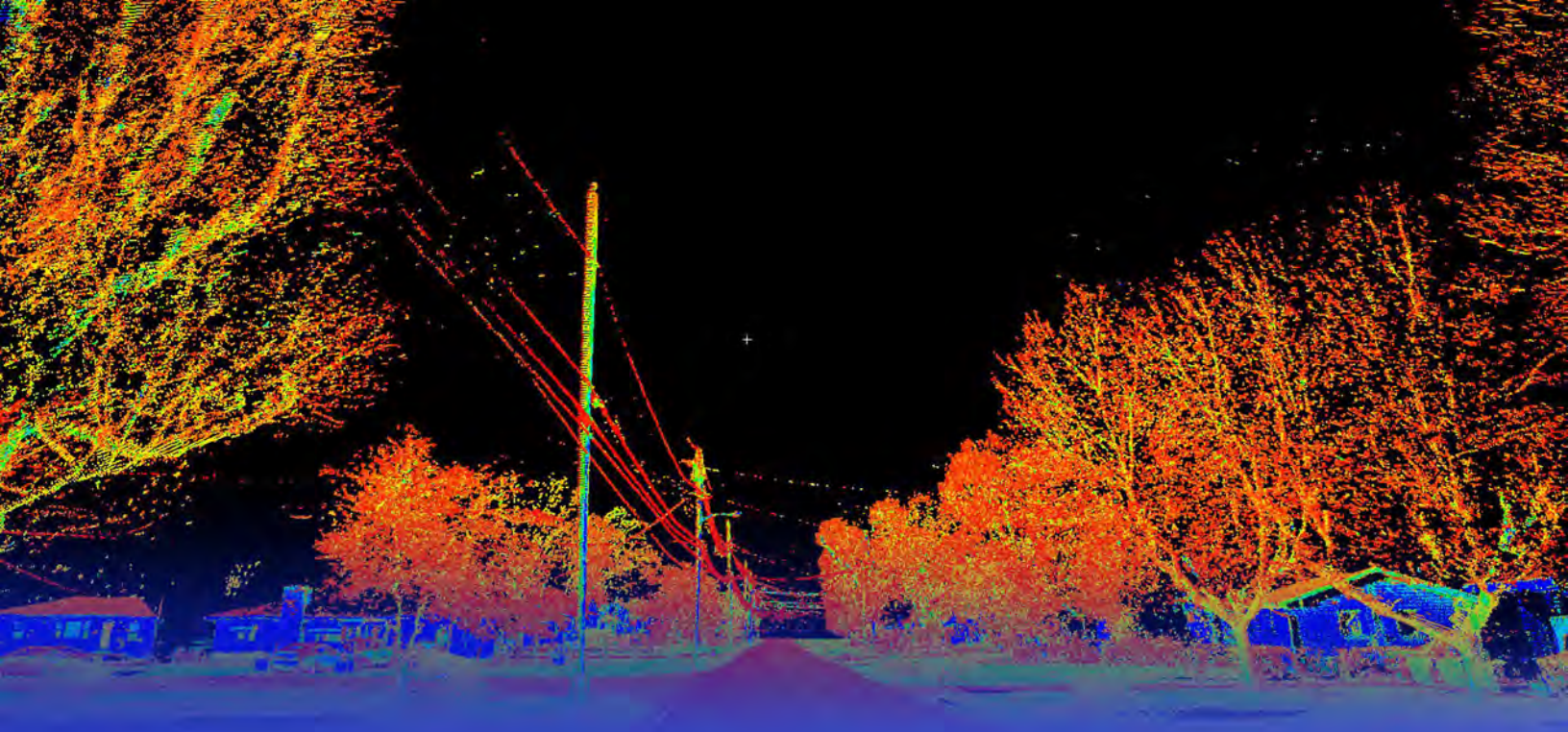
Michael L. Davis
Senior Vice President
Principal-in-Charge

vi. A narrative detailing all key personnel's recent, current and projected workloads at the time of submission and provide a statement of the availability of each for the City's project.

The key personnel below are currently assigned to the Delray Beach Continuing Contract and a portion of their time is already designated to servicing the needs of the City. Over the past ten years, **WGI** has developed a successful working relationship that provides timely responses to any of the City's needs.

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Michael L. Davis	WGI	Principal-in-Charge Environmental	30%	35%	40%
Brett Oldford, PE	WGI	Project Manager Civil Engineering	35%	45%	50%
Brian LaMotte, PE, LEED AP	WGI	Contract Manager Engineering	25%	40%	45%
Richard Hasko, PE	WGI	QA/QC Civil Engineering	20%	30%	45%
Tom Mueller, PE	WGI	Engineering	40%	45%	50%
Jimmy Richie, PE	WGI	Engineering	20%	35%	50%
Corey Hill, PE	WGI	Engineering	25%	35%	40%
Stephen Cherry, EI	WGI	Engineering	25%	45%	45%
Sam Hall, PSM	WGI	Survey	35%	35%	40%
Pat Meeds, PSM	WGI	Survey	30%	30%	35%
Eric Matthews, PSM	WGI	Survey	25%	25%	30%
Eric Andelin, CP, GISP	WGI	Survey	40%	45%	55%
Jason Alvarez, CST II	WGI	Survey	25%	30%	35%
Jason Mihalovits, PLA, LEED AP	WGI	Landscape Architecture	25%	40%	40%
Cheryl Callender, PLA, LEED Green Associate	WGI	Landscape Architecture	30%	35%	35%
Angela Biagi, PLA, LEED BD+C	WGI	Landscape Architecture	35%	35%	35%
Bryan Donahue, PLA	WGI	Landscape Architecture	30%	20%	35%
Colin McCann, PLA	WGI	Landscape Architecture	30%	35%	45%
Adam Schildmeier, PE	WGI	Civil Engineering	40%	40%	45%
Chris Holmes, PE	WGI	Civil Engineering	20%	30%	40%
Brian Arnold, PE	WGI	Civil Engineering	20%	30%	40%
Brian Rheault, PE	WGI	Structural	25%	30%	35%
Chris LaForte, PE	WGI	Structural	30%	40%	45%
Tim Sherwood, BI, PE	WGI	Structural	25%	40%	45%
Jeff Bergmann, PE	WGI	Structural	30%	35%	45%
Tim DeLand, PE	WGI	Structural	25%	35%	40%
Keegan Larson, PE	WGI	Transportation	25%	30%	35%

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Jeremy Botto, PE	WGI	Transportation	25%	30%	35%
Mike Madison, PE	WGI	Transportation	20%	30%	35%
Juan Ortega, PhD, PE	WGI	Transportation	20%	35%	35%
Chad Johnson, EI	WGI	Transportation	30%	35%	35%
John Abbott, PG	WGI	Environmental	25%	30%	30%
Greg Griffith	WGI	Environmental	20%	25%	25%
Jerry Renick	WGI	Environmental	20%	25%	25%
Rick Harman	WGI	Environmental	25%	35%	40%
Jerry Saval, PE, CFM	WGI	Water Resources	30%	40%	50%
Cesar Pena, PE	WGI	Water Resources	25%	35%	45%
Liz Perez, PE, D.WRE, CFM	CWR	Water Resources	15%	25%	25%
David Holtz, PE	HCE	Water Resources	20%	25%	25%
Christine Miranda, PE	HCE	Water Resources	20%	30%	30%
Thomas Pierro, PE, DCE	CBI	Coastal and Marine Engineering	25%	30%	35%
Tara Brenner, PG, PE	CBI	Coastal and Marine Engineering	25%	30%	35%
Douglas Mann, PE, DCE	CBI	Coastal and Marine Engineering	25%	35%	35%
Jordon Cheifet, PE, CFM	CBI	Coastal and Marine Engineering	20%	30%	40%
Spencer Waganaar, EI	CBI	Coastal and Marine Engineering	25%	25%	35%



Tab 2: Surveying & Mapping

Chapter 4 PROPOSAL RESPONSE REQUIREMENTS
2 - Surveying and Mapping

A. EXPERIENCE

i. Identify each Professional Service discipline and/or sub-discipline in which Proposer wishes to be considered for award of an Agreement.

WGI wishes to be considered for the following disciplines:

(1) Engineering
(2) Surveying and Mapping
(3) Landscaping architectural design services
(4) Civil
(6) Structural
(7) Transportation
(8) Environmental / Natural Resources
(9) Water Resources/Stormwater Management (includes stormwater, potable water, reuse water, conveyance, supply, transmission, treatment, storage)
(10) Coastal and Marine Engineering

ii. Detailed narrative description documenting Proposer's overall Professional Services background and experience in each Professional Service discipline or sub-discipline in which Proposer wishes to be considered for award of an Agreement as follows:

a. Experience in the following:

(2) Surveying and Mapping

SURVEYING AND MAPPING FOR A CITY OR COUNTY

WGI specializes in providing surveying and mapping services to the public sector, including many Florida cities and counties. We've been a Surveying and Mapping Contract holder with the City of Delray Beach for the last eight years, and during that time have earned a reputation as one of the City's "go-to" survey, mapping, and utility locating consultants. Further, **WGI** currently maintains more than 40 continuing surveying, mapping, and utility locating contracts throughout Florida with clients ranging from Clay County Utility Authority to Sumter County, and from the South Florida Water Management District to the Miami-Dade County Public Works Department. Our comprehensive catalogue of surveying services on these contracts has included boundary and topographic surveys of city and county parks, roadways, treatment plants, and governmental facilities; utility locating services on roadway improvement projects; GIS-based drainage asset inventories for storm water utility planning; citywide aerial elevation surveys for FEMA flood map correction; and FAA compliant surveys of airport runways and taxiways. We look forward to continuing to build upon our successful relationship with the staff serving the residents of City of Delray Beach!

SURVEYING AND MAPPING SERVICES

With our direct past experience, **WGI** is uniquely qualified to provide the City with comprehensive surveying services in addition to specialty services such as GIS, bathymetric survey, aerial ortho-photography, aerial LiDAR, mobile data collection, land purchase/management feasibility, and due diligence studies. Additionally, **WGI** is capable accommodating any request for associated planning, design, permitting, post-design, or adjunct services, as needed by the City.

We recognize that the City has been buffeted by the needs of a growing population and the reduction of available resources mandated by the challenging economic circumstances of the past several years. The City has long utilized consultants to bridge the gap, and the objective of this contract is to obtain qualified support to perform miscellaneous survey services supporting various projects as needed throughout the City. We have acted on behalf of public agencies in this capacity for years and understand that as an extension of your staff, your schedule and priorities are our own. Immediate response is often a priority, and the ability to react quickly to your needs is essential. Thus, it is critical to analyze the project, develop a reasonable scope, price it fairly, and deploy our exceptional technical resources at the earliest possible time.

Upon notification of an impending work order by the City, our Survey Project Manager, Sam Hall, PSM, will schedule a meeting with the project manager at the City's office to fully develop the scope of service and objectives of the work. This meeting will include review of available information, the ultimate intended purpose of the assignment, scheduling requirements, deliverables and final project closeout requirements. Once the scope of service is fully developed, Sam will prepare a project plan outlining the approach, schedule, and key staff required to complete the tasks. Staff hour and fee estimates are then prepared and submitted to the City. Sam will negotiate the staff hour estimate with the City and, upon acceptance, a work order is issued and the project plan is implemented.

The right skills and individuals must be leveraged to ensure timely and efficient execution of assignments. Upon receipt of an executed work order, Sam assembles a Project Team for the assignment, pairing field and office personnel with responsibilities in terms of individual expertise and with full consideration of City expectations. Typically, the Project Team will include a project surveyor, survey/GIS technicians, and field parties qualified for the individual assignment. The Team remains intact until the completion and approval of their project, allowing for easy tracking of task accountability throughout. Sam's hands-on management of the Project Team and the availability of multiple project surveyors provides single-point accountability, professional oversight of all aspects of the work, and facilitates **WGI's** ability to handle multiple simultaneous assignments.

Further, while we understand that this contract is not for a specific task, we are keenly aware of the many elements a work order may entail. Our extensive work with municipal clients, including the City, has afforded us the opportunity to provide all of the potential services of the contract. These assignments may be issued over a wide variety of locations, from busy roadways to parks and conservation areas, or within the City's administrative facilities. While it is impossible to expound upon a specific approach to all of the services we may provide, an overview of our offerings is presented below.

TOPOGRAPHIC AND ROUTE SURVEYS

Our history related to topographic surveys is diverse and comprehensive. **WGI's** strength lies in our ability to pair technological resources and staff to individual project requirements in light of frequently challenging site conditions. While it is our experience that no topographic survey is typical, we usually begin an assignment by engaging with staff to ascertain the objective of the survey and establish a preliminary schedule. A site visit follows in order to better understand the project scale, develop the tools necessary to expeditiously complete the project, and formulate a data collection plan.

REAL ESTATE BOUNDARY SURVEYS

Whether to support a closing for a new City park or a right-of-way take supporting a roadway widening, accurate determination of parcel boundaries is crucial. In this regard, **WGI** understands that boundary surveying is an intensely local profession, and local knowledge is essential in providing an efficient solution to sometimes complicated boundary concerns. Sam has extensive experience providing boundary and retracement surveys, and has helped to resolve past boundary issues including parcel overlaps and hiatuses, maintained roadways without dedications, conflicting corner locations, and errantly described alloquot parcels.

GPS DATA COLLECTION

WGI has performed thousands of surveys using GPS relative position techniques. We have extensive experience in Real Time Kinematic (RTK) data collection practices, including internet-based RTK surveying using several of Florida's public and private reference networks. These practices permit rapid establishment of survey control without the need to traverse long distances from available ground stations, and likewise allow for topographic and feature collection at accuracies <.2' without the need to establish fixed ground control. For GIS data collection or inventories for asset management system development, lesser accuracies may be acceptable. In these cases, **WGI** leverages a wide variety of sub-meter hand-held and pole-mounted differential GPS systems. These systems are ideal for tree inventories/surveys, asset inventories, and location of non-critical features, and provide a cost-efficient means of obtaining location information if elevations and precise locations are not required.

UTILITY SYSTEM MAPPING

WGI's range of state-of-the-art electromagnetic (EM), magnetic, sonic/acoustic, ground penetrating radar (GPR),

and live-line detectors, are used to detect and map buried utility lines. Multiple technologies and techniques are required in order to provide confident detection of all facility types and materials. Utilities are marked in the field using APWA compliant color-coded pavement paint and/or flagging. Occasionally, field markings are all that is required. **WGI** is also capable of providing highly accurate surveying using global positioning systems (GPS) or optical total stations. This data can then be used for the creation of utility maps or overlays for geographic information systems (GIS). If precise XYZ location and descriptions of buried facilities are required, **WGI** can mobilize one of four Vacmaster 4000 Vacuum Excavation vehicles to obtain this critical information.

FACILITIES AND SPECIFIC PURPOSE SURVEYS

Management of City-owned facilities is a critical function of municipal government, and accurate surveys contribute to efficient and sound management decisions. **WGI** has completed hundreds of surveys of government facilities, control structures, treatment plants, and lift stations. In these instances, we work closely with those requesting the survey to obtain the right information and format it so the downstream user can leverage the data with no additional effort.

UAS-BASED AERIAL SERVICES AND MOBILE DATA COLLECTION

WGI's cutting-edge technology resources include a full fleet of vertical takeoff and landing and fixed-wing Unmanned Aerial Systems (UAS) for airborne mapping applications. Eric Andelin, CP, is a certified photogrammetrist who focuses exclusively on aerial mapping using UAS, and has completed more than two dozen projects for public agencies using this highly efficient and effective tool. **WGI** also maintains and operates a Pegasus: 2 terrestrial mobile LiDAR sensor, capable of collecting more than 1 million data points per second while travelling at posted speeds. This data is reduced to conventional CAD or GIS format, and is ideal for roadway surveys, conditions assessments, and asset management data collection.

Each of these tools affords the City a means of collecting highly detailed survey information for design and planning at a fraction of the time required for conventional survey. **WGI's** investment in these tools was intended to provide our public sector clients with higher quality products, earlier in the schedule, and at a better value as compared to the "old fashioned way." The City can rest assured that you'll be working with informed professionals, intent on delivering value by using the latest technology, throughout the contract term.

ADDITIONAL SERVICES

GEOGRAPHIC INFORMATION SYSTEMS (GIS) SERVICES

Survey Project Manager Sam Hall, PSM, will oversee GIS-related activities as needed. In addition to being a trusted supplier of geographic data to several Florida counties and municipalities, Sam has provided in-house GIS training and support to the Florida Department of Transportation, Orange County, Broward County Aviation Department, Town of Davie, and Miami-Dade County Water and Sewer Department. Most importantly, Sam maintains an in-depth understanding of how survey data is created and enhanced in the GIS context, and has supervised large-scale GIS data acquisition and conversion projects on behalf of agencies with interests and objectives very similar to those of the City. His ability to leverage **WGI's** comprehensive inventory of surveying field equipment and office software to generate high quality geographic data will prove uniquely valuable over the course of the contract.

BATHYMETRIC SURVEYS

The **WGI** Team also offers comprehensive hydrographic and bathymetric surveying capacity. **WGI's** key hydrographic survey staff is certified in HYPACK 2013/2014, and receives yearly three-day training directly from HYPACK in single beam processing, multibeam processing, navigation, Hysweep, and Dredgepak for volume calculations. Our available hydrographic resources include multiple vessels which support nearshore surveys, smaller craft to support surveys of inland canals and estuaries, and single beam and multi-beam fathometers.

EXPERT WITNESS

Sam is currently providing expert witness and consulting services to the defense council for the City of Ormond Beach. In 2009, an existing 10" force main was struck and ruptured during a directional drilling operation under the Tomoka River along US Route 1 in Ormond Beach. The force main rupture resulted in a discharge of raw

sewage into the Tomoka River. During the reaming phase of the drilling operation, an existing 12" water main was struck and ruptured. **WGI** was placed under continuing contract to provide utility locations, including horizontal and vertical location of the directional bores for the existing water and force mains. Sam utilized a combination of utility test holes, utility designating, and subaqueous wire-lining to confirm that the locations of the existing underground utilities corresponded to the construction plans.

VALUE ADDED SURVEYING SERVICES

WGI understands that our ultimate objective under any continuing professional services contract is to provide value to the owner, and in the case of our public sector clients, the residents of each municipality. Our experience providing the services specifically required under this solicitation have allowed us to develop custom workflows which are uniquely geared toward collecting and presenting survey and utility information in the context most easily leveraged by the "downstream" user. **WGI's** comprehensive catalogue of surveying and mapping equipment allows us to efficiently and effectively complete any potential assignment. Our ability to leverage these tools with the experience of our staff allows us to provide any potential survey service in the most cost-efficient means available. From 3D scanning of existing overhead transmission lines to location of underground piping systems; from comprehensive wastewater facility surveys to asset management system implementation, **WGI** has the technology resources and relevant project experience to deliver the results the City requires.

b. Experience in other related services that complement the above referenced Professional Services.

SUBSURFACE UTILITY ENGINEERING (SUE)

With over 30 years of experience, **SUE Division Manager Erik Brueningsen, PE**, proficiently manages any utility locating or utility coordination task that may arise. The prime objective of any utility locating assignment is a well-documented, high quality deliverable completed on time and within budget. In this regard, **WGI's** approach to utility locating focuses on providing solutions to your utility concerns; not simply obtaining location coordinates. Each assignment is viewed individually to determine the best approach, in light of the overall project objective, so as to achieve a cost-effective and quality driven deliverable. Using the most current technology available and a "best practices" approach, our associates are trained to provide Quality Level investigations per the ASCE and FDOT current guidelines. Our in-house tools and extensive field experience are not the end of our investigations; our excellent relationships with area Utility Agency Owners (UAOs) serve to expedite requests for available records, permits and as-builts to supplement all field investigations. This leads to the highest possible likelihood that all facilities will be identified and located, then correlated to their respective owners. With three "Vac" trucks, a full range of professional utility support services, and experienced personnel highly trained in surveying and mapping, Ground Penetrating Radar (GPR), vacuum excavation, high-definition laser scanning, Global Positioning Systems (GPS), Geographic Information Systems (GIS) and Computer Aided Design (CAD), **WGI** provides comprehensive services that are second to none.

UTILITY COORDINATION

WGI understands that effective utility coordination play a critical role in the successful completion of any project. **Robert Lowen**, 42 years of service for AT&T, and **Alan Boaz**, 33 years of service for FPL, provide a depth of resources and contacts that are unmatched in the industry. Our coordination efforts begin by completing a Sunshine State One Call of Florida (SSOCOF) design ticket, used to identify participating UAOs that have existing or potential interests within the project limits. We recognize that not every UAO is an active member of SSOCOF; therefore, we seek out other UAOs through points of contact with participating UAOs, the existing **WGI** Utility Database, **WGI's** history with ongoing and completed projects, and other available sources. Research will be conducted to obtain all executed utility work schedules, utility records or utility as-built prints, as well as all plans for other proposed improvements. All utility information collected from the UAOs and our own field investigation will be incorporated into project plans for identification and avoidance of utility conflicts.

An important aspect of utility certification is the complete documentation of the utility process and the deliverables. In every case, all final documents must be clear and concise without need for additional clarification. Emphasis is placed on utility conflict avoidance, an area in which we excel. Our roadway, utility design and construction experience, combined with our design-build problem solving, provides unique insight into the art and science of utility conflict identification and innovative design resolution.

The objective of this contract is to serve the City on a wide range of utility location and utility coordination assignments of varying complexity. The WGI Team was assembled for exactly this purpose. Schedule is paramount, immediate response is a priority, and providing the depth of resources to handle multiple simultaneous assignments is critical in ensuring that assignments are handled on time and within budget.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has diverse viewpoints and concerns on issues pertaining to their specific neighborhood needs. When the public is involved in the decision-making process, such input has a real potential to positively shape the final set of actions and outcomes. Equally important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Successful public participation activities are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. To that end, it is critical that all involved have a clear understanding of the project's goals, objectives and strategies.

WGI's planners and designers have in-depth experience with redevelopment activities that involve removing the social barriers implanted by the corridors within a community. An example of this local understanding is shared by **Jennifer Hofmeister, AICP, WGI's** public outreach coordinator and director of public planning. While a neighborhood planner for the City of Delray Beach, Jennifer was educated on the historical significance of Swinton Avenue during and post segregation. She was an advocate for the African-American neighborhoods, with regular attendance at neighborhood meetings, and worked alongside the residents in developing neighborhood plans and implementing neighborhood improvement projects. Similarly, Jennifer was the former project manager for the Pleasant City neighborhood and the Northwood District in the City of West Palm Beach. During her tenure with the West Palm Beach CRA, she served as the medium between the community and the CRA where she implemented programs to revitalize the area and redesign physical elements that represented social barriers within the community.

Jennifer currently oversees a four-year, $40M road program in the City of Lake Worth. As Lake Worth's Public Involvement Coordinator, she has developed an extensive Public Involvement Plan that serves as a guide for ongoing public participation throughout the design and construction of the road program. **WGI** developed and maintains a multi-lingual interactive website and hotline for the City of Lake Worth offering residents a point of contact and serving as an information center for public inquiry. The Coordinator role maintains consistency, cohesiveness, and collaboration among City staff and consultants, resulting in the most effective public outreach and engagement process possible.

Additionally, **WGI** has been retained by the Westgate CRA to conduct a Westgate Corridor Streetscape Study, funded by the Florida Department of Economic Opportunity (FDEO). The Study will guide the development of a streetscape plan to improve walkability and other multi-modal transportation opportunities. Simultaneously, the goal of the plan is to beautify and enhance the area to attract new investment and promote economic development opportunities. As mentioned, a critical component to the success of any public project is participation from those most affected. For this effort, the public participation process incorporated a two-part planning design charrette that provided a forum for ideas and offered the unique advantage of giving immediate feedback to the **WGI** planners and designers. More importantly, it allowed everyone who participated to take part in authoring the plan.

Finally, **WGI** public outreach efforts include a citizen-driven "Complete Streets" project for one of West Palm Beach's premier gateways, Banyan Boulevard, in the downtown. The Banyan Boulevard Improvement Project is more than a physical redesign of a West Palm Beach downtown corridor. If properly executed, the project has the power to unite, physically and socially, historically significant West Palm Beach neighborhoods and business districts, and the people who reside and work within them. With that historical insight, the **WGI** Team approach is to bring our passion and expertise out to the community and, through the eyes of the residents, uncover a new gateway to the heart of the downtown.

c. WGI's awards, certifications, or other recognition received by Proposer relative to work on projects in the designated Professional Services.

WGI has won several engineering awards for both traditional design-bid-build projects as well as design-build projects. We pride ourselves on the accomplishments we have made in the design of our clients' projects.

Listed below are awards WGI has won in the past three years:

- ✓ 2014 Engineer's Council Distinguished Engineering Project Achievement Award – Big John Monahan
- ✓ 2014 Zweig White Hot Firm – A Top 100 Firm (#41)
- ✓ 2014 Zweig White "Best Firms to Work For" Award
- ✓ South Florida Business Journal – Top 25 Engineering Firms #6 (June 2014) (# of PEs)
- ✓ 2014 Inc. 500/5000 List - #3767
- ✓ 2014 DBIA Florida Project of the Year Award – Big John Monahan Bridge Replacement Design-Build
- ✓ 2014 DBIA Florida Best Overall Design-Build Project of the Year – Big John Monahan Bridge Replacement
- ✓ 2015 ACEC National Recognition Award – Big John Monahan Bridge Replacement
- ✓ 2015 Florida Institute of Consulting Engineers Grand Award – Big John Monahan Bridge Replacement
- ✓ 2015 ENR Top 500 Design Firms - #338
- ✓ 2015 ENR Southeast Top Design Firms - #24
- ✓ 2015 Zweig Group Top 100 Fastest Growing Companies - #39
- ✓ 2015 Zweig Group Best Firms to Work For - #42
- ✓ 2015 South Florida Business Journal Top 100 Fastest Growing Companies - #70
- ✓ 2015 South Florida Business Journal Top 25 Engineering Firms - #6
- ✓ 2015 Inc. 5000 Fastest Growing Private Companies - #3425
- ✓ 2015 South Florida Business Journal Fast 50 Honoree - #12
- ✓ 2015 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue - #23
- ✓ 2016 South Florida Business Journal Top 100 Fastest Growing Companies - #60
- ✓ 2016 South Florida Business Journal Top 25 Engineering Firms - #10
- ✓ 2016 ENR Top 500 Design Firms - #253
- ✓ 2016 ENR Southeast Top Design Firms - #17
- ✓ 2016 Zweig Group Hot Firms List (Top 100 Fastest Growing Companies) - #5
- ✓ 2016 Zweig Group Best Firms to Work For - #19
- ✓ 2016 Zweig Group Marketing Excellence Award – 1st place in Internal Marketing; 2nd place in Integrated Marketing
- ✓ 2016 Zweig Group Trifecta Award
- ✓ 2016 South Florida Business Journal Fast 50 Honoree - #7
- ✓ 2016 Inc5000 - #1609
- ✓ 2016 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue
- ✓ 2016 DBIA Florida Honor Award for US 41 from SR 951 to Greenway Road Design-Build
- ✓ 2016 Statewide Business Journal Fast 100 List - #37
- ✓ 2017 University of Florida Gator 100 Fast Growing Companies - #29
- ✓ 2017 South Florida Business Journal Top 25 Engineering Firms - #5

iii. Submit five client references for whom Proposer has provided Professional Services similar to those specified in this RFQ in the past five years and who are agreeable to respond to a request from the City regarding proposer's experience.

REFERENCE 1 - SW 2nd Street Improvements

a. Organization name: City of Delray Beach
b. Contact name(s): Isaac Kovner, PE, City Engineer
c. Contact email address: kovner@ci.delray-beach.fl.us
d. Address: 424 S. Swinton Avenue, Delray Beach, Florida 33444
e. Telephone and fax numbers: Phone: 561-243-7341 Fax: N/A
f. Dates of service (start/end): From: 03/2011 To: 06/2012
g. Scope (Type of Professional Service provided): The City of Delray Beach approved upgrades for a one-mile stretch of residential neighborhood roadway that included landscaping, traffic calming, drainage improvements and sidewalks. WGI was asked to prepare a topographic survey to include existing sidewalk, grades, above and underground utilities, and other improvements that may affect the design. After researching several subdivision plats and other recorded documents, field crews were deployed to locate any existing property corners and right-of-way monuments. Next, survey crews worked with our utility designating crew to locate buried utilities and other above ground improvements. Surveys were prepared and provided to the City and design engineer as hard copies and AutoCAD formatted files

REFERENCE 2 - Palm City Farms Survey

a. Organization name: Martin County Survey Division
b. Contact name(s): Michael O'Brien, PSM, CFM
c. Contact email address: michaelo@martin.fl.us
d. Address: 2401 S.E. Monterey Road, Stuart, Florida 34996
e. Telephone and fax numbers: Phone: 772- 288-5418 Fax: N/A
f. Dates of service (start/end): From: 11/2016 To: 12/2016
g. Scope (Type of Professional Service provided): This project consists of the resurfacing and replacement of approximately 16.5 miles of roadway, located in Palm City Farms, Martin County, Florida. WGI prepared a Specific Purpose Topographic Survey utilizing traditional survey techniques combined with mobile LiDAR collected with a Pegasus 2 unit. 3D mapping included the existing asphalt roadways, driveway connections, and drainage systems location/invert elevations.

REFERENCE 3 - Broward County Planning Assistance to the States

a. Organization name: USACE Jacksonville, Attn: CESAJ-EN-TA/Lisa Labs
b. Contact name(s): Darin Moore, PSM
c. Contact email address: darin.l.moore@usace.army.mil
d. Address: PO Box 4970, Jacksonville, Florida 32232
e. Telephone and fax numbers: Phone: 904-232-2471 Fax: 904- 232-2369
f. Dates of service (start/end): From: 01/2017 To: 02/2017
g. Scope (Type of Professional Service provided):WGI performed a topographic survey to support a Planning Assistance to the States (PAS) project, located in the Hollywood Lakes neighborhood along the Intracoastal Waterway in Broward County. Topographic data points and hydrographic soundings were obtained along 8 miles of seawalls and grass berms, as well as several detailed areas utilizing RTK GPS from a vessel. Data was used to model existing conditions which relate to increasingly frequent flooding of local streets, particularly during extreme high tide events, and facilitate alternative plans to reduce flooding such as installing or raising seawalls, or raising the elevation of waterfront streets or land

REFERENCE 4 - L-8 Topographic and Hydrographic Survey

a. Organization name: South Florida Water Management District
b. Contact name(s): Howard Ehmke
c. Contact email address: hehmke@sfwmd.gov
d. Address: 3301 Gun Club Road, West Palm Beach, Florida 33406
e. Telephone and fax numbers: Phone: 561-682-2978 Fax: N/A

f. Dates of service (start/end): From: 12/2012 To: 01/2013
g. Scope (Type of Professional Service provided):WGI performed hydrographic, topographic, and as-built surveys of the L-8 Canal. Using RTK GPS, cross sections were taken at 1,000' intervals along Levee L-8 to the South tieback levee - approximately 22 miles. Additionally, the size, shape and invert elevations on all inflow points were located. Single beam hydrographic surveys were performed to generate a centerline profile for the length of the project and build a DTM of the canal bottom at specific locations. This project is part of a suite of projects that were established to achieve compliance with the State's phosphorous criterion in the Everglades Protection Area.

REFERENCE 5 - Florida's Turnpike Enterprise Continuing Contract
a. Organization name: Northern Palm Beach County Improvement District
b. Contact name(s): Mike Joiner
c. Contact email address: mike.joiner@dot.state.fl
d. Address: P.O. Box 613069, Ocoee, Florida 34761
e. Telephone and fax numbers: Phone: 407- 532-3999 Fax: 407-822-5821
f. Dates of service (start/end): From: 2011 To: Ongoing
g. Scope (Type of Professional Service provided): This contract includes miscellaneous surveys and utility location assignments throughout the Turnpike's South System, from the HEFT in Miami-Dade County to Osceola County. WGI serves as the Turnpike's utility locator, providing utility records research, utility designations, and test holes on FTE owned facilities during design and construction. Miscellaneous survey assignments include horizontal and vertical geodetic control, hydrographic, right-of-way mapping, record as-built, mobile and terrestrial Lidar, and Subsurface utility exploration surveys. Final products included project network control surveys, right of way maps, 3D digital terrain models, and record as-built surveys with utility locations.

iv. Submit the following information documenting experience of the key personnel proposed by Proposer to include, but not limited to the following:

a. List of up to five key personnel who are proposed for work on this project to include any subcontractors.

- ✓ Sam Hall, PSM (WGI)
- ✓ Pat Meeds, PSM (WGI)
- ✓ Eric Matthews, PSM (WGI)
- ✓ Eric Andel in, CP, GISP (WGI)
- ✓ Jason Alvarez, CST II (WGI)

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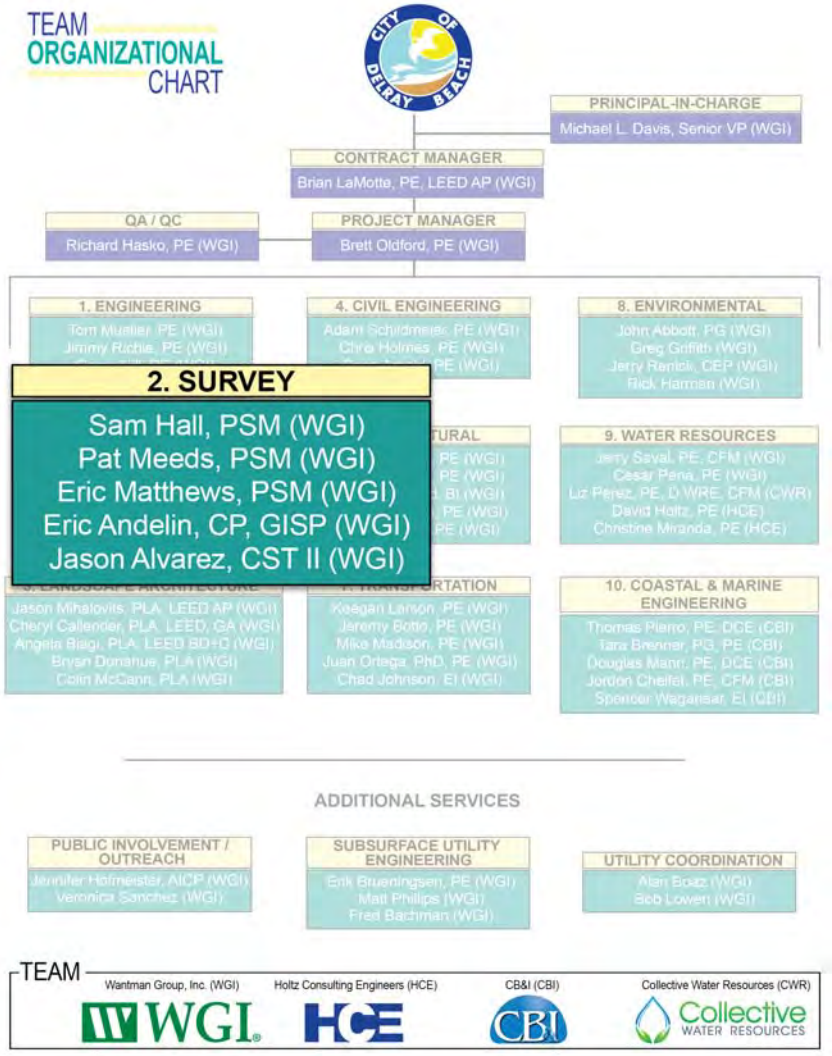
b. Provide the role of each of the above referenced personnel within the provision of services.

- ✓ Sam Hall, PSM (WGI) - technical lead for surveying and mapping
- ✓ Pat Meeds, PSM (WGI) -senior professional land surveyor for surveying and mapping
- ✓ Eric Matthews, PSM (WGI) - senior professional land surveyor for surveying and mapping
- ✓ Eric Andelin, CP, GISP (WGI) - lead photogrammetrist and GIS professional for surveying and mapping
- ✓ Jason Alvarez, CST II (WGI) - mobile LiDAR and GIS specialist for surveying and mapping



c. For each key personnel listed above, provide a resume/bio of the individuals experience, qualifications, work history, education and any related licenses and certifications.

(see the following pages)

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RELEVANT EXPERIENCE

Barrier Island Drainage Study, City of Delray Beach, Project Surveyor. Sam served as senior GIS analyst for this project. Services included providing a bare-earth reduction elevation dataset within a 9-square mile study area along Delray Beach's Barrier Island. Publicly available Florida Department of Disaster Management aerial LiDAR (Light-Detection and Ranging) information was enriched and color coded using WGI's laser scanning processing software and ArcMap's Spatial Analyst Extension. This "point cloud" data was rectified to the National Geodetic Vertical Datum of 1929 (NGVD29) for comparison with FEMA flood maps. Low areas were identified and correlated to existing drainage information for planning of future public works improvement projects.

Farm Road Reconstruction, Martin County, Project Surveyor. The project consists of the restoration and/or reclamation of approximately 4.75 miles of SW Farms Road, located in Indiantown, Florida, under Martin County's new Infrastructure Reinvestment Program. The project limits begin at the canal located approximately 1.75 miles west of the intersection of SW Farms Road and Silver Fox Lane and extend east to the intersection SW Farms Road and Railroad Avenue.

FEMA Flood Map LiDAR Survey, Palm Beach County, Village of Wellington, Project Surveyor. In an attempt to mitigate undue flood insurance expenses to Village of Wellington residents resulting from widespread erroneous flood classification, WGI provided the certified elevation data needed to enhance the accuracy of FEMA flood maps within the Village limits. In total, the study area for the project included approximately 48 square miles and encompassed the developed limits of the Village of Wellington. WGI utilized aerial Light Detection and Ranging (LiDAR) to acquire elevation data on a 2-foot grid throughout the project area. Control for the project was established using static GPS methods, which included precise elevation determination in accordance with National Geodetic Survey guidelines. Two hundred ground classification elevation positions were also collected using conventional survey methods, and more than 300 geo-referenced ground cover photos were obtained.

Saddle Trail Park (South) Neighborhood Improvement Project, Palm Beach County, Village of Wellington, Project Surveyor. WGI provided surveying, engineering design, cost estimates, permitting, public involvement assistance, bond assistance, and construction engineering services for the Saddle Trail Park (South) Neighborhood Improvement project. Key components of the project included the paving of existing shellrock roads, construction of new equestrian bridle trails, construction of new public water mains, driveway connections and drainage system reconstruction. Full route surveys were provided, which included horizontal and vertical control surveys, survey of the existing rights-of-way for all roads, review of title to determine easement location and impacts to design, drainage surveys, and utility locating. Special care was taken during the course of the field work so as not to disturb equestrian operations at adjoining horse farms and facilities.

Stormwater Infrastructure, Miami-Dade County, Project Manager. WGI was tasked with locating the existing drainage system including inlets, pipes, catch basins, manholes, and outfalls along NW 42nd Avenue from SR 836/Palmetto Expressway to NW 171st Street and along NW 173rd Drive from NW 47th Avenue to NW 37th Avenue.

Sam Hall, PSM

Survey

PROFESSIONAL PROFILE:
Sam focuses the majority of his time on public sector surveying and mapping projects, with past clients including municipalities, counties, Department of the Navy, Department of Military Affairs, Army Corps of Engineers, Department of Environmental Protection, South Florida Water Management District, and FDOT. He has distinguished himself with his ability to pair technological resources and GIS expertise with surveying techniques to achieve project objectives..

REGISTRATIONS:
Professional Surveyor/ Mapper: Florida #LS6644, 2008

Professional Land Surveyor: Maine #2512, 2014

CERTIFICATIONS:
Intermediate Maintenance of Traffic

TWIC

EDUCATION:
Bachelor of Science, Geography - University of Maine, 2005

Master of Science, GPS Satellite Surveying and Conformal Mapping - University of Maine, 2007

TOTAL YEARS EXPERIENCE: 18

WGI

RELEVANT EXPERIENCE

City of Boynton Beach Surveying and Mapping Services, Palm Beach County, City of Boynton Beach, Project Manager. As project manager, Pat provides professional surveying, mapping, utility locating, and LiDAR services to the City of Boynton Beach on a continuing contract basis. Services include route/topographic surveys, surveys for facility design, data collection for asset management systems implementation, Terrestrial Mobile LiDAR services, boundary surveys, utility locating (Quality Level A and B), and other services as directed by the City.

Woodwind Lane Congregate Living Facility, Palm Beach County, Lenity Architecture, Survey Project Manager. Pat was the survey services project manager and was responsible for their tasks. WGI provided construction phase services and survey services for the Lake Worth Senior Living Project in Lake Worth, Florida. Construction phase services included attendance of preconstruction meetings, shop drawing review, field observations of construction, responding to requests for additional information, coordination and submittal of record drawings, field reviews, and construction certification submittals. Survey services included updating the boundary survey and preparing and submitting the final plat.

East Main Place Roadway Improvements, Palm Beach County, City of Pahokee, Survey Project Manager. The 50-foot roadway design included two 12-foot wide travel lanes, two 4-foot bike lanes, two 5-foot sidewalks. One element of the design included the replacement of the Type “F” curb and gutter, pavement, sidewalks, and drainage system repair. The design included the complete reconstruction of the road section including the road base material, construction of driveway turnouts at all existing driveways, a 12-inch watermain relocation, drainage system improvements, and pavement signing and marking. Services included engineering design, surveying, permitting, and bidding assistance. This project was adjacent to a Palm Beach County elementary school and the design and construction took into account the student's testing schedules and bus and parent pick-up and drop-off access issues. Funding for this project was through the Florida Department of Transportation's Specific Appropriation for Rural Areas of Opportunity (SCOPP) Funding Program.

Cheney Ranch PUD (aka Pointe of Woods), Palm Beach County, Foxford Communities FL, LLC, Project Manager. Pat managed a crew to survey the area of Humphries Lane owned by the client. WGI Land Design, Civil and Survey Divisions are designing, permitting, and platting a 40-acre residential property planned for 109-single family residential units on two adjacent, but separate, parcels of land. Stormwater design includes on-site drainage that will need to comply with the restrictive SFWMD C-51 storage criteria. Two separate lift station designs are required to serve the two properties and will be designed to Palm Beach County Water Utilities Department design standards. WGI was also contracted to perform construction administration, inspection, and certification services.

Meadowood Community Surveys, St. Lucie County, Lennar Homes, LLC, Project Manager. Pat prepared five individual boundary surveys for Lots 192, 194, 195, 196 and 197 per the plat of "Monte Carlo Country Club - Unit Two", delineating lot lines, adjacent right-of-way lines, platted easements, address and easements of record as provided by client. Existing improvements were also located.

Patrick Meeds, PSM

Survey

PROFESSIONAL PROFILE:

Patrick has over 39 years of extensive experience in expert witness testimony, ALTA boundary surveys; right-of-way control survey and maps; horizontal and vertical control surveys; topographic surveys; hydrographic surveys; mean high water line surveys; PLSS retracement surveys; digital terrain models, contours, and profiles; and platting. He served as an instructor for the AS Surveying degree program at Palm Beach Community College and recently published the “Grid to Ground” seminar, which is approved for three continuing education credits by the Board of Regulation for Professional Surveyors and Mappers.

REGISTRATIONS:
Professional Surveyor/ Mapper: Florida #4728, 1989

EDUCATION:
Associate of Science, Land Surveying - Palm Beach State College, 1981

AFFLIATIONS:
Florida Surveying and Mapping Society

National Society of Professional Surveyors

TOTAL YEARS EXPERIENCE: 39

WGI

RELEVANT EXPERIENCE

St. Lucie County Central County Wastewater Treatment Facility (Capacity and Phasing Evaluation), St. Lucie County. WGI (Prime) evaluated the feasibility and optimal phasing of the development of the Central County Wastewater Treatment Plant located at the St. Lucie County Baling and Recycling Facility site. A package wastewater treatment facility was supplied to the County and will be installed for the initial phase to serve the SLCU Central County Service Area. WGI evaluated the plant's treatment and disposal capacity in the initial phase based on the treatment capacity of the packaged treatment units and the site's effluent storage and disposal capacity from a combination of reuse via irrigation of green space and percolation in the RIBs on the 5.5-acre site**.**

All Aboard Florida Fort Lauderdale Station, Broward County, Flagler Real Estate Development Corp., Project Manager. Eric was responsible for overall management of survey coordination, as well as preparation of boundary and topographic surveys, sketch and legal descriptions for aerial easements and roadway abandonment. WGI provided land surveying and utility designation services for two major train stations (Fort Lauderdale and West Palm Beach). Florida East Coast Industries (FECI) is building an independently owned intercity passenger rail service to be utilized by millions of Floridians and tourists. Phase I will connect Miami to Orlando with stops in West Palm Beach and Fort Lauderdale. In order to meet a very difficult schedule, and keep field personnel safe, WGI utilized the latest technology, including GPS to set high accuracy control points throughout the proposed area and laser scanning to "scan" improvements within the railroad right-of-way. These technologies assisted in keeping survey personnel away from moving trains and eliminated the need for railroad flaggers. WGI was also able to provide highly accurate heights and locations of existing buildings for architectural design. Utilities were researched and marked by our designating crew and combined with visible locations to create a comprehensive "picture" of all improvements. Sketches and legal descriptions were prepared to create "aerial easements" for above-rail pedestrian crossings. All work was delivered in Auto CAD Civil 3-D format to be used by other design professionals.

Village Walk Boundary Survey and Plat, Village of Wellington, Project Manager. Eric was responsible for project scoping, scheduling, budgeting, and billing; QA/QC; boundary resolution, and coordination with client, team members, and engineers. WGI prepared a boundary and topographic survey of the 15.5-acre site to support the design and platting of the Village of Wellington's proposed and relocated tennis facility. Direct coordination with the Village of Wellington and the Engineer-of-Record was performed during all surveying services. WGI also created the plat to support the future development and adhere to the Village of Wellington's Land Development Code.

Dune Crossovers, Palm Beach County, Town of Jupiter, Project Surveyor. Eric provided professional survey services at the 18 dune crossover locations. The Town of Jupiter maintains a total of 24 beach dune crossovers (walkovers) along A1A. The dune crossovers are used by residents and visitors to safely access the beach, but prevent damage to the dune vegetation and, depending upon the season, loggerhead turtle nests. The existing 18 beach dune crossovers have aged and the harsh marine environment, storms and vandalism have led to a condition that requires more extensive rehabilitation and replacement. WGI provided survey services, structural design services, and construction phase services for this project.

Eric Matthews, PSM

Survey

PROFESSIONAL PROFILE:
Eric has 22 years of experience in all aspects of the profession ranging from the field to the office. Eric has over 10 years of experience in land development, with clients in both the private and public sector, including numerous federal, state, and local agencies. In addition to his professional surveying experience, Eric is the past president and active member of the Indian River Chapter of the Florida Surveying and Mapping Society.

REGISTRATIONS:
Professional Surveyor/ Mapper: Florida #LS6717, 2009

CERTIFICATIONS:
CSX Safety

EDUCATION:
Bachelor of Science, Geomatics - University of Florida, 2007

AFFLIATIONS:
Florida Surveying and Mapping Society

National Society of Professional Surveyors

TOTAL YEARS EXPERIENCE: 22

WGI

RELEVANT EXPERIENCE

Unmanned Aircraft Systems (UAS) Guidelines, Hernando County, Southwest Florida Water Management District, UAS Project Manager. Due to his expertise in the use of UAS technologies, Eric serves as project manager. WGI will develop guidelines for the use of UAS in the safe and legal operations throughout the District. The guidelines will reference current FAA regulations, Florida State Law, insurance requirements and standard operating limitations required for contracts within the Southwest Florida Water Management District.

Boyette Booster Station Boundary Survey, Hillsborough County, Tampa Bay Water. As a certified photogrammetrist, Eric is responsible for the UAS flight and processing of imagery. This Tampa Bay Water task order assignment is an 11.5-acre boundary and topographic as-built survey being completed utilizing a variety of modern survey technologies. RTK GPS is being used for the site control and property monumentation location. Digital leveling techniques were utilized for the vertical control and site benchmarks. For the terrain modeling and planimetrics, a combination of fixed wing UAS and static LiDAR was employed in a data fusion process. Additionally, RTK techniques are being applied for any infill areas. As part of the QA/QC process for this project, comparisons were made between the static LiDAR-derived point cloud and the UAS-derived imagery-based point cloud. This enabled the technicians to use the best available data when creating the ground surface model and also allowed for QC of the 2D features for the developed portions of the project site.

Volume Survey North County Landfill 2016, Palm Beach County, Solid Waste Authority of Palm Beach County. The Solid Waste Authority (SWA) engaged WGI to compute the volume of numerous debris stockpiles at the SWA facility. WGI, using Unmanned Aerial Systems (UAS) technologies was able to accomplish this task, for a total volume of 9,584 cubic yards in a 3-hour flight time. This includes the establishment of ground control to accurately collect and process the stockpile volumes. Several of the piles were manually cross-sectioned to vet the UAS data accuracy and the difference between manual cross sections and UAS data collection was 1%. Conventional survey methods would have taken approximately 2 days of field and office processing. The UAS data collection and processing took 7 hours, giving the SWA the benefit of time and cost savings for the project.

IH-30, Dallas, TX, TxDOT, Project Manager. As a project manager, Eric managed the IH-30 mobile mapping project for TxDOT Dallas District, providing scanning from Edge of Pavement (EP) to EP for an 18-mile segment of I-30 from the Trinity River to beyond the Davis Street Overpass in Arlington. New aerial imagery was also acquired and matched to an existing auto-correlated surface for generation of new color orthos from right-of-way to right-of-way. The deliverable included a surface accurate to .06' at 1 sigma and typical TxDOT mapping deliverables. Control was placed no further than 1,200-foot spacing and sight calibrations were performed to encompass the project area. Level loops were also run through portions of the Mobile Mapping System control to assist in meeting accuracy requirements. Supplemental LiDAR data was collected using our Leica C-10 Static (tripod mounted) laser scanner where voids were found.

Eric Andelin, CP GISP

Survey

PROFESSIONAL PROFILE:

Eric specializes in transportation-related mapping services. He employs a client-centered approach to project management by obtaining a thorough understanding of client objectives and striving to exceed client expectations. Eric has distinguished himself with his ability to pair technological resources and staff to individual project requirements, delivering high quality mapping products on time and within budget. He has successfully completed projects for the FDOT, Arkansas Highway and Transportation Department, Caltrans, KDOT, TxDOT, and WisDOT.

CERTIFICATIONS:

Certified Photogrammetrist, 2013

Geographic Information Systems Professional, 2010

EDUCATION:

Master of Business Administration, Business Administration and IT - Baker University, 2004

Bachelor of Business Administration, Business Administration and IT - Baker University, 2002

TOTAL YEARS EXPERIENCE: 18

WGI

RELEVANT EXPERIENCE

South Florida Water Management District Pump Station No. S-5A, Pump/Generator Room Laser Scanning, Survey Technician. Jason was responsible for the survey control, set-up, and location coordination to perform laser scanning of the main pump and generator room for the 4,800 CFS, S-5A pump station located north of the SFWMD Water Conservation Area 1. The laser scan data provided the District with an accurate and detailed representation of the existing mechanical and electrical facilities in the pump room that can be used to propose design modifications and upgrades to the pump station. Due to the critical nature of this pump station and its operational status, WGI was required to obtain the scanning data without having to take the pump station out of operation. The District now has a complete and accurate model that can be used for inventory and to design for retrofitting and future upgrades.

Florida's Turnpike Widening from Atlantic Boulevard to Palm Beach County Line, Broward County, Florida's Turnpike Enterprise, Survey Technician. As a survey technician, Jason performed drafting duties, scheduled crews and provided technical expertise to support this project. WGI provided traffic control plan design, utility coordination and design surveys on this project that included widening, milling and resurfacing, and reconstruction of Florida's Turnpike from six to eight lanes for approximately seven miles. The project included interchange improvements at Atlantic Boulevard, Coconut Creek Parkway (including replacement of the existing ramp bridge), Sample Road, and the Sawgrass Expressway where a new collector-distributor was added in the northbound direction. A number of bridges were widened or reconstructed as well. Utility coordination included working with as many as 10 utility agency/owners. Survey efforts included establishing horizontal and vertical control, providing supplemental topography to the aerial photography where required and locating all underground utilities, most notably two high pressure gas lines at 200-foot intervals, using a soft-dig approach.

Barrier Island Drainage Study, City of Delray Beach, Survey Technician. Jason served as GIS analyst on this project. Services included providing a bare-earth reduction elevation dataset within a nine square-mile study area along Delray Beach's Barrier Island. Publicly available Florida Department of Disaster Management aerial LiDAR (Light-Detection and Ranging) information was enriched and color coded using WGI's laser scanning processing software and ArcMap's Spatial Analyst Extension. This "point cloud" data was rectified to the National Geodetic Vertical Datum of 1929 (NGVD29) for comparison with FEMA flood maps. Low areas were identified and correlated to existing drainage information for planning of future public works improvement projects.

Lower Peace River Bathymetric Survey, DeSoto County, Southwest Florida Water Management District, Survey Technician. This project will assist the District in determining minimum flow levels for the Lower Peace River by providing precise bathymetry and upland elevations along an 18-mile portion of the river system in DeSoto and Sarasota counties. WGI provided ground survey support for aerial LiDAR, which included ground classification points, river bathymetry, and upland cross sections. Ground classification points and upland cross sections were obtained using network enabled RTK GPS, while bathymetry and "wet" conditions were surveyed using single frequency hydrographic methods.

Jason Alvarez, CST II

Survey

PROFESSIONAL PROFILE:
Jason's project experience includes work on major highway projects as well as urban and local roads. Jason is responsible for a wide variety of surveying assignments including plans preparation and survey calculations related to route surveys, boundary surveys, topographic surveys, as-built surveys, platting and right-of-way maps. He is proficient in the use of Computer Automated Drafting and Global Positioning Systems (GPS). Jason's experience includes construction layout, route surveying, boundary surveys, subdivision surveys, sectional surveys, and global positioning surveys.

CERTIFICATIONS:
CST II, 2007

AFFLIATIONS:
Florida Surveying and Mapping Society

TOTAL YEARS EXPERIENCE: 17

WGI

B. APPROACH TO PROJECT MANAGEMENT -

i. Provide a detailed narrative description of the proposed approach and methodology for engaging with City representatives while in the course of performing the duties.

The **WGI** Team has an exceptionally strong project management approach that is time tested and proven successful over a 45-year history. When authorized by the City of Delray Beach (City), **WGI** will provide the necessary professional personnel, equipment, technology and management expertise to accomplish all tasks assigned under this contract. Our staff is accommodating, and with our commitment to technology and ability to utilize the specialized equipment at our disposal, no assignment is beyond our capability. In order to properly address permitting, design, environmental, drainage, and private property ownership issues, as well as conduct an effective public outreach effort, a well-defined approach needs to be implemented and adhered to. Throughout the design process, WGI will continually communicate and solicit feedback from City representatives in order to meet the City's goals and objectives.

ii. Describe in detail Proposer's approach to the design of projects.

Project Manager Brett Oldford, PE understands that any successful project starts with a well thought out, comprehensive, and detailed scope. Prior to having a formal written contract, a significant effort must be employed to identify critical path items, potential project issues, data gaps, communications protocols, deliverables, and project schedules. This effort takes time and dedication; however, **WGI** has proven time and time again that the benefits of planning the project correctly pay significant dividends, not only throughout the design phase, but more importantly, throughout the construction phase as well.

To that end, the following steps will be taken prior to the finalization of the project service authorization:

1. Perform a site visit with City representatives prior to the development of the project scope;
2. Outline project objectives after the site visit (within 24 hours) and provide to the City for review and comment;
3. Develop a draft project scope incorporating the approved outlined project objectives and provide to the City for review and comment;
4. Coordinate with City staff to ensure the scope and deliverables are in compliance with the established schedules and budget; and
5. Finalize project scope.

The tasks below represent our typical comprehensive approach for the successful completion of a project. Individual tasks may not apply to every project depending on their size and complexity.

Initial Phase – Project Development

- Schedule a design kick-off meeting with staff and subconsultants to define the communications protocol and confirm complete understanding of the scope of services, schedule and budget;
- Coordinate engineering design activities including surveys, inspections and evaluations, collection of data, engineering feasibility reports and studies, and cost estimates. Utility coordination with providers such as FP&L, CATV, and others must occur during this step to identify potential conflicts and to define the resolution of those conflicts;
- Coordinate with subconsultants on their role and communicate plan expectations, including deliverables, timing of submittals, and budgetary constraints;
- Complete any necessary field surveying including, but not limited to, establishing a primary horizontal and vertical control network utilizing either conventional or GPS methodology, and performing a topographic survey utilizing either Total Station with data collectors or GPS equipment that meets minimum technical standards;
- If necessary, perform subsurface utility evaluations, using WGI's latest "soft dig" and ground penetrating radar technology. The data is then incorporated into the survey;
- Meet with City staff to review the preliminary findings and discuss the approach to the project from the information gathered in this phase; and
- Define the scope and scheduling for the public outreach for the program.

Preliminary Design Development of Plan/Report – (30% Phase)

- Prepare preliminary (30%) design plans and/or reports which include supporting calculations, cost estimates, and a schedule;

- Conduct pre-application meetings with regulatory agencies;
- Initiate a peer review of the 30% plans and incorporate comments into the plans or report;
- Coordinate with subconsultants to establish the scope of deliverables and timing of submittals;
- Meet with City staff to present the 30% plans, reports and preliminary calculations, and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Conceptual Development of Plan/Report – (60% Phase)

- Prepare 60% design plans/reports including supporting calculations, specifications, construction cost estimates, and a schedule. This phase will incorporate comments received from the City in the 30% conceptual design phase, including input and permit requirements/conditions from the regulatory agencies;
- Prepare and coordinate legal documents and exhibits that will be needed for construction, ingress/egress, or infrastructure improvements.
- Perform peer review and quality control review on plans/reports, calculations, and specifications;
- Prepare and submit permit applications to required agencies. WGI incorporates a systematic approach to permit follow-up and tracking. We pride ourselves on our ability to address permit issues and secure permits in a timely manner;
- Address all comments received from the permitting agencies and make the required changes to the plan and supporting documents to secure the permits. WGI will always keep the best interests of the City in mind when negotiating with the regulatory agencies. We have the experience and expertise to know when a regulatory requirement is arbitrary and capricious and will do everything we can do to protect the City and mitigate any unnecessary requirements placed in the permits;
- Meet with the City staff, if necessary, and present the 60% plans/report and preliminary calculations and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Final Design Development of Plans/Report – (100% Phase)

- Prepare final (100%) documents including final reports, bid tabulation forms, specifications, plans, calculations, and final cost estimates. This phase will incorporate comments received from the City in the 60% design phase, including input received from the regulatory agencies;
- Perform a final peer review and quality control review on plans/reports, calculations and specifications;
- Secure all permits and inform the City of any special conditions or conditions that may affect the schedule or budget;
- Meet with the City Staff to discuss the final plans/reports and permits and discuss how they will affect the implementation of the project;
- Finalize and coordinate easements and exhibits necessary for the project;
- Assist the City in preparing final bid documents and establish timeframes for when the project will be initiated; and
- Present project before the City Commission.

iii. Narrative that demonstrates working knowledge and understanding of the Professional Services requirements in this RFQ.

WGI has successfully worked with the City of Delray Beach for years. Our in-depth knowledge of the character and uniqueness of the City includes the intrinsic differences between its neighborhoods and the vision and intent the City's administrative staff has adopted with the approval of the Complete Streets Policy in November of 2016.

We understand that the projects included in this contract will cover all aspects of the City's municipal infrastructure, including complete neighborhoods, utilities, stormwater, parks, seawalls, structural inspections, coastal and environmental design, transportation and traffic studies, and CEI services.

The City is empowered with the fiduciary responsibility to provide its residents with services that support safe, efficient, and practical solutions to their needs. In order to accomplish this, the City and consultants must reach out to the residents to both inform them of the project, as well as to solicit input that will help guide the design of the improvements.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has a diverse array of views and concerns on issues pertaining to their own specific neighborhood needs. When the public is involved in the decision-making process such input has a real potential to positively shape the final set of actions and outcomes for a project. As important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Public participation activities that have proven successful are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. Having said that, it is critical that all involved in the process have a clear understanding of the project's goals, objectives and strategies.

A Public Involvement Plan (PIP) is created and implemented to serve as a tiered and staged outreach approach to proactively engage a variety of audiences and to build ownership and support for a project. The PIP includes some or all of the following:

- Project logo and branding
- Stakeholder committee
- Newsletters, both electronic and paper, distributed to a database of impacted City residents and businesses that will include a calendar of events to keep the community apprised of upcoming events
- Collateral translated into Spanish and Creole
- Public workshops
- Grassroots community outreach
- Public outreach events
- Project website
- Social media and digital engagement, such as: Facebook, Twitter, LinkedIn, YouTube, and Pinterest
- Stakeholder interviews
- Database for outreach tracking
- A communication crisis plan to avert public conflicts and act decisively on threats to a safe environment

The **purpose of the PIP** is to ensure public participation is inclusive of all affected residents of the community. In doing so, special consideration must be given to reaching and involving the traditionally underserved, such as minority, low-income, disabled, those with language barriers, and others who are restricted from accessing information. Additionally, the scope of public involvement may differ with each project development study and should be adapted to the complexity of the project. The ultimate goal is to incorporate all people into the decision-making process, adjust to the community's needs, and solicit input throughout the life of a project. The **PIP** should also demonstrate how adjustments or accommodations were made to involve the public at each stage of the decision-making process. The PIP process generally consists of **four phases: global activities, design, construction and evaluation, and the public outreach activities will vary accordingly.**

iv. Details of how work under a Service Authorization will be implemented and how services will be provided.
Over the past decade, WGI has prepared countless Service Authorization proposals, which include the establishment of a comprehensive scope of work, detailed hourly labor breakdown, and a project schedule. The Service Authorization, in conjunction with the Master Contract, become the consultant's contract for services of the specific project.

The improvements for each project will be designed and implemented using WGI's proven project approach described above, allowing time in the schedule to include all data collection efforts, records research, design development, periodic reviews by City staff, and the critical process of public involvement.

v. Specify the location(s), including the complete physical address, where the work will be performed, including work performed by subcontractors, if applicable.
The entirety of the work under this contract will be performed by firms located in Palm Beach County. The address of WGI's corporate headquarters, and those of our subcontractors, are listed below.

WGI
2035 Vista Parkway
West Palm Beach, FL 33411

HCE
270 South Central Boulevard, Suite 207
Jupiter, Florida 33458

CB&I
2481 NW Boca Raton Boulevard
Boca Raton, Florida, 33431

Collective Water Resources
8461 Lake Worth Road #231
Lake Worth, Florida 33467

vi. Proposer shall thoroughly explain:

1. Its accessibility in the areas of availability for meetings, general communications, coordination, and supervision

In previous sections, WGI has stated our commitment to the City of Delray Beach under this contract, but the best evidence of this commitment is our track record with the City over the past decade. WGI staff will make adjustments to our schedule to eliminate conflicts and make ourselves available for any and all meetings with the City. Providing timely responses and being available outside of normal business hours is part of the WGI culture and is embraced by our associates. WGI understands that several of the City's staff members arrive early to work or stay after hours, so it's only appropriate that we make ourselves available as well.

WGI has several levels of supervision available, not only to associates providing services to the City, but to City staff as well. We routinely attend City meetings with at least two staff members and collaborate on project development with an active contract manager, as well as the project manager and design team.

2. Primary method for attending meetings and how much advance notice is required.

WGI attends meetings in person and is available to meet with a 24-hour notice, but has commonly attended meetings with City staff that have been scheduled the same day.

3. How the proposer physically plans on attending pre-scheduled meetings.

WGI will attend pre-scheduled meetings in person, with multiple staff members.

4. How the proposer plans on ensuring accessibility and availability during the term of the agreement.

With 180 staff members located in our West Palm Beach office, WGI commits to immediate accessibility and constant availability during the term of the agreement.

C. PROJECTS FOR SIMILAR SERVICES

List up to five projects that Proposer has provided Professional Services since September 1, 2011 to include the following information:

1. NE 2ND AVENUE, ROADWAY RESTORATION AND BEAUTIFICATION

i. Organization/Owner Name: City of Delray Beach
ii. Address: Delray Beach, Florida
iii. Project date (Start/End): 2014 to 2016
iv. Status of project: Complete
v. Scope: WGI served as the lead design engineer for the NE 2nd Avenue Roadway "Complete Street" Project and worked closely with the City of Delray Beach, the City of Delray Beach CRA and the Florida Department of Transportation (FDOT) on the reconstruction and roadway enhancements of this local arterial roadway located within a historical district of the City. Due to a significant portion of the funding coming from the FDOT Local Agency Program (LAP), WGI's project engineer was responsible for the coordination and specific deliverable requirements inherent in a LAP-funded project, and for ensuring all criteria and requirements of the LAP funding process were addressed and fully documented. The overall goal of the project was to enhance the roadway, which runs through a historical district, by designing into the plan traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks and landscaped bulb-outs. A unique feature in the design was the inclusion of green striped bicycle lanes to clearly designate the lanes which

was a key requirement of the LAP funding.

WGI responsibilities included all aspects of the roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation, as well as the coordination of the LAP documentation which included the preparation of a Cultural Resource Assessment Study (CRAS) and an Environmental Resource Assessment report in conformance with the Federal Highway Administration (FHWA), Federal Transit Authority (FTA), and the FDOT Agency Operating Agreement

2. SW 10TH AVENUE WATERMAIN IMPROVEMENTS

i. Organization/Owner Name: City of Delray Beach
ii. Address: Delray Beach, Florida
iii. Project date (Start/End): 2011 to 2012
iv. Status of project: Complete
v. Scope: WGI was responsible for the design, surveying and permitting of an 8" watermain upgrade for a 2-block section in the City, as well as removal of an existing watermain. In addition to a new 8" watermain, the design included coordinating existing sanitary and water service locations and their proposed tie-in location in an effort to minimize the replacement of existing services, service inactivity, swale reconstruction and pavement rehabilitation.

WGI also provided a boundary, location and topographic survey, as well as subsurface utility engineering services for locating and designation of underground utilities to ensure conflict avoidance.

3. SW 2ND STREET STREETSCAPE IMPROVEMENTS

i. Organization/Owner Name: City of Delray Beach
ii. Address: Delray Beach, Florida
iii. Project date (Start/End): 2011
iv. Status of project: Completed
v. Scope: WGI, through its continuing engineering contract with the City, provided engineering design, surveying, permitting and bid phase services for a one-mile section of a residential street. Services included landscaping and irrigation design, drainage improvements, utility adjustments, roundabout design, traffic calming, signage and sidewalk and driveway adjustments. WGI also provided the boundary, topographic and location survey services required for the design and subsurface utility engineering services for locating and designation of underground utilities for design conflict avoidance. Due to the very limited right-of-way and existing conditions, each roundabout had to be designed separately to accommodate the adjacent improvements including sidewalks, landscaping and driveways.

4. BROWARD MOBILITY

i. Organization/Owner Name: Broward County
ii. Address: Broward County, Florida
iii. Project date (Start/End): 2014
iv. Status of project: Design
v. Scope: This project involves engineering design or design and construction of sidewalks, multi-use paths, and/or bicycle facilities along 38 roadway sequences within Broward County and the following local municipalities: Town of Davie, City of Fort Lauderdale, City of Plantation, City of Lauderhill, City of Tamarac, City of Oakland Park, City of Lauderdale Lakes, City of Hollywood, City of Deerfield Beach, and City of Pompano Beach. The work includes, but is not limited to, 5' sidewalks, 6' sidewalks, 8' concrete sidewalks, milling, resurfacing, roadway widening, sign relocation, sign installation, drainage, clearing and grubbing, and tree removal. Existing conditions surveys and engineering design surveys were collected using Terrestrial Mobile LiDAR. Nearly 45 alignment miles were collected to document ADA conditions, sidewalk interconnectivity, signalization, and other pertinent corridor details.

5. BARRIER ISLAND DRAINAGE STUDY AND LIDAR

i. Organization/Owner Name: City of Delray Beach
ii. Address: Delray Beach, Florida
iii. Project date (Start/End): 2010 - 2013

iv. Status of project: Design

v. Scope: WGI staff provided a bare-earth reduction elevation dataset within a 9 square-mile study area along Delray Beach's Barrier Island. Publicly available Florida Department of Disaster Management aerial LiDAR (Light-Detection and Ranging) information was enriched and color coded using WGI's laser scanning processing software and ArcMap's Spatial Analyst Extension. This "point cloud" data was rectified to the National Geodetic Vertical Datum of 1929 (NGVD29) for comparison with FEMA flood maps. Low lying areas were identified through this information and correlated to existing drainage information for use in planning of future public works and sea level rise improvement projects.

D. ORGANIZATIONAL STRUCTURE

i. Details of Proposer's staffing resources, at the location that will provide services to the City as well as corporately, by discipline and the number of personnel within each discipline.

WGI'S WEST PALM BEACH CORPORATE OFFICE WILL PROVIDE SERVICES FOR THE CITY.

- **Administrative 36**
- **Biologist 1**
- **CADD Tech 9**
- **Civil Engineer 11**
- **Environmental Scientist 4**
- **Geologist 2**
- **Land Surveyor 60**
- **Landscape Architect 13**
- **Planner: Urban/Regional 9**
- **Structural Engineer 6**
- **Transportation Engineer 12**
- **Engineer Intern 14**
- **Other Employees 3**
- **TOTAL 180**

ii. If Proposer's staffing resources includes sub-consultants, submit the name of the firm(s) who will perform each discipline. If more than one firm is listed for a discipline, then label which firm is the primary firm for that discipline. Firms may perform more than one discipline.

- **CB&I Environmental & Infrastructure, Inc.(CBI) will be providing Coastal & Marine Engineering under the direction of WGI.**
- **Holtz Consulting Engineers (HCE) and Collective Water Resources (CWR) will be providing Water Resources under the direction of WGI**

iii. Submit an organizational diagram clearly identifying key personnel as well as other staffing resources who will provide services to the City. For each individual in the organization diagram, include each individual's name, title, firm and their functional relationship to each other.

Please see Organization Chart on the following page.

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TEAM ORGANIZATIONAL CHART

PRINCIPAL-IN-CHARGE
Michael L. Davis, Senior VP (WGI)

CONTRACT MANAGER
Brian LaMotte, PE, LEED AP (WGI)

QA / QC
Richard Hasko, PE (WGI)

PROJECT MANAGER
Brett Oldford, PE (WGI)

1. ENGINEERING
Tom Mueller, PE (WGI)
Jimmy Richie, PE (WGI)
Corey Hill, PE (WGI)
Stephen Cherry, EI (WGI)

4. CIVIL ENGINEERING
Adam Schildmeier, PE (WGI)
Chris Holmes, PE (WGI)
Brian Arnold, PE (WGI)

8. ENVIRONMENTAL
John Abbott, PG (WGI)
Greg Griffith (WGI)
Jerry Renick, CEP (WGI)
Rick Harman (WGI)

2. SURVEY
Sam Hall, PSM (WGI)
Pat Meeds, PSM (WGI)
Eric Matthews, PSM (WGI)
Eric Andelin, CP, GISP (WGI)
Jason Alvarez, CST II (WGI)

6. STRUCTURAL
Brian Rheault, PE (WGI)
Chris LaForte, PE (WGI)
Tim Sherwood, BI (WGI)
Jeff Bergmann, PE (WGI)
Tim DeLand, PE (WGI)

9. WATER RESOURCES
Jerry Saval, PE, CFM (WGI)
Cesar Pena, PE (WGI)
Liz Perez, PE, D.WRE, CFM (CWR)
David Holtz, PE (HCE)
Christine Miranda, PE (HCE)

3. LANDSCAPE ARCHITECTURE
Jason Mihalovits, PLA, LEED AP (WGI)
Cheryl Callender, PLA, LEED, GA (WGI)
Angela Biagi, PLA, LEED BD+C (WGI)
Bryan Donahue, PLA (WGI)
Colin McCann, PLA (WGI)

7. TRANSPORTATION
Keegan Larson, PE (WGI)
Jeremy Botto, PE (WGI)
Mike Madison, PE (WGI)
Juan Ortega, PhD, PE (WGI)
Chad Johnson, EI (WGI)

10. COASTAL & MARINE ENGINEERING
Thomas Pierro, PE, DCE (CBI)
Tara Brenner, PG, PE (CBI)
Douglas Mann, PE, DCE (CBI)
Jordon Cheifet, PE, CFM (CBI)
Spencer Waganaar, EI (CBI)

ADDITIONAL SERVICES

PUBLIC INVOLVEMENT / OUTREACH
Jennifer Hofmeister, AICP (WGI)
Veronica Sanchez (WGI)

SUBSURFACE UTILITY ENGINEERING
Erik Brueningsen, PE (WGI)
Matt Phillips (WGI)
Fred Bachman (WGI)

UTILITY COORDINATION
Alan Boaz (WGI)
Bob Lowen (WGI)

TEAM

Wantman Group, Inc. (WGI)
Holtz Consulting Engineers (HCE)
CB&I (CBI)
Collective Water Resources (CWR)

iv. A written response clearly defining responsibilities, contractual relationships and roles of all individual in the organizational diagram.

Michael L. Davis, Senior Vice President, Principal-in-Charge - Environmental
- As the Principal-in-Charge and a **WGI** officer, Michael provides the City, **WGI's** commitment to high quality professional services. Michael will also be working with the Environmental team.

Brett Oldford, PE - Project Manager - Civil Engineering
- Brett will serve as the Project Manager. Brett will be responsible for all project related items and be responsible for the overall delivery of the project. Brett will be the point person for all contact between the City of Delray Beach and **WGI**. Brett will also be working with the Civil Engineering Team.

Brian LaMotte, PE LEED AP - Contract Manager - Engineering
- Brian will serve as the Contract Manager. Brian will be responsible for developing the final scope of services and negotiating the fee for the project**.** Brian will also be working with the Engineering team.

Richard Hasko, PE - QA/QC - Civil Engineering
- Richard will serve as the QA/QC Manager. Richard will be responsible for implementation of the **WGI** QA/QC policy, ensuring every product that is submitted meets or exceeds the quality standards set by both **WGI** and the City of Delray Beach. Richard will also be working with the Civil Engineering team.

Tom Mueller, PE - Engineering
- Tom will serve as the technical lead for engineering design related services and be responsible for the completion of all engineering design related deliverables.

Jimmy Richie, PE - Engineering
- Jimmy will provide support to Tom for all engineering design related deliverables.

Corey Hill, PE - Engineering
- Corey will provide support to Tom for all engineering design related deliverables.

Stephen Cherry, EI - Engineering
- Stephen will provide support to Tom for all engineering design related deliverables.

Sam Hall, PSM - Survey
- Sam will serve as the technical lead for survey related services and be responsible for the completion of all survey related deliverables.

Pat Meeds, PSM - Survey
- Pat will provide support to Sam for all survey related deliverables.

Eric Matthews, PSM - Survey
- Eric will provide support to Sam for all survey related deliverables.

Eric Andelin, CP, GISP - Survey
- Eric will provide support to Sam for all survey related deliverables.

Jason Alvarez, CST II - Survey
- Jason will provide support to Sam for all survey related deliverables.

Jason Mihalovits, PLA, LEED AP - Landscape Architecture
- Jason will serve as the technical lead for landscape architecture related services and be responsible for the completion of all landscape architecture related deliverables.

Cheryl Callendar, PLA, LEED Green Associate - Landscape Architecture
- Cheryl will provide support to Jason for all landscape architecture related deliverables.

Angela Biagi, PLA, LEED BD+C - Landscape Architecture
- Angela will provide support to Jason for all landscape architecture related deliverables.

Bryan Donahue, PLA, - Landscape Architecture
- Bryan will provide support to Jason for all landscape architecture related deliverables.

Colin McCann, PLA, - Landscape Architecture
- Colin will provide support to Jason for all landscape architecture related deliverables.

Adam Schildmeier, PE - Civil Engineering
- Adam will serve as the technical lead for civil engineering design related services and be responsible for the completion of all civil engineering design related deliverables.

Chris Holmes, PE - Civil Engineering
- Chris will provide support to Adam for all civil engineering design related deliverables.

Brian Arnold, PE - Civil Engineering
- Brian will provide support to Adam for all civil engineering design related deliverables.

Brian Rheault, PE - Structural
- Brian will serve as the technical lead for structural related services and be responsible for the completion of all structural related deliverables.

Chris LaForte, PE - Structural
- Chris will provide support to Brian for all structural design related deliverables.

Tim Sherwood, BI, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Jeff Bergmann, PE - Structural
- Jeff will provide support to Brian for all structural design related deliverables.

Tim DeLand, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Keegan Larson, PE - Transportation
- Keegan will serve as the technical lead for transportation related services and be responsible for the completion of all transportation related deliverables.

Jeremy Botto, PE - Transportation
- Jeremy will provide support to Keegan for all transportation related deliverables.

Mike Madison, PE - Transportation
- Mike will provide support to Keegan for all transportation related deliverables.

Juan Ortega, PhD, PE - Transportation
- Juan will provide support to Keegan for all transportation related deliverables.

Chad Johnson, EI - Transportation
- Chad will provide support to Keegan for all transportation related deliverables.

John Abbott, PG - Environmental
- John will serve as the technical lead for environmental related services and be responsible for the completion of all environmental related deliverables.

Greg Griffith - Environmental
- Greg will provide support to John for all environmental related deliverables.

Jerry Renick - Environmental
- Jerry will provide support to John for all environmental related deliverables.

Rick Harman - Environmental
- Rick will provide support to John for all environmental related deliverables.

Jerry Saval, PE, CFM - Water Resources
- Jerry will serve as the technical lead for water resources related services and be responsible for the completion of all water resources related deliverables.

Cesar Pena, PE - Water Resources
- Cesar will provide support to Jerry for all water resources related deliverables.

Liz Perez, PE, D.WRE, CFM - Water Resources
- Liz will provide support to Jerry for all water resources related deliverables.

David Holtz, PE - Water Resources
- David will provide support to Jerry for all water resources related deliverables.

Christine Miranda, PE - Water Resources
- Christine will provide support to Jerry for all water resources related deliverables.

Thomas Pierro, PE, DCE - Coastal and Marine Engineering
- Tom will serve as the technical lead for coastal and marine engineering related services and be responsible for the completion of all coastal and marine engineering related deliverables.

Tara Brenner, PG, PE - Coastal and Marine Engineering
- Tara will provide support to Tom for all coastal and marine engineering related deliverables.

Douglas Mann, PE, DCE - Coastal and Marine Engineering
- Doug will provide support to Tom for all coastal and marine engineering related deliverables.

Jordon Cheifet, PE, CFM - Coastal and Marine Engineering
- Jordon will provide support to Tom for all coastal and marine engineering related deliverables.

Spencer Waganaar, EI - Coastal and Marine Engineering
- Spencer will provide support to Tom for all coastal and marine engineering related deliverables.

Jennifer Hofmeister, AICP - Public Involvement /Outreach - Additional Services
- Jennifer will serve as the technical lead for public involvement design related services and be responsible for the completion of all public involvement related deliverables.

Veronica Sanchez - Public Involvement /Outreach - Additional Services
- Veronica will provide support to Jennifer for all public involvement related deliverables.

Erik Brueningsen, PE - Subsurface Utility Engineering - Additional Services
- Erik will serve as the technical lead for subsurface utility engineering related services and be responsible for the completion of all subsurface utility engineering related deliverables.

Matt Phillips - Subsurface Utility Engineering - Additional Services
- Matt will provide support to Erik for all subsurface utility engineering related deliverables.

Fred Bachman - Subsurface Utility Engineering - Additional Services
- Fred will provide support to Erik for all subsurface utility engineering related deliverables.

Alan Boaz - Utility Coordination - Additional Services
- Alan will serve as the technical lead for dry utility coordination related services and be responsible for the completion of all dry utility coordination related deliverables.

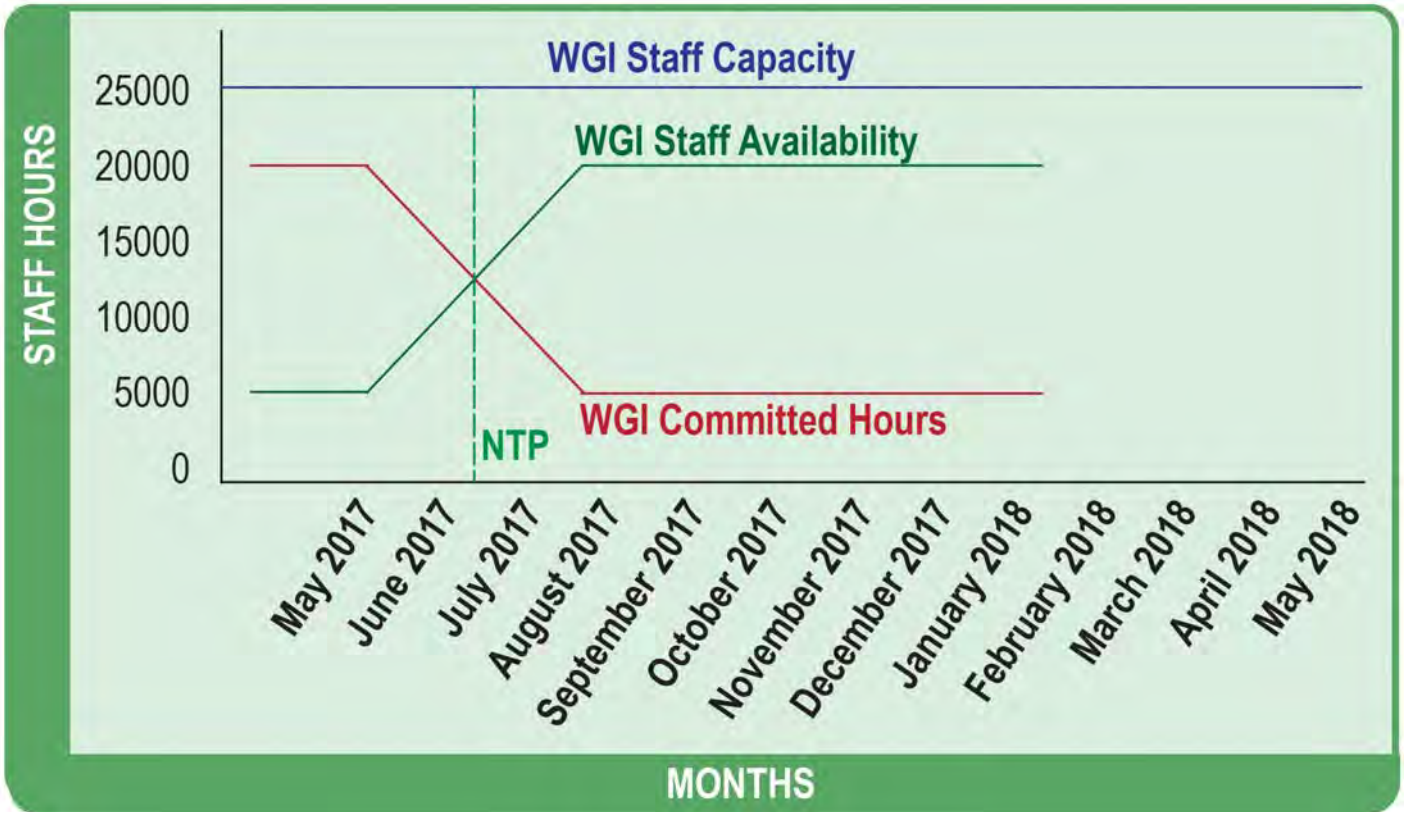
Bob Lowen - Utility Coordination - Additional Services
- Bob will provide support to Alan for all dry utility coordination related deliverables.

v. A narrative detailing Proposer's recent, current, and projected workloads at the time of submission and provide a statement of Proposer's commitment of personnel and other resources for the City project by providing a signed letter of commitment.

WGI understands that an important aspect of a continuing services, task driven contract is the team's ability to provide the necessary depth of staff for immediate response and the ability to manage multiple assignments simultaneously and effectively. We recognize that contracts of this nature present assignments that are unique in scope, often fast tracked and dependent on staff resources, which can, if not managed properly, present overload and delay challenges. **WGI** has maintained task driven continuing services contracts for many years and has the experience and resources necessary to anticipate and compensate for these challenges through efficient scheduling and a dedicated work force. **Specifically, WGI has provided the City of Delray Beach quality consulting services since July 2007. The success of our relationship is driven by the dedication of a team of individuals solely to the City. This means that technically proficient staff members familiar with the City's needs are available to provide immediate response to any request.**

Because **WGI** specializes in public sector contracts, it has the capacity to respond to the assignments and

service authorizations anticipated from the City. These public sector contracts support a more stable scheduling and resource management protocol, across the **WGI** multi-discipline divisions. Regardless of the nature, location, or technical complexity of the assignment, **WGI** brings the experience, technical resources, and depth of staff to deliver the results you require. This contract has the full attention of our entire team.



Please see Commitment Letter on the following page.

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May 17, 2017

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

RE: CITY OF DELRAY BEACH RFQ NO. 2017-048
CONTINUING ENGINEERING, SURVEYING, AND LANDSCAPING ARCHITECTURAL CONSULTING SERVICES (918-42, 918-89, 906-56)

Dear Selection Committee Members,

WGI'S COMMITMENT

The most important qualification **WGI** brings to the City is the commitment of the firm, at all levels, to develop successful deliverables, deliverables that are technically sound, on schedule and within budgetary requirements. Our key personnel selected for this project are dedicated and will be available to the City for the duration of the contract. The depth of our team with 300 professionals, including 180 registered engineers, landscape architects, planners, environmental scientists, surveyors, and other professionals based in Palm Beach County will provide ample capacity and availability to competently complete all assignments in a timely manner. Our commitment has been clearly demonstrated by **WGI's** superior service and professionalism over the years in providing similar services on a continuing basis for numerous counties and municipalities in South Florida. As the **Principal-in-Charge** and a **WGI Officer**, I provide the City **WGI's** commitment to high quality professional services.

We look forward to demonstrating our ability and unequivocal commitment while serving the City of Delray Beach.

Sincerely,
WANTMAN GROUP, INC.

Michael L. Davis
Senior Vice President
Principal-in-Charge

vi. A narrative detailing all key personnel's recent, current and projected workloads at the time of submission and provide a statement of the availability of each for the City's project.

The key personnel below are currently assigned to the Delray Beach Continuing Contract and a portion of their time is already designated to servicing the needs of the City. Over the past ten years, **WGI** has developed a successful working relationship that provides timely responses to any of the City's needs.

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Michael L. Davis	WGI	Principal-in-Charge Environmental	30%	35%	40%
Brett Oldford, PE	WGI	Project Manager Civil Engineering	35%	45%	50%
Brian LaMotte, PE, LEED AP	WGI	Contract Manager Engineering	25%	40%	45%
Richard Hasko, PE	WGI	QA/QC Civil Engineering	20%	30%	45%
Tom Mueller, PE	WGI	Engineering	40%	45%	50%
Jimmy Richie, PE	WGI	Engineering	20%	35%	50%
Corey Hill, PE	WGI	Engineering	25%	35%	40%
Stephen Cherry, EI	WGI	Engineering	25%	45%	45%
Sam Hall, PSM	WGI	Survey	35%	35%	40%
Pat Meeds, PSM	WGI	Survey	30%	30%	35%
Eric Matthews, PSM	WGI	Survey	25%	25%	30%
Eric Andelin, CP, GISP	WGI	Survey	40%	45%	55%
Jason Alvarez, CST II	WGI	Survey	25%	30%	35%
Jason Mihalovits, PLA, LEED AP	WGI	Landscape Architecture	25%	40%	40%
Cheryl Callender, PLA, LEED Green Associate	WGI	Landscape Architecture	30%	35%	35%
Angela Biagi, PLA, LEED BD+C	WGI	Landscape Architecture	35%	35%	35%
Bryan Donahue, PLA	WGI	Landscape Architecture	30%	20%	35%
Colin McCann, PLA	WGI	Landscape Architecture	30%	35%	45%
Adam Schildmeier, PE	WGI	Civil Engineering	40%	40%	45%
Chris Holmes, PE	WGI	Civil Engineering	20%	30%	40%
Brian Arnold, PE	WGI	Civil Engineering	20%	30%	40%
Brian Rheault, PE	WGI	Structural	25%	30%	35%
Chris LaForte, PE	WGI	Structural	30%	40%	45%
Tim Sherwood, BI, PE	WGI	Structural	25%	40%	45%
Jeff Bergmann, PE	WGI	Structural	30%	35%	45%
Tim DeLand, PE	WGI	Structural	25%	35%	40%
Keegan Larson, PE	WGI	Transportation	25%	30%	35%
Jeremy Botto, PE	WGI	Transportation	25%	30%	35%
Mike Madison, PE	WGI	Transportation	20%	30%	35%

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Juan Ortega, PhD, PE	WGI	Transportation	20%	35%	35%
Chad Johnson, EI	WGI	Transportation	30%	35%	35%
John Abbott, PG	WGI	Environmental	25%	30%	30%
Greg Griffith	WGI	Environmental	20%	25%	25%
Jerry Renick	WGI	Environmental	20%	25%	25%
Rick Harman	WGI	Environmental	25%	35%	40%
Jerry Saval, PE, CFM	WGI	Water Resources	30%	40%	50%
Cesar Pena, PE	WGI	Water Resources	25%	35%	45%
Liz Perez, PE, D.WRE, CFM	CWR	Water Resources	15%	25%	25%
David Holtz, PE	HCE	Water Resources	20%	25%	25%
Christine Miranda, PE	HCE	Water Resources	20%	30%	30%
Thomas Pierro, PE, DCE	CBI	Coastal and Marine Engineering	25%	30%	35%
Tara Brenner, PG, PE	CBI	Coastal and Marine Engineering	25%	30%	35%
Douglas Mann, PE, DCE	CBI	Coastal and Marine Engineering	25%	35%	35%
Jordon Cheifet, PE, CFM	CBI	Coastal and Marine Engineering	20%	30%	40%
Spencer Waganaar, EI	CBI	Coastal and Marine Engineering	25%	25%	35%

Tab 3: Landscaping Architectural Design Services

Chapter 4 PROPOSAL RESPONSE REQUIREMENTS
3 - Landscaping Architectural Design Services

A. EXPERIENCE

i. Identify each Professional Service discipline and/or sub-discipline in which Proposer wishes to be considered for award of an Agreement.

WGI wishes to be considered for the following disciplines:

(1) Engineering
(2) Surveying and Mapping
(3) Landscaping architectural design services
(4) Civil
(6) Structural
(7) Transportation
(8) Environmental / Natural Resources
(9) Water Resources/Stormwater Management (includes stormwater, potable water, reuse water, conveyance, supply, transmission, treatment, storage)
(10) Coastal and Marine Engineering

ii. Detailed narrative description documenting Proposer's overall Professional Services background and experience in each Professional Service discipline or sub-discipline in which Proposer wishes to be considered for award of an Agreement as follows:

a. Experience in the following:

(3) Landscaping Architectural Design Services

With 27 registered landscape architects, landscape designers and planners, **WGI** has one of the largest and most diverse landscape architecture teams in the state. Our landscape architecture team is comprised of numerous AICP planners, LEED accredited professionals, irrigation designers, certified arborists, and landscape inspectors.

WGI's landscape architects have worked on countless projects of a similar nature to the City's potential projects listed in Appendix B. These projects include dozens of municipal park projects, coastal dune restorations, ecological centers with wetland amenities, downtown redevelopments, and miles of complete streets and streetscape improvements. Our team provides landscape architecture services under continuing services contracts to dozens of municipalities, including the City of Delray Beach, and many other local, regional, and state agencies,including the City of West Palm Beach, the City Coconut Creek, the City of Parkland, the City of Miramar, the City of Port St. Lucie, the City of Orlando, the City of Apopka, St. Lucie County, Palm Beach County, Monroe County, Miami-Dade County and the Florida Department of Transportation, to name a few. These contracts encompass a wide variety of services including planning, landscape and hardscape design, irrigation design, park and recreational design, landscape lighting design, signage, and site amenity design. Our landscape architects approach municipal projects with the common purpose of providing comprehensive projects that are context sensitive, meet the goals and objectives of the client, and are sustainable and maintainable, ultimately ensuring the long term success of the project.

We have extensive experience working in southern Palm Beach County and the Delray Beach area. The City of Delray Beach has a unique character that is celebrated in the landscape throughout the City, in its' parks, communities, and public spaces. Reinforcing this existing character in all proposed landscape designs is essential to maintaining the City's unique feel and charm. Our landscape architects understand the challenges and issues facing the City, including rising water levels and king tide events. We have prepared numerous landscape design solutions for our coastal municipal clients that take this into account and consider the future conditions of the site. These solutions include using landscape materials with a high salt tolerance in case of high water tables near the Intracoastal Waterway, as well as using hardscape materials and site amenities that can withstand the potentially harsh environmental conditions of a coastal city.

Safety is always paramount in design. With all projects, we institute Crime Prevention Through Environmental Design (CPTED) guidelines. This includes evaluating and providing for safe pedestrian access, recognizing and eliminating hiding spots, and proposing sufficient lighting be provided for pedestrians.

WGI's landscape architects understand that the ultimate success of a project often means providing a sustainable and easily maintained design solution . During the initial design phase of a project, our landscape architects meet with the City's maintenance staff to establish maintenance capabilities and expectations for the project. We will also review any proposed designs with the maintenance staff to elicit their input early in the process.

WGI performs all irrigation design inhouse. Our staff is continuously updated on the latest equipment and water saving techniques and has developed a rigid program that includes a focus on input from City maintenance personnel in selecting and specifying irrigation equipment. Our irrigation designs reflect efficient water usage, safety, and reducing maintenance efforts. Our forward-thinking design process provides the City with opportunities to easily adapt to future needs and changes. Our irrigation design experience includes conventional, drip, and subsurface drip systems using potable, well, surface, and reuse water sources, centrifugal and submersible pumps, and central and local controllers. Our team has designed irrigation systems for trails, roadways, parks, subdivisions, business, and government facilities.

b. Experience in other related services that complement the above referenced Professional Services.

SUBSURFACE UTILITY ENGINEERING (SUE)

With over 30 years of experience, **SUE Division Manager Erik Brueningsen, PE**, proficiently manages any utility locating or utility coordination task that may arise. The prime objective of any utility locating assignment is a well-documented, high quality deliverable completed on time and within budget. In this regard, **WGI's** approach to utility locating focuses on providing solutions to your utility concerns; not simply obtaining location coordinates. Each assignment is viewed individually to determine the best approach, in light of the overall project objective, so as to achieve a cost-effective and quality driven deliverable. Using the most current technology available and a "best practices" approach, our associates are trained to provide Quality Level investigations per the ASCE and FDOT current guidelines. Our in-house tools and extensive field experience are not the end of our investigations; our excellent relationships with area Utility Agency Owners (UAOs) serve to expedite requests for available records, permits and as-builts to supplement all field investigations. This leads to the highest possible likelihood that all facilities will be identified and located, then correlated to their respective owners. With three "Vac" trucks, a full range of professional utility support services, and experienced personnel highly trained in surveying and mapping, Ground Penetrating Radar (GPR), vacuum excavation, high-definition laser scanning, Global Positioning Systems (GPS), Geographic Information Systems (GIS) and Computer Aided Design (CAD), **WGI** provides comprehensive services that are second to none.

UTILITY COORDINATION

WGI understands that effective utility coordination play a critical role in the successful completion of any project. **Robert Lowen**, 42 years of service for AT&T, and **Alan Boaz**, 33 years of service for FPL, provide a depth of resources and contacts that are unmatched in the industry. Our coordination efforts begin by completing a Sunshine State One Call of Florida (SSOCOF) design ticket, used to identify participating UAOs that have existing or potential interests within the project limits. We recognize that not every UAO is an active member of SSOCOF; therefore, we seek out other UAOs through points of contact with participating UAOs, the existing **WGI** Utility Database, **WGI's** history with ongoing and completed projects, and other available sources. Research will be conducted to obtain all executed utility work schedules, utility records or utility as-built prints, as well as all plans for other proposed improvements. All utility information collected from the UAOs and our own field investigation will be incorporated into project plans for identification and avoidance of utility conflicts.

An important aspect of utility certification is the complete documentation of the utility process and the deliverables. In every case, all final documents must be clear and concise without need for additional clarification. Emphasis is placed on utility conflict avoidance, an area in which we excel. Our roadway, utility design and construction experience, combined with our design-build problem solving, provides unique insight into the art and science of utility conflict identification and innovative design resolution.

The objective of this contract is to serve the City on a wide range of utility location and utility coordination assignments of varying complexity. The WGI Team was assembled for exactly this purpose. Schedule is paramount, immediate response is a priority, and providing the depth of resources to handle multiple simultaneous assignments is critical in ensuring that assignments are handled on time and within budget.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has diverse viewpoints and concerns on issues pertaining to their specific neighborhood needs. When the public is involved in the decision-making process, such input has a real potential to positively shape the final set of actions and outcomes. Equally important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Successful public participation activities are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. To that end, it is critical that all involved have a clear understanding of the project's goals, objectives and strategies.

WGI's planners and designers have in-depth experience with redevelopment activities that involve removing the social barriers implanted by the corridors within a community. An example of this local understanding is shared by **Jennifer Hofmeister, AICP, WGI's** public outreach coordinator and director of public planning. While a neighborhood planner for the City of Delray Beach, Jennifer was educated on the historical significance of Swinton Avenue during and post segregation. She was an advocate for the African-American neighborhoods, with regular attendance at neighborhood meetings, and worked alongside the residents in developing neighborhood plans and implementing neighborhood improvement projects. Similarly, Jennifer was the former project manager for the Pleasant City neighborhood and the Northwood District in the City of West Palm Beach. During her tenure with the West Palm Beach CRA, she served as the medium between the community and the CRA where she implemented programs to revitalize the area and redesign physical elements that represented social barriers within the community.

Jennifer currently oversees a four-year, $40M road program in the City of Lake Worth. As Lake Worth's Public Involvement Coordinator, she has developed an extensive Public Involvement Plan that serves as a guide for ongoing public participation throughout the design and construction of the road program. **WGI** developed and maintains a multi-lingual interactive website and hotline for the City of Lake Worth offering residents a point of contact and serving as an information center for public inquiry. The Coordinator role maintains consistency, cohesiveness, and collaboration among City staff and consultants, resulting in the most effective public outreach and engagement process possible.

Additionally, **WGI** has been retained by the Westgate CRA to conduct a Westgate Corridor Streetscape Study, funded by the Florida Department of Economic Opportunity (FDEO). The Study will guide the development of a streetscape plan to improve walkability and other multi-modal transportation opportunities. Simultaneously, the goal of the plan is to beautify and enhance the area to attract new investment and promote economic development opportunities. As mentioned, a critical component to the success of any public project is participation from those most affected. For this effort, the public participation process incorporated a two-part planning design charrette that provided a forum for ideas and offered the unique advantage of giving immediate feedback to the **WGI** planners and designers. More importantly, it allowed everyone who participated to take part in authoring the plan.

Finally, **WGI** public outreach efforts include a citizen-driven "Complete Streets" project for one of West Palm Beach's premier gateways, Banyan Boulevard, in the downtown. The Banyan Boulevard Improvement Project is more than a physical redesign of a West Palm Beach downtown corridor. If properly executed, the project has the power to unite, physically and socially, historically significant West Palm Beach neighborhoods and business districts, and the people who reside and work within them. With that historical insight, the **WGI** Team approach is to bring our passion and expertise out to the community and, through the eyes of the residents, uncover a new gateway to the heart of the downtown.

c. WGI's awards, certifications, or other recognition received by Proposer relative to work on projects in the designated Professional Services.

WGI has won several engineering awards for both traditional design-bid-build projects as well as design-build projects. We pride ourselves on the accomplishments we have made in the design of our clients' projects.

Listed below are awards WGI has won in the past three years:

- ✓ 2014 Engineer's Council Distinguished Engineering Project Achievement Award – Big John Monahan
- ✓ 2014 Zweig White Hot Firm – A Top 100 Firm (#41)
- ✓ 2014 Zweig White "Best Firms to Work For" Award
- ✓ South Florida Business Journal – Top 25 Engineering Firms #6 (June 2014) (# of PEs)
- ✓ 2014 Inc. 500/5000 List - #3767
- ✓ 2014 DBIA Florida Project of the Year Award – Big John Monahan Bridge Replacement Design-Build
- ✓ 2014 DBIA Florida Best Overall Design-Build Project of the Year – Big John Monahan Bridge Replacement
- ✓ 2015 ACEC National Recognition Award – Big John Monahan Bridge Replacement
- ✓ 2015 Florida Institute of Consulting Engineers Grand Award – Big John Monahan Bridge Replacement
- ✓ 2015 ENR Top 500 Design Firms - #338
- ✓ 2015 ENR Southeast Top Design Firms - #24
- ✓ 2015 Zweig Group Top 100 Fastest Growing Companies - #39
- ✓ 2015 Zweig Group Best Firms to Work For - #42
- ✓ 2015 South Florida Business Journal Top 100 Fastest Growing Companies - #70
- ✓ 2015 South Florida Business Journal Top 25 Engineering Firms - #6
- ✓ 2015 Inc. 5000 Fastest Growing Private Companies - #3425
- ✓ 2015 South Florida Business Journal Fast 50 Honoree - #12
- ✓ 2015 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue - #23
- ✓ 2016 South Florida Business Journal Top 100 Fastest Growing Companies - #60
- ✓ 2016 South Florida Business Journal Top 25 Engineering Firms - #10
- ✓ 2016 ENR Top 500 Design Firms - #253
- ✓ 2016 ENR Southeast Top Design Firms - #17
- ✓ 2016 Zweig Group Hot Firms List (Top 100 Fastest Growing Companies) - #5
- ✓ 2016 Zweig Group Best Firms to Work For - #19
- ✓ 2016 Zweig Group Marketing Excellence Award – 1st place in Internal Marketing; 2nd place in Integrated Marketing
- ✓ 2016 Zweig Group Trifecta Award
- ✓ 2016 South Florida Business Journal Fast 50 Honoree - #7
- ✓ 2016 Inc5000 - #1609
- ✓ 2016 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue
- ✓ 2016 DBIA Florida Honor Award for US 41 from SR 951 to Greenway Road Design-Build
- ✓ 2016 Statewide Business Journal Fast 100 List - #37
- ✓ 2017 University of Florida Gator 100 Fast Growing Companies - #29
- ✓ 2017 South Florida Business Journal Top 25 Engineering Firms - #5

iii. Submit five client references for whom Proposer has provided Professional Services similar to those specified in this RFQ in the past five years and who are agreeable to respond to a request from the City regarding proposer's experience.

REFERENCE 1 - Alt A1A Streetscape Improvements

a. Organization name: City of Palm Beach Gardens
b. Contact name(s): Angela W. Brown, Director of Public Services
c. Contact email address: abrown@pbgfl.com
d. Address: 10500 N. Military Trail | Palm Beach Gardens, FL 33410
e. Telephone and fax numbers: Phone: (561) 804-7010 Fax: N/A
f. Dates of service (start/end): From: 12/2016 To: Ongoing
g. Scope (Type of Professional Service provided): Landscape and irrigation improvements to the median and shoulders along 1.5 miles of Alt A1A as part of Beautification Grant from FDOT

REFERENCE 2 - Palm Beach Gardens Tactical Center

a. Organization name: City of Palm Beach Gardens
b. Contact name(s): Ansley Marr, PE, Special Projects Director
c. Contact email address: amarr@pbgfl.com
d. Address: 10500 N. Military Trail | Palm Beach Gardens, FL 33410
e. Telephone and fax numbers: Phone: 561-799-4275 Fax: N/A
f. Dates of service (start/end): From: 9/2015 To: 8/2016
g. Scope (Type of Professional Service provided): Site plan development and landscape improvements for new police training tactical center.

REFERENCE 3 - Mounts Botanical Garden

a. Organization name: Palm Beach County
b. Contact name(s): Elayna Toby Singer, Palm Beach County Art in Public Places
c. Contact email address: esinger@pbcgov.org
d. Address: 2633 Vista Parkway, West Palm Beach, FL 33411
e. Telephone and fax numbers: Phone: (561) 233-0235 Fax: N/A
f. Dates of service (start/end): From: 4/2014 To: Ongoing
g. Scope (Type of Professional Service provided): Landscape and irrigation improvements to Palm Beach County's highly acclaimed botanical garden.

REFERENCE 4 - Cinquez Park

a. Organization name: Town of Jupiter
b. Contact name(s): Stephanie Thoburn
c. Contact email address: steph@jupiter.fl.us
d. Address: 210 Military Trail, Jupiter, Fl 33458
e. Telephone and fax numbers: Phone: (561) 746-5134 Fax: N/A
f. Dates of service (start/end): From: 10/2016 To: Ongoing
g. Scope (Type of Professional Service provided): Landscape and irrigation improvements along with site amenity improvements for one of the towns parks

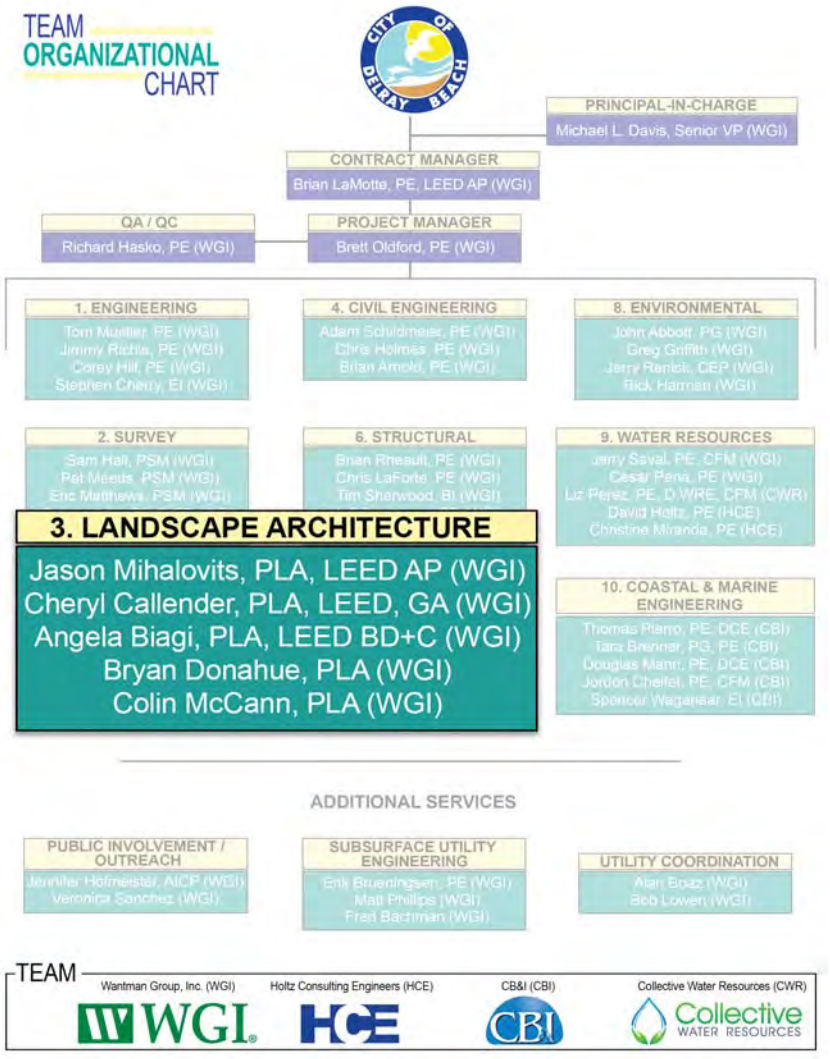
REFERENCE 5 - Sabal Pines Park under a Continuing Services for Urban Planning and Landscape Architecture

a. Organization name: City of Coconut Creek
b. Contact name(s): Sheila Rose
c. Contact email address: srose@creekgov.net
d. Address: 4800 West Copan Road, Coconut Creek, Fl 33063
e. Telephone and fax numbers: Phone: (954) 973-6757 Fax: N/A
f. Dates of service (start/end): From: 10/2010 To: 06/2013
g. Scope (Type of Professional Service provided): Park design including site plan and landscape plans

iv. Submit the following information documenting experience of the key personnel proposed by Proposer to include, but not limited to the following:

a. List of up to five key personnel who are proposed for work on this project to include any subcontractors.

- ✓ Jason Mihalovits, PLA, LEED AP (WGI)
- ✓ Cheryl Callender, PLA, LEED, GA (WGI)
- ✓ Angela Biagi, PLA, LEED BD+C (WGI)
- ✓ Bryan Donahue, PLA (WGI)
- ✓ Colin McCann, PLA (WGI)



b. Provide the role of each of the above referenced personnel within the provision of services.

- ✓ Jason Mihalovits, PLA, LEED AP (WGI) - technical lead for landscaping architectural design services
- ✓ Cheryl Callender, PLA, LEED, GA (WGI) - senior landscape architect for landscaping architectural design services
- ✓ Angela Biagi, PLA, LEED BD+C (WGI) - senior landscape architect for landscaping architectural design services
- ✓ Bryan Donahue, PLA (WGI) - senior landscape architect for landscaping architectural design services
- ✓ Colin McCann, PLA (WGI) - landscape architect for landscaping architectural design services

c. For each key personnel listed above, provide a resume/bio of the individuals experience, qualifications, work history, education and any related licenses and certifications.

(see the following pages)

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RELEVANT EXPERIENCE

Miramar Town Center, Broward County, City of Miramar, Landscape Designer. Jason was one of a team of designers responsible for the site plan, landscape plan and hardscape plan for City of Miramar's Town Center, including City Hall, a performing arts center, and a civic plaza.

NE 33rd Avenue Neighborhood Improvement, Broward County, City of Fort Lauderdale, Landscape Designer. Jason was responsible for the landscape and hardscape design for a neighborhood streetscape and traffic calming project for the City of Fort Lauderdale, including decorative pavers and landscaping at key intersections, a new pedestrian walkway, decorative street signage, entrance signage, and irrigation design.

El Rio Multi-Use Trail, Broward County, City of Boca Raton, Landscape Designer. Jason was one of a team of designers that provided landscape, irrigation and site amenity design for a 1.5-mile multi-use trail in the middle of Boca Raton's urban fabric that integrates the user with the City's natural features.

University Park, Palm Beach County, Rosemurgy Properties, Landscape Architect. University Park is a 692-bed privately funded dormitory for students of Florida Atlantic University, located just off campus in Boca Raton. WGI's Land Design Services Division worked closely with the client and design team, providing planning, landscape architecture, environmental and transportation services to facilitate development of the site. The client had a vision to develop a modern facility filled with amenities that would attract FAU students. WGI worked with the client to first develop the site plan and navigate through the City of Boca Raton's site plan approval process. After finalizing the site plan, the focus was shifted to designing the outdoor amenity spaces which included a central courtyard area complete with zero entry pool, bar and grill, cabana structures, water/fire feature, grand lawn, and pergola with hanging hammocks. Attention to detail was critical in developing the client's vision of a cutting-edge facility that would attract students. Modern materials and design themes were carried throughout the outdoor spaces to enhance the contemporary aesthetic style. The final project was the first of its kind in South Florida and WGI was proud to be a part of the design team.

Woodlawn Historic Cemetery, Broward County, City of Fort Lauderdale, Landscape Designer. Jason provided landscape, irrigation and site amenity design for an historic cemetery for the City of Fort Lauderdale. Improvements included entrance signage, historical markers, monuments, trash receptacles, and benches. Services covered preliminary design through construction observation services, custom construction details, specifications, and design concepts to accommodate and preserve the historic elements of this Fort Lauderdale site.

Rolling Oaks and Bunche Parks Improvement Program, Miami-Dade County, City of Miami Gardens, Landscape Architect. Jason provided master planning and grant assistance for City of Miami Gardens parks, including a nature trail, recreation center, maintenance buildings, pavilions, press boxes, a concession/ restroom facility, soccer/football fields, tennis courts, a par course, volleyball courts, an aquatic play structure, lighting, signage, parking, and playgrounds.

Mitchell Moore Park Improvements, Broward County, City of Pompano Beach, Landscape Designer. Jason was one of a team of designers that took the project from site design through construction for a 2-phase renovation that included a par course, play structures, two ball fields, football field, court resurfacing, an irrigation system, and drainage improvements for this City of Pompano Beach park.

Jason Mihalovits, PLA LEED AP BD+C

Landscape Architecture

PROFESSIONAL PROFILE:
Jason has over 16 years experience in a range of project types including planning and design for transportation, commercial, large-scale residential and municipal projects. Jason's experience includes multiple aspects of the design process including concept generation, site inventory, site and master planning, landscape and irrigation design, project specifications, green design and infrastructure, and construction observation.

REGISTRATIONS:
Professional Landscape Architect: Florida #LA6667128, 2012

CERTIFICATIONS:
LEED AP BD+C

EDUCATION:
Bachelor of Architecture / Landscape Architecture - University of Florida, 2007

AFFILIATIONS:
American Society of Landscape Architects

United States Green Building Council

TOTAL YEARS EXPERIENCE: 16

WGI

RELEVANT EXPERIENCE

Little Haiti Park Improvements, Miami-Dade County, City of Miami, Landscape Architect of Record/Project Manager Cheryl was responsible for the design, construction documents, warrant process and permit applications, and coordination for the improvements to this park. The project consisted of renovating an existing natural grass soccer practice field into a synthetic turf multi-use practice field, and the re-alignment of the surrounding walking path to minimize impacts to the existing vegetation. Associated amenities included a grouped exercise equipment station package with a shade structure and a metal prefab storage building with a chilled drinking fountain. Modifications to the existing irrigation system and mitigation for the existing trees impacted by the new synthetic turf field area were also provided.

Simpson Park Pedestrian East Entrance, Miami-Dade County, City of Miami, Designer/Project Manager. Cheryl was responsible for the concept design and presentation graphics for the renovation of the east access to this historic park in the downtown center of Miami. The project consisted of preparing a conceptual plan for the east entrance of the park, including a gate feature, hardscape treatment, landscape lighting, and park furniture, in addition to modifications to the existing irrigation system and landscape plant material.

Atlantic Boulevard Streetscape, City of Pompano Beach, Designer/Project Manager. Cheryl was responsible for the streetscape design, landscape inventories, landscape and irrigation design, decorative lighting, significant public meetings, and graphic presentations, as well as the coordination with other professional teams preparing designs on adjacent projects for the City of Pompano Beach CRA. This project is a significant streetscape beautification improvement to an existing mile of urban mixed use street serving as the main roadway corridor from US 1 to the Pompano Beach beachfront. It also included ADA upgrades, signage, and improved stormwater drainage.

Mitchell Moore Park Improvements, City of Pompano Beach, Designer. Cheryl assisted with the design and the QA/QC process.This project for the City of Pompano Beach included site design through construction for a 2-phase renovation including a par course, play structure, two ball fields with dugouts, score platforms, site furniture, a football field, bleachers, court resurfacing, landscape, and irrigation system.

I-95 and SR 714 Interchange, Martin County, FDOT District 4, Landscape Architect of Record/Project Manager. Cheryl was responsible for the landscape and irrigation design, tree inventory, QA/QC, coordination, and field inspections for this 0.5-mile interchange landscape highway beautification project in Martin County. The goal of this project is to enhance these two major corridors by complementing the natural character of the existing mature plant communities in the area. Existing detention ponds are also enhanced with large masses of shade trees, and an irrigation system is designed to support the establishment of the proposed drought-tolerant plant material.

A1A Dune Enhancement, Fort Lauderdale Beach, FDOT District 4, Landscape Architect of Record/Project Manager. Cheryl was responsible for the design and development of a dune enhancement and mitigation plan as part of an FDEP special permit condition for the A1A Restoration and Streetscape project, providing landscape plans and details. The project consisted of filling some gaps between the existing dunes, and restoring the dune system by filling the gaps matching the existing dunes.

Cheryl Callender, PLA

LEED Green Associate

Landscape Architect

PROFESSIONAL PROFILE:

Cheryl is a trilingual (English, Spanish, and French) professional designer and project manager with over 16 years of experience. Her experience includes designing and managing the construction of multiple high profile urban projects, as well as designing numerous streetscapes, private and municipal projects, and large-scale roadway beautification and gateway projects in Florida. Cheryl provides her expertise in all aspects and stages of the design process, production and construction, focusing on implementing green practices and techniques. In addition, Cheryl aids with the quality assurance and quality control of deliverables.

REGISTRATIONS:
Professional Landscape Architect: Florida #LA6667177, 2015

CERTIFICATIONS:
LEED Green Associate

EDUCATION:
Bachelor of Science, Architecture - University of Panama, 1997

Master of Landscape Architecture, Landscape Architecture - Florida A&M University, 2006

TOTAL YEARS EXPERIENCE: 16

WGI

RELEVANT EXPERIENCE

Gander Mountain Flagship Store, Palm Beach County, Oppidan Investment Company, Landscape Architect. Angela was responsible for the site and landscape design for the company's flagship store in Florida. This project involved the coordination of relocating over 350 trees and palms on site. The site plan and landscape were designed to meet USGBC LEED standards.

Williams Park, Miami-Dade County, Astorino, Landscape Architect. Angela was the landscape architect responsible for the renovation of a City of Miami park facility building. She was responsible for the landscape and temporary irrigation design. The project achieved LEED Gold certification.

Lake Worth Senior Living, Palm Beach County, Lenity Architecture, Landscape Architect. A 134-bed Congregate Living Facility, this project is designed with a two-story building containing 86 suites and a one-story memory care wing with 25 suites. The project has multiple outdoor recreation areas and two enclosed courtyards for the memory care facility residents. The landscape design focuses extensively on the use of native and Florida friendly plant material. WGI was retained to act as local liaison and to prepare, process and represent the project through the Palm Beach County site plan approval and permitting process. WGI provided planning, survey, platting, traffic engineering, civil engineering, environmental, and landscape design services for this project.

Polo Club Recreational Parcel, Palm Beach County, The Polo Club of Boca Raton, Landscape Architect. The Polo Club of Boca Raton is a premier private golf club, tennis club and resort residential community in South Florida. Located on 1,100 meticulously manicured acres in Palm Beach County, the Polo Club provides its members with two premier championship golf courses, a nationally recognized tennis facility with 29 Har-Tru courts, a 35,000-square foot world-class spa and fitness center, and a myriad of social and dining activities. Working with the architect, WGI designed a resort-style environment which included hardscape design for the beach entry pool, waterfalls, spa, and other amenities. Carefully selected plantings and design elements create an elegant tropical theme throughout the pool area. A specially designed children's area offers a safe, interactive, outdoor space for play.

Royal Palm Beach Apartments, Palm Beach County, Related Group, Landscape Architect. This premier luxury apartment project located in the Village of Royal Palm Beach, Florida was recently approved for 392 multifamily dwelling units on 29 acres. WGI's Planning Division prepared rezoning, comprehensive plan amendment, site plan, developer agreement, preliminary plat and variance applications, while also providing key representation services.

Jonathan's Landing, Palm Beach County, Jonathan's Landing POA, Inc., Landscape Architect. Jonathan's Landing Golf Clubhouse and Tennis/Fitness Facility is on a 19.83-acre site, located within the Jonathan's Landing Golf and Country Club. A revision to the site plan for the clubhouse/recreational parcel was prepared and presented to obtain approval. This revision included the addition of a 13,065-square foot tennis/fitness facility and modifications to the parking lot areas. WGI also prepared the site plan documentation, landscape plans, and provided all representation at the development review meetings.

Angela Biagi, PLA LEED BD+C

Landscape Architect

PROFESSIONAL PROFILE:

Angela has 16 years of experience in the management and design of a variety of projects throughout South Florida. Her range of work includes mixed-use developments, transportation projects and residential community design. Serving as a project manager, she is responsible for site and landscape design, manages projects through the local agency approval process and assist clients from concept through construction to ensure their design intent is maintained.

REGISTRATIONS:
Professional Landscape Architect: Florida #LA6666787

CERTIFICATIONS:
LEED BD+C

EDUCATION:
Bachelor of Architecture, Landscape Architecture - University of Illinois, 2001

AFFLIATIONS:
American Society of Landscape Architects

U.S. Green Building Council

TOTAL YEARS EXPERIENCE: 16

WGI

RELEVANT EXPERIENCE

Bethesda by the Sea - Parking Expansion, Palm Beach County, Conkling & Lewis Construction, Inc., Project Manager. As the project manager, Bryan worked very closely with the contractor, church and legal team to develop concept plans. In the initial conceptual design phase, several design concepts were prepared and presented to the church parishioners and neighboring community. After final decisions were made on which plan to pursue, Bryan worked with his staff to develop final hardscape, landscape, and civil construction documents. Bryan also maintained a very active role during the entitlement process and construction administration. The Church of Bethesda by the Sea is a historic and iconic church located on Palm Beach Island that was originally built in 1925. The church needed additional parking spaces to accommodate congregants. WGI worked closely with the church to develop conceptual designs for a new parking lot on a vacant parcel of land owned by the church located directly across the street. The parking area only utilized half of the lot and the other half was designed as a pocket park along S. County Road for Palm Beach Island residents to enjoy**.**

Cinquez Park Design-Build, Palm Beach County, West Construction, Inc. Lead Designer. As the lead designer for landscape architecture and irrigation, Bryan is responsible for the design, permitting, and construction phase services. Cinquez Park is located on approximately 13 acres immediately north of the intersection of Indiantown Road and Center Street in Jupiter, Florida. The Park's development has been split into two phases. Phase I is an open space park which includes on-street parking, a small restroom/storage building, sidewalks, gazebos, and a dog park. The future Phase II of Cinquez Park is currently planned to include a playground area, additional sidewalks, an additional gazebo, and potentially construct a treehouse in the large Banyan tree located on the property.

Old City Hall Site - Conceptual Design for Park, Restaurant, Narcissus Court and Perimeter Streetscape, Palm Beach County, Navarro Lowrey, Inc., Project Manager. Bryan acted as project manager, overseeing all phases of design from conceptual to completion of 100% construction documents. WGI's Landscape Architecture Division was part of the consulting team for redevelopment of the Old City Hall Site in downtown West Palm Beach. The mixed-use development will consist of an eight-story apartment building, eight-story hotel, retail space, a signature restaurant, and public park. The three-story restaurant will be located at the south end of the park and will include a green roof which will act as an extension of the park providing fantastic water views of the Intracoastal Waterway. Other key outdoor elements of the project include a rooftop pool deck at the hotel, a courtyard pool amenity space at the apartment, and the public park on Flagler. The public park will be part of a network of art parks along Flagler Drive sponsored by the City of West Palm Beach's Art in Public Places Program. WGI is proud to be part of the team working on this signature project on the waterfront in downtown West Palm Beach.

Goldenrod Park, Palm Beach County, Village of Wellington, Landscape Architect. Bryan was responsible for preparation of all landscape architecture components associated with development of this neighborhood "pocket" park. Goldenrod Park features a half-court basketball court, a play structure with a rock climbing wall, multiple slides, interactive play stations and a pavilion shade structure with a picnic table. Services provided to the village included preparation of landscape plans and irrigation plans.

Bryan Donahue, PLA

Landscape Architecture

PROFESSIONAL PROFILE:

Bryan has over ten years of experience and oversees a team of designers on various projects, from country clubs and commercial developments to residential communities and single-family residential homes. Bryan works with the client from a project's inception to fully understand their vision. He and his team then work through a detailed design process to produce final landscape, hardscape, irrigation and lighting construction documents.

REGISTRATIONS:

Professional Landscape Architect: Florida #LA6667130, 2012

EDUCATION:

Bachelor of Landscape Architecture, - University of Georgia, 2007

AFFILIATIONS:

American Society of Landscape Architects

TOTAL YEARS EXPERIENCE: 10

WGI

RELEVANT EXPERIENCE

Gleneagles Country Club Clubhouse and Pool Renovation, Palm Beach County, Senior Designer. WGI has completed several projects with Gleneagles Country Club to update their facilities. Gleneagles is located on the north side of Linton Boulevard east of the Florida Turnpike and west of S. Jog Road within unincorporated Palm Beach County. Most recently, Colin worked closely with the client and design team to develop designs for a modern pool amenity area complete with a euro edge pool, spa, outdoor dining, and beautiful landscaping. Attention to detail was critical when selecting hardscape and landscape materials to effectively complement the modern design motif.

655 Middle River Drive, Broward County, Senior Designer. WGI approached this project by finalizing all landscape architectural amenities through conceptual design prior to entering the final construction documents. To better serve the client, illustrative graphics and character images were provided for all hardscape and landscape design amenities. WGI created final hardscape and layout documents for the private entry drive, front courtyard, rear pool area (containing water and fire features), second floor terrace planting, and pool cabanas. Landscape and lighting services were provided to complement all hardscape layout amenities.

Banyan Cay Resort & Golf Club, West Palm Beach, Senior Designer. Colin was involved with the conceptual design phase of the entrance, preparing plan and perspective renderings, as well as attending design team meetings. Located off of I-95 between Palm Beach Lakes Boulevard and 45th Street, Banyan Cay Resort & Golf Club is the largest redevelopment project in West Palm Beach since City Place, and will be home to a resort lifestyle community with premier brand hotel partner, 145 single-family home lots, condo units/tower, and revitalized golf course.

The Society of the Four Arts, Palm Beach, Landscape Architect. Colin worked closely with the client to develop an innovative solution to add parking using stabilized sod with engineered subgrade on the existing grass mall area in the center of the property. This innovative solution was applauded by the Town as it allowed for the preservation of the timeless beauty of the historic mall. Our work on the mall has led to follow-up landscape architecture work throughout the property. The Society of the Four Arts is one of the great historic pieces of architecture in Palm Beach, and home to many galleries, beautiful sculpture and botanical gardens, a library, and a state-of-the art educational facility.

The Breakers Residences Lower Pool and Cabana Area, Palm Beach, Senior Designer. Colin was involved in preparation of conceptual drawings, hardscape and landscape plans for the revitalization of one of the pools at The Breakers Resort. The scope included new pool, hardscape finishes, and planting plans. The design updated the pool and spa to a more current aesthetic and created new planting areas. The Breakers is one of the premier resorts in Palm Beach, and is an important historical site.

Colin McCann, PLA

Landscape Architect

PROFESSIONAL PROFILE:

Colin has over 6 years of experience in all stages of project development from conceptual design through production of technical drawings and project approval. His expertise is utilized on a range of project types including large scale oceanfront residences, mixed-use developments, private zoos, and country clubs. He has also been involved in community entrance, streetscape, and club amenity design at some of the most exclusive resort communities in South Florida. Special expertise includes hardscape and water feature design, landscape lighting design, and signature hand graphics

REGISTRATIONS:
Professional Landscape Architect: Florida #LA6667247, 2015

EDUCATION:
Bachelor of Landscape Architecture - Virginia Tech, 2012

AFFILIATIONS:
American Society of Landscape Architects

Delray Beach Historical Society

TOTAL YEARS EXPERIENCE: 6

WGI

B. APPROACH TO PROJECT MANAGEMENT -

i. Provide a detailed narrative description of the proposed approach and methodology for engaging with City representatives while in the course of performing the duties.

The **WGI** Team has an exceptionally strong project management approach that is time tested and proven successful over a 45-year history. When authorized by the City of Delray Beach (City), **WGI** will provide the necessary professional personnel, equipment, technology and management expertise to accomplish all tasks assigned under this contract. Our staff is accommodating, and with our commitment to technology and ability to utilize the specialized equipment at our disposal, no assignment is beyond our capability. In order to properly address permitting, design, environmental, drainage, and private property ownership issues, as well as conduct an effective public outreach effort, a well-defined approach needs to be implemented and adhered to. Throughout the design process, WGI will continually communicate and solicit feedback from City representatives in order to meet the City's goals and objectives.

ii. Describe in detail Proposer's approach to the design of projects.

Project Manager Brett Oldford, PE understands that any successful project starts with a well thought out, comprehensive, and detailed scope. Prior to having a formal written contract, a significant effort must be employed to identify critical path items, potential project issues, data gaps, communications protocols, deliverables, and project schedules. This effort takes time and dedication; however, **WGI** has proven time and time again that the benefits of planning the project correctly pay significant dividends, not only throughout the design phase, but more importantly, throughout the construction phase as well.

To that end, the following steps will be taken prior to the finalization of the project service authorization:

1. Perform a site visit with City representatives prior to the development of the project scope;
2. Outline project objectives after the site visit (within 24 hours) and provide to the City for review and comment;
3. Develop a draft project scope incorporating the approved outlined project objectives and provide to the City for review and comment;
4. Coordinate with City staff to ensure the scope and deliverables are in compliance with the established schedules and budget; and
5. Finalize project scope.

The tasks below represent our typical comprehensive approach for the successful completion of a project. Individual tasks may not apply to every project depending on their size and complexity.

Initial Phase – Project Development

- Schedule a design kick-off meeting with staff and subconsultants to define the communications protocol and confirm complete understanding of the scope of services, schedule and budget;
- Coordinate engineering design activities including surveys, inspections and evaluations, collection of data, engineering feasibility reports and studies, and cost estimates. Utility coordination with providers such as FP&L, CATV, and others must occur during this step to identify potential conflicts and to define the resolution of those conflicts;
- Coordinate with subconsultants on their role and communicate plan expectations, including deliverables, timing of submittals, and budgetary constraints;
- Complete any necessary field surveying including, but not limited to, establishing a primary horizontal and vertical control network utilizing either conventional or GPS methodology, and performing a topographic survey utilizing either Total Station with data collectors or GPS equipment that meets minimum technical standards;
- If necessary, perform subsurface utility evaluations, using WGI's latest "soft dig" and ground penetrating radar technology. The data is then incorporated into the survey;
- Meet with City staff to review the preliminary findings and discuss the approach to the project from the information gathered in this phase; and
- Define the scope and scheduling for the public outreach for the program.

Preliminary Design Development of Plan/Report – (30% Phase)

- Prepare preliminary (30%) design plans and/or reports which include supporting calculations, cost estimates, and a schedule;

- Conduct pre-application meetings with regulatory agencies;
- Initiate a peer review of the 30% plans and incorporate comments into the plans or report;
- Coordinate with subconsultants to establish the scope of deliverables and timing of submittals;
- Meet with City staff to present the 30% plans, reports and preliminary calculations, and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Conceptual Development of Plan/Report – (60% Phase)

- Prepare 60% design plans/reports including supporting calculations, specifications, construction cost estimates, and a schedule. This phase will incorporate comments received from the City in the 30% conceptual design phase, including input and permit requirements/conditions from the regulatory agencies;
- Prepare and coordinate legal documents and exhibits that will be needed for construction, ingress/egress, or infrastructure improvements.
- Perform peer review and quality control review on plans/reports, calculations, and specifications;
- Prepare and submit permit applications to required agencies. WGI incorporates a systematic approach to permit follow-up and tracking. We pride ourselves on our ability to address permit issues and secure permits in a timely manner;
- Address all comments received from the permitting agencies and make the required changes to the plan and supporting documents to secure the permits. WGI will always keep the best interests of the City in mind when negotiating with the regulatory agencies. We have the experience and expertise to know when a regulatory requirement is arbitrary and capricious and will do everything we can do to protect the City and mitigate any unnecessary requirements placed in the permits;
- Meet with the City staff, if necessary, and present the 60% plans/report and preliminary calculations and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Final Design Development of Plans/Report – (100% Phase)

- Prepare final (100%) documents including final reports, bid tabulation forms, specifications, plans, calculations, and final cost estimates. This phase will incorporate comments received from the City in the 60% design phase, including input received from the regulatory agencies;
- Perform a final peer review and quality control review on plans/reports, calculations and specifications;
- Secure all permits and inform the City of any special conditions or conditions that may affect the schedule or budget;
- Meet with the City Staff to discuss the final plans/reports and permits and discuss how they will affect the implementation of the project;
- Finalize and coordinate easements and exhibits necessary for the project;
- Assist the City in preparing final bid documents and establish timeframes for when the project will be initiated; and
- Present project before the City Commission.

iii. Narrative that demonstrates working knowledge and understanding of the Professional Services requirements in this RFQ.

WGI has successfully worked with the City of Delray Beach for years. Our in-depth knowledge of the character and uniqueness of the City includes the intrinsic differences between its neighborhoods and the vision and intent the City's administrative staff has adopted with the approval of the Complete Streets Policy in November of 2016.

We understand that the projects included in this contract will cover all aspects of the City's municipal infrastructure, including complete neighborhoods, utilities, stormwater, parks, seawalls, structural inspections, coastal and environmental design, transportation and traffic studies, and CEI services.

The City is empowered with the fiduciary responsibility to provide its residents with services that support safe, efficient, and practical solutions to their needs. In order to accomplish this, the City and consultants must reach out to the residents to both inform them of the project, as well as to solicit input that will help guide the design of the improvements.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has a diverse array of views and concerns on issues pertaining to their own specific neighborhood needs. When the public is involved in the decision-making process such input has a real potential to positively shape the final set of actions and outcomes for a project. As important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Public participation activities that have proven successful are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. Having said that, it is critical that all involved in the process have a clear understanding of the project's goals, objectives and strategies.

A Public Involvement Plan (PIP) is created and implemented to serve as a tiered and staged outreach approach to proactively engage a variety of audiences and to build ownership and support for a project. The PIP includes some or all of the following:

- Project logo and branding
- Stakeholder committee
- Newsletters, both electronic and paper, distributed to a database of impacted City residents and businesses that will include a calendar of events to keep the community apprised of upcoming events
- Collateral translated into Spanish and Creole
- Public workshops
- Grassroots community outreach
- Public outreach events
- Project website
- Social media and digital engagement, such as: Facebook, Twitter, LinkedIn, YouTube, and Pinterest
- Stakeholder interviews
- Database for outreach tracking
- A communication crisis plan to avert public conflicts and act decisively on threats to a safe environment

The **purpose of the PIP** is to ensure public participation is inclusive of all affected residents of the community. In doing so, special consideration must be given to reaching and involving the traditionally underserved, such as minority, low-income, disabled, those with language barriers, and others who are restricted from accessing information. Additionally, the scope of public involvement may differ with each project development study and should be adapted to the complexity of the project. The ultimate goal is to incorporate all people into the decision-making process, adjust to the community's needs, and solicit input throughout the life of a project. The **PIP** should also demonstrate how adjustments or accommodations were made to involve the public at each stage of the decision-making process. The PIP process generally consists of **four phases: global activities, design, construction and evaluation, and the public outreach activities will vary accordingly.**

iv. Details of how work under a Service Authorization will be implemented and how services will be provided.
Over the past decade, WGI has prepared countless Service Authorization proposals, which include the establishment of a comprehensive scope of work, detailed hourly labor breakdown, and a project schedule. The Service Authorization, in conjunction with the Master Contract, become the consultant's contract for services of the specific project.

The improvements for each project will be designed and implemented using WGI's proven project approach described above, allowing time in the schedule to include all data collection efforts, records research, design development, periodic reviews by City staff, and the critical process of public involvement.

v. Specify the location(s), including the complete physical address, where the work will be performed, including work performed by subcontractors, if applicable.
The entirety of the work under this contract will be performed by firms located in Palm Beach County. The address of WGI's corporate headquarters, and those of our subcontractors, are listed below.

WGI
2035 Vista Parkway
West Palm Beach, FL 33411

HCE
270 South Central Boulevard, Suite 207
Jupiter, Florida 33458

CB&I
2481 NW Boca Raton Boulevard
Boca Raton, Florida, 33431

Collective Water Resources
8461 Lake Worth Road #231
Lake Worth, Florida 33467

vi. Proposer shall thoroughly explain:

1. Its accessibility in the areas of availability for meetings, general communications, coordination, and supervision

In previous sections, WGI has stated our commitment to the City of Delray Beach under this contract, but the best evidence of this commitment is our track record with the City over the past decade. WGI staff will make adjustments to our schedule to eliminate conflicts and make ourselves available for any and all meetings with the City. Providing timely responses and being available outside of normal business hours is part of the WGI culture and is embraced by our associates. WGI understands that several of the City's staff members arrive early to work or stay after hours, so it's only appropriate that we make ourselves available as well.

WGI has several levels of supervision available, not only to associates providing services to the City, but to City staff as well. We routinely attend City meetings with at least two staff members and collaborate on project development with an active contract manager, as well as the project manager and design team.

2. Primary method for attending meetings and how much advance notice is required.

WGI attends meetings in person and is available to meet with a 24-hour notice, but has commonly attended meetings with City staff that have been scheduled the same day.

3. How the proposer physically plans on attending pre-scheduled meetings.

WGI will attend pre-scheduled meetings in person, with multiple staff members.

4. How the proposer plans on ensuring accessibility and availability during the term of the agreement.

With 180 staff members located in our West Palm Beach office, WGI commits to immediate accessibility and constant availability during the term of the agreement.

C. PROJECTS FOR SIMILAR SERVICES

List up to five projects that Proposer has provided Professional Services since September 1, 2011 to include the following information:

1. WILTON DRIVE STREETSCAPE DESIGN

i. Organization/Owner Name: City of Wilton Manors
ii. Address: Wilton Manors, Florida
iii. Project date (Start/End): 2007 to 2011
iv. Status of project: Design, Construction, Complete
v. Scope: Landscaping Architectural Design Services, WGI's Land Design Services Division worked with the City of Wilton Manors, the Wilton Manors Chamber of Commerce, the Parks and Recreation Department and the Wilton Manor Main Street Group in the development of a streetscape design for Wilton Drive.

The goals for this design went beyond providing only visual enhancements. The final design created a unique sense of place, which will encourage greater pedestrian activity and economic development throughout Wilton Drive, making it the focal point of the community.

2. CITY OF PARKLAND

i. Organization/Owner Name: City of Parkland
ii. Address: Parkland, Florida

iii. Project date (Start/End): 2010 to 2011
iv. Status of project: Design, Complete
v. Scope: Landscaping Architectural Design Services, Encompassing approximately 2,600 Acres of land and 24 property owners WGI's Land Design Services Division worked together with Keith & Associates, Inc. consulting engineers to develop a Master Plan for the City of Parkland and the North Springs Improvement District.

The purpose of the Master Plan was to create a vision for the future development of the City of Parkland and the multiple annexation parcels lying in the area commonly referred to as "The Wedge". The Master Plan design promotes compatibility with the existing community, assures adequate infrastructure for all future growth and protects the health, safety, welfare of the residents of the City of Parkland.

The team developed goals & objectives for the Master Plan, conducted inventory and analysis studies of the existing conditions, conducted stakeholder interviews and public workshops to gather community input all prior to the development of the Master Plan. Once a final concept was completed recommendations for implementation were provided and an examination of the communities Level of Services (LOS) was completed.

3. COUNTRY LAKES PARK

i. Organization/Owner Name: City of Miramar
ii. Address: Miramar, Florida
iii. Project date (Start/End): 2010 to 2011
iv. Status of project: Design, Complete
v. Scope: Landscaping Architectural Design Services, WGI's Land Design Services Division has had the Continuing Services Contract for Capital Improvement Projects with the City of Miramar since 2008. Recent projects include Country Lakes Park and traffic analyses for the Miramar City Center.

Country Lakes Park consists of 2 parks in western Miramar that are adjacent to Everglades High and Glades Middle School. The recreational design focused around providing an open multi-purpose green space with parking for the adjacent baseball fields on school grounds. The first park provides a soccer field, 3 basketball courts, playgrounds, pavilions and a one mile biking/walking trail, while the second park is a combination of a dog park and a nature preserve with a 1.5 mile nature trail. Scope of services also included the design phase for both parks.

WGI also holds a continuing services contract with the City of Miramar for DRC review which includes land planning, landscape architecture, traffic and engineering with the City of Miramar.

4. ALTERNATE A1A STREETSCAPE DESIGN

i. Organization/Owner Name: City of Palm Beach Gardens
ii. Address: Palm Beach Gardens, Florida
iii. Project date (Start/End): 9/2015 - 12/2016
iv. Status of project: Design, Construction, Complete
v. Scope: Landscaping Architectural Design Services, WGI's Land Design Services Division assisted the City of Palm Beach Gardens in developing a Beautification Grant Package for submittal to the Florida Department of Transportation District 4. WGI performed all the coordination with the FDOT District Landscape Architect on behalf of the City. For the Grant Package, WGI prepared conceptual landscape plans, graphic renderings and conceptual landscape and irrigation cost estimates. WGI also assisted the City in preparing the grant write-up.

5. BRYANT PARK

i. Organization/Owner Name: City of Lake Worth
ii. Address: Lake Worth, Florida
iii. Project date (Start/End): 2008 to 2011
iv. Status of project: Design, Construction, Complete
v. Scope: Landscaping Architectural Design Services, Bryant Park was originally planned and built by the City of Lake Worth and is a gem in the City of Lake Worth park system. The facilities include a concert band shell with seating for over 125 guests, a castle-themed playground, a one-mile heart trail, a boat ramp with four launching pads, boat trailer parking facilities, horseshoe pits and a fishing pier.

Land Design Services developed the master plan and provided site planning services and the landscape and hardscape design for the park renovation. Land Design Services was involved as part of a team of designers including Peacock & Lewis Architects. A series of three public charettes were held to include public participation in the design of the park. The final design included a garden loggia as a visual feature which complements the band shell and creates a picturesque park for the residents and visitors to enjoy.

D. ORGANIZATIONAL STRUCTURE

i. Details of Proposer's staffing resources, at the location that will provide services to the City as well as corporately, by discipline and the number of personnel within each discipline.

WGI'S WEST PALM BEACH CORPORATE OFFICE WILL PROVIDE SERVICES FOR THE CITY.

- **Administrative 36**
- **Biologist 1**
- **CADD Tech 9**
- **Civil Engineer 11**
- **Environmental Scientist 4**
- **Geologist 2**
- **Land Surveyor 60**
- **Landscape Architect 13**
- **Planner: Urban/Regional 9**
- **Structural Engineer 6**
- **Transportation Engineer 12**
- **Engineer Intern 14**
- **Other Employees 3**
- **TOTAL 180**

ii. If Proposer's staffing resources includes sub-consultants, submit the name of the firm(s) who will perform each discipline. If more than one firm is listed for a discipline, then label which firm is the primary firm for that discipline. Firms may perform more than one discipline.

- **CB&I Environmental & Infrastructure, Inc.(CBI) will be providing Coastal & Marine Engineering under the direction of WGI.**
- **Holtz Consulting Engineers (HCE) and Collective Water Resources (CWR) will be providing Water Resources under the direction of WGI**

iii. Submit an organizational diagram clearly identifying key personnel as well as other staffing resources who will provide services to the City. For each individual in the organization diagram, include each individual's name, title, firm and their functional relationship to each other.

Please see Organization Chart on the following page.

[Remainder of the page intentionally left blank]

TEAM ORGANIZATIONAL CHART

PRINCIPAL-IN-CHARGE
Michael L. Davis, Senior VP (WGI)

CONTRACT MANAGER
Brian LaMotte, PE, LEED AP (WGI)

QA / QC
Richard Hasko, PE (WGI)

PROJECT MANAGER
Brett Oldford, PE (WGI)

1. ENGINEERING
Tom Mueller, PE (WGI)
Jimmy Richie, PE (WGI)
Corey Hill, PE (WGI)
Stephen Cherry, EI (WGI)

4. CIVIL ENGINEERING
Adam Schildmeier, PE (WGI)
Chris Holmes, PE (WGI)
Brian Arnold, PE (WGI)

8. ENVIRONMENTAL
John Abbott, PG (WGI)
Greg Griffith (WGI)
Jerry Renick, CEP (WGI)
Rick Harman (WGI)

2. SURVEY
Sam Hall, PSM (WGI)
Pat Meeds, PSM (WGI)
Eric Matthews, PSM (WGI)
Eric Andelin, CP, GISP (WGI)
Jason Alvarez, CST II (WGI)

6. STRUCTURAL
Brian Rheault, PE (WGI)
Chris LaForte, PE (WGI)
Tim Sherwood, BI (WGI)
Jeff Bergmann, PE (WGI)
Tim DeLand, PE (WGI)

9. WATER RESOURCES
Jerry Saval, PE, CFM (WGI)
Cesar Pena, PE (WGI)
Liz Perez, PE, D.WRE, CFM (CWR)
David Holtz, PE (HCE)
Christine Miranda, PE (HCE)

3. LANDSCAPE ARCHITECTURE
Jason Mihalovits, PLA, LEED AP (WGI)
Cheryl Callender, PLA, LEED, GA (WGI)
Angela Biagi, PLA, LEED BD+C (WGI)
Bryan Donahue, PLA (WGI)
Colin McCann, PLA (WGI)

7. TRANSPORTATION
Keegan Larson, PE (WGI)
Jeremy Botto, PE (WGI)
Mike Madison, PE (WGI)
Juan Ortega, PhD, PE (WGI)
Chad Johnson, EI (WGI)

10. COASTAL & MARINE ENGINEERING
Thomas Pierro, PE, DCE (CBI)
Tara Brenner, PG, PE (CBI)
Douglas Mann, PE, DCE (CBI)
Jordon Cheifet, PE, CFM (CBI)
Spencer Waganaar, EI (CBI)

ADDITIONAL SERVICES

PUBLIC INVOLVEMENT / OUTREACH
Jennifer Hofmeister, AICP (WGI)
Veronica Sanchez (WGI)

SUBSURFACE UTILITY ENGINEERING
Erik Brueningsen, PE (WGI)
Matt Phillips (WGI)
Fred Bachman (WGI)

UTILITY COORDINATION
Alan Boaz (WGI)
Bob Lowen (WGI)

TEAM

Wantman Group, Inc. (WGI)
Holtz Consulting Engineers (HCE)
CB&I (CBI)
Collective Water Resources (CWR)

iv. A written response clearly defining responsibilities, contractual relationships and roles of all individual in the organizational diagram.

Michael L. Davis, Senior Vice President, Principal-in-Charge - Environmental
- As the Principal-in-Charge and a **WGI** officer, Michael provides the City, **WGI's** commitment to high quality professional services. Michael will also be working with the Environmental team.

Brett Oldford, PE - Project Manager - Civil Engineering
- Brett will serve as the project's Project Manager. Brett will be responsible for all project related items and be responsible for the overall delivery of the project. Brett will be the point person for all contact between the City of Delray Beach and **WGI**. Brett will also be working with the Civil Engineering Team.

Brian LaMotte, PE LEED AP - Contract Manager - Engineering
- Brian will serve as the project's Contract Manager. Brian will be responsible for developing the final scope of services and negotiating the fee for the project**.** Brian will also be working with the Engineering team.

Richard Hasko, PE - QA/QC - Civil Engineering
- Richard will serve as the project's QA/QC Manager. Richard will be responsible for implementation of the **WGI** QA/QC policy, ensuring every product that is submitted meets or exceeds the quality standards set by both **WGI** and the City of Delray Beach. Richard will also be working with the Civil Engineering team.

Tom Mueller, PE - Engineering
- Tom will serve as the projects technical lead for engineering design related services and be responsible for the completion of all engineering design related deliverables.

Jimmy Richie, PE - Engineering
- Jimmy will provide support to Tom for all engineering design related deliverables.

Corey Hill, PE - Engineering
- Corey will provide support to Tom for all engineering design related deliverables.

Stephen Cherry, EI - Engineering
- Stephen will provide support to Tom for all engineering design related deliverables.

Sam Hall, PSM - Survey
- Sam will serve as the projects technical lead for survey related services and be responsible for the completion of all survey related deliverables.

Pat Meeds, PSM - Survey
- Pat will provide support to Sam for all survey related deliverables.

Eric Matthews, PSM - Survey
- Eric will provide support to Sam for all survey related deliverables.

Eric Andelin, CP, GISP - Survey
- Eric will provide support to Sam for all survey related deliverables.

Jason Alvarez, CST II - Survey
- Jason will provide support to Sam for all survey related deliverables.

Jason Mihalovits, PLA, LEED AP - Landscape Architecture
- Jason will serve as the projects technical lead for landscape architecture related services and be responsible for the completion of all landscape architecture related deliverables.

Cheryl Callendar, PLA, LEED Green Associate - Landscape Architecture
- Cheryl will provide support to Jason for all landscape architecture related deliverables.

Angela Biagi, PLA, LEED BD+C - Landscape Architecture
- Angela will provide support to Jason for all landscape architecture related deliverables.

Bryan Donahue, PLA, - Landscape Architecture
- Bryan will provide support to Jason for all landscape architecture related deliverables.

Colin McCann, PLA, - Landscape Architecture
- Colin will provide support to Jason for all landscape architecture related deliverables.

Adam Schildmeier, PE - Civil Engineering
- Adam will serve as the projects technical lead for civil engineering design related services and be responsible for the completion of all civil engineering design related deliverables.

Chris Holmes, PE - Civil Engineering
- Chris will provide support to Adam for all civil engineering design related deliverables.

Brian Arnold, PE - Civil Engineering
- Brian will provide support to Adam for all civil engineering design related deliverables.

Brian Rheault, PE - Structural
- Brian will serve as the projects technical lead for structural related services and be responsible for the completion of all structural related deliverables.

Chris LaForte, PE - Structural
- Chris will provide support to Brian for all structural design related deliverables.

Tim Sherwood, BI, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Jeff Bergmann, PE - Structural
- Jeff will provide support to Brian for all structural design related deliverables.

Tim DeLand, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Keegan Larson, PE - Transportation
- Keegan will serve as the projects technical lead for transportation related services and be responsible for the completion of all transportation related deliverables.

Jeremy Botto, PE - Transportation
- Jeremy will provide support to Keegan for all transportation related deliverables.

Mike Madison, PE - Transportation
- Mike will provide support to Keegan for all transportation related deliverables.

Juan Ortega, PhD, PE - Transportation
- Juan will provide support to Keegan for all transportation related deliverables.

Chad Johnson, EI - Transportation
- Chad will provide support to Keegan for all transportation related deliverables.

John Abbott, PG - Environmental
- John will serve as the projects technical lead for environmental related services and be responsible for the completion of all environmental related deliverables.

Greg Griffith - Environmental
- Greg will provide support to John for all environmental related deliverables.

Jerry Renick - Environmental
- Jerry will provide support to John for all environmental related deliverables.

Rick Harman - Environmental
- Rick will provide support to John for all environmental related deliverables.

Jerry Saval, PE, CFM - Water Resources
- Jerry will serve as the projects technical lead for water resources related services and be responsible for the completion of all water resources related deliverables.

Cesar Pena, PE - Water Resources
- Cesar will provide support to Jerry for all water resources related deliverables.

Liz Perez, PE, D.WRE, CFM - Water Resources
- Liz will provide support to Jerry for all water resources related deliverables.

David Holtz, PE - Water Resources
- David will provide support to Jerry for all water resources related deliverables.

Christine Miranda, PE - Water Resources
- Christine will provide support to Jerry for all water resources related deliverables.

Thomas Pierro, PE, DCE - Coastal and Marine Engineering
- Tom will serve as the projects technical lead for coastal and marine engineering related services and be responsible for the completion of all coastal and marine engineering related deliverables.

Tara Brenner, PG, PE - Coastal and Marine Engineering
- Tara will provide support to Tom for all coastal and marine engineering related deliverables.

Douglas Mann, PE, DCE - Coastal and Marine Engineering
- Doug will provide support to Tom for all coastal and marine engineering related deliverables.

Jordon Cheifet, PE, CFM - Coastal and Marine Engineering
- Jordon will provide support to Tom for all coastal and marine engineering related deliverables.

Spencer Waganaar, EI - Coastal and Marine Engineering
- Spencer will provide support to Tom for all coastal and marine engineering related deliverables.

Jennifer Hofmeister, AICP - Public Involvement /Outreach - Additional Services
- Jennifer will serve as the projects technical lead for public involvement design related services and be responsible for the completion of all public involvement related deliverables.

Veronica Sanchez - Public Involvement /Outreach - Additional Services
- Veronica will provide support to Jennifer for all public involvement related deliverables.

Erik Brueningsen, PE - Subsurface Utility Engineering - Additional Services
- Erik will serve as the projects technical lead for subsurface utility engineering related services and be responsible for the completion of all subsurface utility engineering related deliverables.

Matt Phillips - Subsurface Utility Engineering - Additional Services
- Matt will provide support to Erik for all subsurface utility engineering related deliverables.

Fred Bachman - Subsurface Utility Engineering - Additional Services
- Fred will provide support to Erik for all subsurface utility engineering related deliverables.

Alan Boaz - Utility Coordination - Additional Services
- Alan will serve as the projects technical lead for dry utility coordination related services and be responsible for the completion of all dry utility coordination related deliverables.

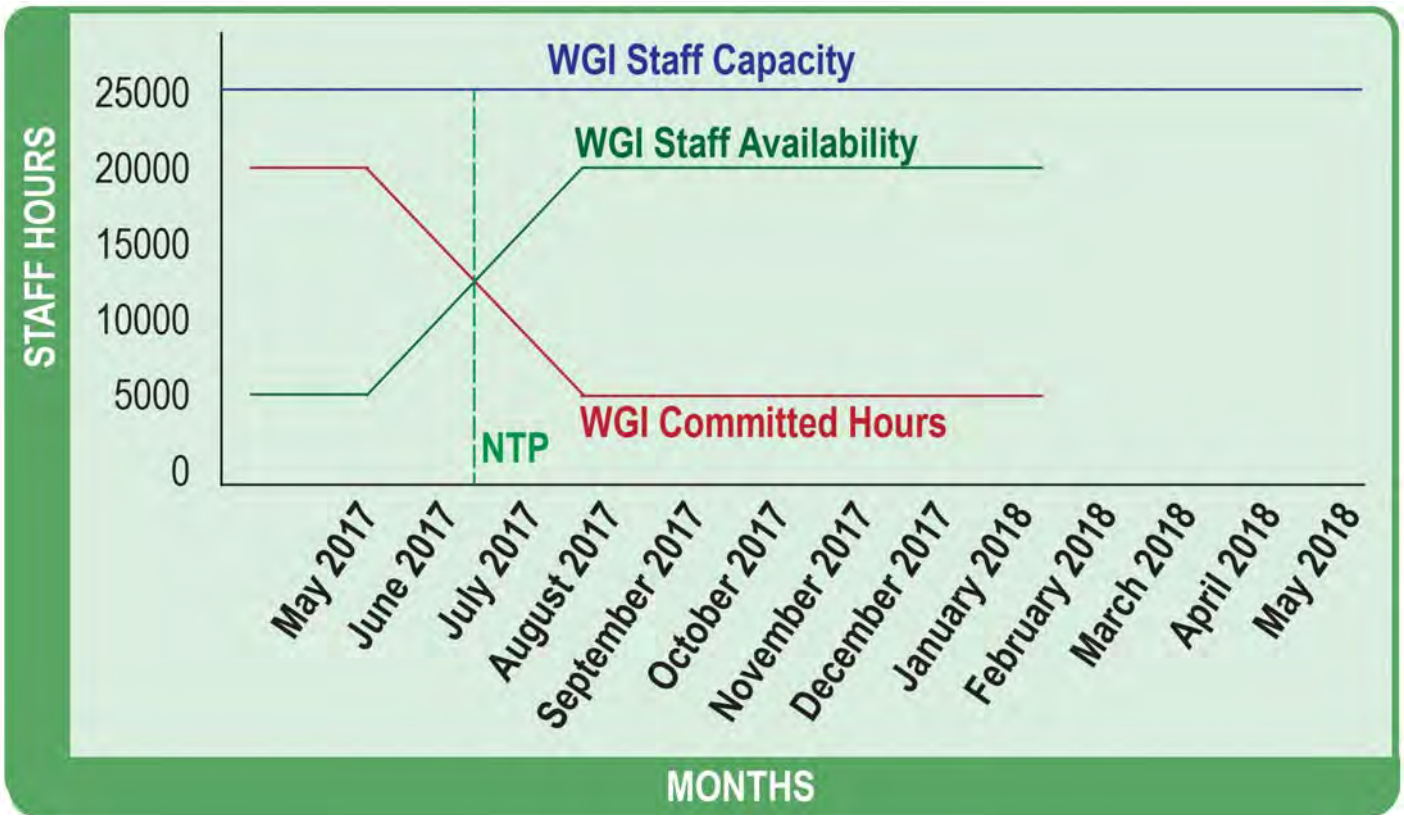
Bob Lowen - Utility Coordination - Additional Services
- Bob will provide support to Alan for all dry utility coordination related deliverables.

v. A narrative detailing Proposer's recent, current, and projected workloads at the time of submission and provide a statement of Proposer's commitment of personnel and other resources for the City project by providing a signed letter of commitment.

WGI understands that an important aspect of a continuing services, task driven contract is the team's ability to provide the necessary depth of staff for immediate response and the ability to manage multiple assignments simultaneously and effectively. We recognize that contracts of this nature present assignments that are unique in scope, often fast tracked and dependent on staff resources, which can, if not managed properly, present overload and delay challenges. **WGI** has maintained task driven continuing services contracts for many years and has the experience and resources necessary to anticipate and compensate for these challenges through efficient scheduling and a dedicated work force. **Specifically, WGI has provided the City of Delray Beach quality consulting services since July 2007. The success of our relationship is driven by the dedication**

of a team of individuals solely to the City. This means that technically proficient staff members familiar with the City's needs are available to provide immediate response to any request.

Because **WGI** specializes in public sector contracts, it has the capacity to respond to the assignments and service authorizations anticipated from the City. These public sector contracts support a more stable scheduling and resource management protocol, across the **WGI** multi-discipline divisions. Regardless of the nature, location, or technical complexity of the assignment, **WGI** brings the experience, technical resources, and depth of staff to deliver the results you require. This contract has the full attention of our entire team.



Please see Commitment Letter on the following page.

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May 17, 2017

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

RE: CITY OF DELRAY BEACH RFQ NO. 2017-048
CONTINUING ENGINEERING, SURVEYING, AND LANDSCAPING ARCHITECTURAL CONSULTING SERVICES (918-42, 918-89, 906-56)

Dear Selection Committee Members,

WGI'S COMMITMENT

The most important qualification **WGI** brings to the City is the commitment of the firm, at all levels, to develop successful deliverables, deliverables that are technically sound, on schedule and within budgetary requirements. Our key personnel selected for this project are dedicated and will be available to the City for the duration of the contract. The depth of our team with 300 professionals, including 180 registered engineers, landscape architects, planners, environmental scientists, surveyors, and other professionals based in Palm Beach County will provide ample capacity and availability to competently complete all assignments in a timely manner. Our commitment has been clearly demonstrated by **WGI's** superior service and professionalism over the years in providing similar services on a continuing basis for numerous counties and municipalities in South Florida. As the **Principal-in-Charge** and a **WGI Officer**, I provide the City **WGI's** commitment to high quality professional services.

We look forward to demonstrating our ability and unequivocal commitment while serving the City of Delray Beach.

Sincerely,
WANTMAN GROUP, INC.

Michael L. Davis
Senior Vice President
Principal-in-Charge

vi. A narrative detailing all key personnel's recent, current and projected workloads at the time of submission and provide a statement of the availability of each for the City's project.

The key personnel below are currently assigned to the Delray Beach Continuing Contract and a portion of their time is already designated to servicing the needs of the City. Over the past ten years, **WGI** has developed a successful working relationship that provides timely responses to any of the City's needs.

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Michael L. Davis	WGI	Principal-in-Charge Environmental	30%	35%	40%
Brett Oldford, PE	WGI	Project Manager Civil Engineering	35%	45%	50%
Brian LaMotte, PE, LEED AP	WGI	Contract Manager Engineering	25%	40%	45%
Richard Hasko, PE	WGI	QA/QC Civil Engineering	20%	30%	45%
Tom Mueller, PE	WGI	Engineering	40%	45%	50%
Jimmy Richie, PE	WGI	Engineering	20%	35%	50%
Corey Hill, PE	WGI	Engineering	25%	35%	40%
Stephen Cherry, EI	WGI	Engineering	25%	45%	45%
Sam Hall, PSM	WGI	Survey	35%	35%	40%
Pat Meeds, PSM	WGI	Survey	30%	30%	35%
Eric Matthews, PSM	WGI	Survey	25%	25%	30%
Eric Andelin, CP, GISP	WGI	Survey	40%	45%	55%
Jason Alvarez, CST II	WGI	Survey	25%	30%	35%
Jason Mihalovits, PLA, LEED AP	WGI	Landscape Architecture	25%	40%	40%
Cheryl Callender, PLA, LEED Green Associate	WGI	Landscape Architecture	30%	35%	35%
Angela Biagi, PLA, LEED BD+C	WGI	Landscape Architecture	35%	35%	35%
Bryan Donahue, PLA	WGI	Landscape Architecture	30%	20%	35%
Colin McCann, PLA	WGI	Landscape Architecture	30%	35%	45%
Adam Schildmeier, PE	WGI	Civil Engineering	40%	40%	45%
Chris Holmes, PE	WGI	Civil Engineering	20%	30%	40%
Brian Arnold, PE	WGI	Civil Engineering	20%	30%	40%
Brian Rheault, PE	WGI	Structural	25%	30%	35%
Chris LaForte, PE	WGI	Structural	30%	40%	45%
Tim Sherwood, BI, PE	WGI	Structural	25%	40%	45%
Jeff Bergmann, PE	WGI	Structural	30%	35%	45%
Tim DeLand, PE	WGI	Structural	25%	35%	40%
Keegan Larson, PE	WGI	Transportation	25%	30%	35%
Jeremy Botto, PE	WGI	Transportation	25%	30%	35%
Mike Madison, PE	WGI	Transportation	20%	30%	35%

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Juan Ortega, PhD, PE	WGI	Transportation	20%	35%	35%
Chad Johnson, EI	WGI	Transportation	30%	35%	35%
John Abbott, PG	WGI	Environmental	25%	30%	30%
Greg Griffith	WGI	Environmental	20%	25%	25%
Jerry Renick	WGI	Environmental	20%	25%	25%
Rick Harman	WGI	Environmental	25%	35%	40%
Jerry Saval, PE, CFM	WGI	Water Resources	30%	40%	50%
Cesar Pena, PE	WGI	Water Resources	25%	35%	45%
Liz Perez, PE, D.WRE, CFM	CWR	Water Resources	15%	25%	25%
David Holtz, PE	HCE	Water Resources	20%	25%	25%
Christine Miranda, PE	HCE	Water Resources	20%	30%	30%
Thomas Pierro, PE, DCE	CBI	Coastal and Marine Engineering	25%	30%	35%
Tara Brenner, PG, PE	CBI	Coastal and Marine Engineering	25%	30%	35%
Douglas Mann, PE, DCE	CBI	Coastal and Marine Engineering	25%	35%	35%
Jordon Cheifet, PE, CFM	CBI	Coastal and Marine Engineering	20%	30%	40%
Spencer Waganaar, EI	CBI	Coastal and Marine Engineering	25%	25%	35%

Tab 4: Civil

Chapter 4 PROPOSAL RESPONSE REQUIREMENTS
4 - Civil

A. EXPERIENCE

i. Identify each Professional Service discipline and/or sub-discipline in which Proposer wishes to be considered for award of an Agreement.

WGI wishes to be considered for the following disciplines:

(1) Engineering
(2) Surveying and Mapping
(3) Landscaping architectural design services
(4) Civil
(6) Structural
(7) Transportation
(8) Environmental / Natural Resources
(9) Water Resources/Stormwater Management (includes stormwater, potable water, reuse water, conveyance, supply, transmission, treatment, storage)
(10) Coastal and Marine Engineering

ii. Detailed narrative description documenting Proposer's overall Professional Services background and experience in each Professional Service discipline or sub-discipline in which Proposer wishes to be considered for award of an Agreement as follows:

a. Experience in the following:

(4) Civil

CIVIL ENGINEERING

WGI has provided civil engineering expertise in the areas of site civil related planning, design, permitting, bidding,and construction administration services since its inception and has built a reputation of excellence that regularly results in repeat business. We provide a comprehensive range of engineering services to our clients, assuring them that we can meet all of their needs. From the start of each project, **WGI** works to understand the client's goals, develop innovative solutions, and identify potential cost savings. To create the most economical plan, our team works closely with all stakeholders to ensure there are no surprises throughout the process. By using our extensive experience and paying attention to the smallest details, we develop comprehensive plans that meet the needs of our clients and the community. Because **WGI** is involved in every phase of a project from concept through construction, we are able to seamlessly coordinate and expedite every step along the way.

PARK AND RECREATION DESIGN

WGI's staff has an extensive history of park planning and design. Our engineers have designed numerous types of parks and park amenities from a low-key "pocket park" to a full athletic facility with multi-use fields, artificial turf fields, skate parks, passive park amenities, baseball, and even the state's first regulation size T-Ball field. We understand the proper planning that goes into a park design including drainage, site grading, structures, and field setback clearances, as well as designs that meet ADA standards. We work with staff to understand the types of uses and demographics expected, and tailor our designs to reflect these considerations for parking, restroom facilities, ADA access, amenities, and other park components that will make the experience enjoyable to all users.

Due to the amount of rainfall we experience in South Florida, and the frequent usage athletic fields experience in the City, we understand that proper drainage of fields can be a very pressing issue. We understand this issue based on prior design and field retrofit experience. Soils, subgrade materials, proper sloping, and underground drainage systems must all be considered in the design of recreational multi-use fields. **WGI** has extensive grading and drainage experience associated with new design and retrofitting existing drainage systems for local municipalities, county and state parks departments, as well as educational institutions throughout South Florida.

LOCAL AGENCY PROGRAMS (LAP)

Local Agency Programs (LAP) and Utility Work by Highway Contractor Agreements (UWHCA) are two programs

available to local municipal governments that can be utilized for roadway and utility improvements. **WGI** has extensive experience working with the FDOT and with the administration of these programs. If the needs arises for assistance for this funding mechanisms with the State, we will be able to assist the City in addressing the strict requirements and extensive documentation to secure this funding. **WGI** worked closely with the City of Delray Beach and FDOT to obtain the City's LAP Certification, prepare the TAP applications, and throughout the execution of the LAP Agreement.

STORMWATER MANAGEMENT AND PERMITTING

WGI is a leader in stormwater management design and permitting, and has completed stormwater studies and associated plans for projects ranging from single roadway intersections, to small, rapidly developing communities, to large cities. **WGI** developed an innovative approach that integrates the needs of both the private sector and municipalities in the formulation of recommendations. Our stormwater plans are routinely approved and implemented with minimal opposition. We are able to accomplish this by including our clients and the regulatory agencies at the early stages of a project. They makes them part of the planning process and any potential permitting design issues are resolved right from the start. **WGI** has secured numerous National Pollutant Discharge Elimination System (NPDES) permits for construction projects from the United States Environmental Protection Agency over the program's 40-year history.

CONSTRUCTION ADMINISTRATION AND BIDDING

WGI's construction administration services begin prior to breaking ground with constructability reviews to ensure that a project can be built economically and as planned. We provide our municipal clients with bidding assistance and contractor coordination and oversight. The project submittals and shop drawing review process is diligently executed and accurately managed to ensure the procedures and materials meet the contract requirements. **WGI's** Field Engineers work closely with the owner and permitting agencies to verify the work is performed according to the contract plans, details and specifications. During construction, and upon completion, we review record drawings prepared by the contractor, or prepare them ourselves, to verify the completed work is documented accurately. Finally, we prepare final project documents and submit certifications to the owner and permitting agencies. Either as an extension of design services or as the owner's representative, WGI works to ensure the success of each project.

b. Experience in other related services that complement the above referenced Professional Services.

SUBSURFACE UTILITY ENGINEERING (SUE)

With over 30 years of experience, **SUE Division Manager Erik Brueningsen, PE**, proficiently manages any utility locating or utility coordination task that may arise. The prime objective of any utility locating assignment is a well-documented, high quality deliverable completed on time and within budget. In this regard, **WGI's** approach to utility locating focuses on providing solutions to your utility concerns; not simply obtaining location coordinates. Each assignment is viewed individually to determine the best approach, in light of the overall project objective, so as to achieve a cost-effective and quality driven deliverable. Using the most current technology available and a "best practices" approach, our associates are trained to provide Quality Level investigations per the ASCE and FDOT current guidelines. Our in-house tools and extensive field experience are not the end of our investigations; our excellent relationships with area Utility Agency Owners (UAOs) serve to expedite requests for available records, permits and as-builts to supplement all field investigations. This leads to the highest possible likelihood that all facilities will be identified and located, then correlated to their respective owners. With three "Vac" trucks, a full range of professional utility support services, and experienced personnel highly trained in surveying and mapping, Ground Penetrating Radar (GPR), vacuum excavation, high-definition laser scanning, Global Positioning Systems (GPS), Geographic Information Systems (GIS) and Computer Aided Design (CAD), **WGI** provides comprehensive services that are second to none.

UTILITY COORDINATION

WGI understands that effective utility coordination play a critical role in the successful completion of any project. **Robert Lowen**, 42 years of service for AT&T, and **Alan Boaz**, 33 years of service for FPL, provide a depth of resources and contacts that are unmatched in the industry. Our coordination efforts begin by completing a Sunshine State One Call of Florida (SSOCOF) design ticket, used to identify participating UAOs that have existing

or potential interests within the project limits. We recognize that not every UAO is an active member of SSOCOF; therefore, we seek out other UAOs through points of contact with participating UAOs, the existing **WGI** Utility Database, **WGI's** history with ongoing and completed projects, and other available sources. Research will be conducted to obtain all executed utility work schedules, utility records or utility as-built prints, as well as all plans for other proposed improvements. All utility information collected from the UAOs and our own field investigation will be incorporated into project plans for identification and avoidance of utility conflicts.

An important aspect of utility certification is the complete documentation of the utility process and the deliverables. In every case, all final documents must be clear and concise without need for additional clarification. Emphasis is placed on utility conflict avoidance, an area in which we excel. Our roadway, utility design and construction experience, combined with our design-build problem solving, provides unique insight into the art and science of utility conflict identification and innovative design resolution.

The objective of this contract is to serve the City on a wide range of utility location and utility coordination assignments of varying complexity. The WGI Team was assembled for exactly this purpose. Schedule is paramount, immediate response is a priority, and providing the depth of resources to handle multiple simultaneous assignments is critical in ensuring that assignments are handled on time and within budget.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has diverse viewpoints and concerns on issues pertaining to their specific neighborhood needs. When the public is involved in the decision-making process, such input has a real potential to positively shape the final set of actions and outcomes. Equally important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Successful public participation activities are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. To that end, it is critical that all involved have a clear understanding of the project's goals, objectives and strategies.

WGI's planners and designers have in-depth experience with redevelopment activities that involve removing the social barriers implanted by the corridors within a community. An example of this local understanding is shared by **Jennifer Hofmeister, AICP, WGI's** public outreach coordinator and director of public planning. While a neighborhood planner for the City of Delray Beach, Jennifer was educated on the historical significance of Swinton Avenue during and post segregation. She was an advocate for the African-American neighborhoods, with regular attendance at neighborhood meetings, and worked alongside the residents in developing neighborhood plans and implementing neighborhood improvement projects. Similarly, Jennifer was the former project manager for the Pleasant City neighborhood and the Northwood District in the City of West Palm Beach. During her tenure with the West Palm Beach CRA, she served as the medium between the community and the CRA where she implemented programs to revitalize the area and redesign physical elements that represented social barriers within the community.

Jennifer currently oversees a four-year, $40M road program in the City of Lake Worth. As Lake Worth's Public Involvement Coordinator, she has developed an extensive Public Involvement Plan that serves as a guide for ongoing public participation throughout the design and construction of the road program. **WGI** developed and maintains a multi-lingual interactive website and hotline for the City of Lake Worth offering residents a point of contact and serving as an information center for public inquiry. The Coordinator role maintains consistency, cohesiveness, and collaboration among City staff and consultants, resulting in the most effective public outreach and engagement process possible.

Additionally, **WGI** has been retained by the Westgate CRA to conduct a Westgate Corridor Streetscape Study, funded by the Florida Department of Economic Opportunity (FDEO). The Study will guide the development of a streetscape plan to improve walkability and other multi-modal transportation opportunities. Simultaneously, the goal of the plan is to beautify and enhance the area to attract new investment and promote economic development opportunities. As mentioned, a critical component to the success of any public project is participation from those

most affected. For this effort, the public participation process incorporated a two-part planning design charrette that provided a forum for ideas and offered the unique advantage of giving immediate feedback to the **WGI** planners and designers. More importantly, it allowed everyone who participated to take part in authoring the plan.

Finally, **WGI** public outreach efforts include a citizen-driven "Complete Streets" project for one of West Palm Beach's premier gateways, Banyan Boulevard, in the downtown. The Banyan Boulevard Improvement Project is more than a physical redesign of a West Palm Beach downtown corridor. If properly executed, the project has the power to unite, physically and socially, historically significant West Palm Beach neighborhoods and business districts, and the people who reside and work within them. With that historical insight, the **WGI** Team approach is to bring our passion and expertise out to the community and, through the eyes of the residents, uncover a new gateway to the heart of the downtown.

c. WGI's awards, certifications, or other recognition received by Proposer relative to work on projects in the designated Professional Services.

WGI has won several engineering awards for both traditional design-bid-build projects as well as design-build projects. We pride ourselves on the accomplishments we have made in the design of our clients' projects.

Listed below are awards WGI has won in the past three years:

- ✓ 2014 Engineer's Council Distinguished Engineering Project Achievement Award – Big John Monahan
- ✓ 2014 Zweig White Hot Firm – A Top 100 Firm (#41)
- ✓ 2014 Zweig White "Best Firms to Work For" Award
- ✓ South Florida Business Journal – Top 25 Engineering Firms #6 (June 2014) (# of PEs)
- ✓ 2014 Inc. 500/5000 List - #3767
- ✓ 2014 DBIA Florida Project of the Year Award – Big John Monahan Bridge Replacement Design-Build
- ✓ 2014 DBIA Florida Best Overall Design-Build Project of the Year – Big John Monahan Bridge Replacement
- ✓ 2015 ACEC National Recognition Award – Big John Monahan Bridge Replacement
- ✓ 2015 Florida Institute of Consulting Engineers Grand Award – Big John Monahan Bridge Replacement
- ✓ 2015 ENR Top 500 Design Firms - #338
- ✓ 2015 ENR Southeast Top Design Firms - #24
- ✓ 2015 Zweig Group Top 100 Fastest Growing Companies - #39
- ✓ 2015 Zweig Group Best Firms to Work For - #42
- ✓ 2015 South Florida Business Journal Top 100 Fastest Growing Companies - #70
- ✓ 2015 South Florida Business Journal Top 25 Engineering Firms - #6
- ✓ 2015 Inc. 5000 Fastest Growing Private Companies - #3425
- ✓ 2015 South Florida Business Journal Fast 50 Honoree - #12
- ✓ 2015 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue - #23
- ✓ 2016 South Florida Business Journal Top 100 Fastest Growing Companies - #60
- ✓ 2016 South Florida Business Journal Top 25 Engineering Firms - #10
- ✓ 2016 ENR Top 500 Design Firms - #253
- ✓ 2016 ENR Southeast Top Design Firms - #17
- ✓ 2016 Zweig Group Hot Firms List (Top 100 Fastest Growing Companies) - #5
- ✓ 2016 Zweig Group Best Firms to Work For - #19

- ✓ 2016 Zweig Group Marketing Excellence Award – 1st place in Internal Marketing; 2nd place in Integrated Marketing
- ✓ 2016 Zweig Group Trifecta Award
- ✓ 2016 South Florida Business Journal Fast 50 Honoree - #7
- ✓ 2016 Inc5000 - #1609
- ✓ 2016 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue
- ✓ 2016 DBIA Florida Honor Award for US 41 from SR 951 to Greenway Road Design-Build
- ✓ 2016 Statewide Business Journal Fast 100 List - #37
- ✓ 2017 University of Florida Gator 100 Fast Growing Companies - #29
- ✓ 2017 South Florida Business Journal Top 25 Engineering Firms - #5

iii. Submit five client references for whom Proposer has provided Professional Services similar to those specified in this RFQ in the past five years and who are agreeable to respond to a request from the City regarding proposer's experience.

REFERENCE 1 - Cinquez Park Design-Build

a. Organization name: Town of Jupiter - Engineering
b. Contact name(s):Thomas Hernandez, PE
c. Contact email address:ThomasH@jupiter.fl.us
d. Address: : 210 Military Trail Jupiter, Florida 33458
e. Telephone and fax numbers: Phone: 561.741.2680 Fax: 561.741.2515
f. Dates of service (start/end): From: 03/2016 To: 3/2017
g. Scope (Type of Professional Service provided):): Engineering Project Manager for the design, permitting and construction of Cinquez Park. Cinquez Park is a 13 acre multi-use park located off of Indiantown Road. The design included paving, grading, stormwater management, water and sewer services.

REFERENCE 2 - City of Pahokee - Various Projects

a. Organization name: City of Pahokee
b. Contact name(s): Chandler F. Williamson, City Manager
c. Contact email address: CWilliamson@cityofpahokee.com
d. Address: : 207 Begonia Drive, Pahokee, Florida 33476
e. Telephone and fax numbers: Phone: 561.924.5534 Fax: 561.924.8181
f. Dates of service (start/end): From: 2013 To: Ongoing
g. Scope (Type of Professional Service provided): As the City's only general consulting engineer, WGI has provided the City various engineering, surveying, planning and cost estimating services. Brian LaMotte has been instrumental in assisting the City in the procurement on approximately $2.6 million of FDOT-SCOP funding for roadway resurfacing and reconstruction.

REFERENCE 3 - : Palm Beach County - Various Projects

a. Organization name: Palm Beach County
b. Contact name(s): Tanya McConnell, PE Deputy County Engineer
c. Contact email address: tmcconne@pbcgov.org
d. Address:2300 North Jog Road, Third Floor, West Palm Beach, Florida 33411
e. Telephone and fax numbers: Phone: 561.684.4019 Fax: 561.684.4166
f. Dates of service (start/end): From: 1991 To: Current
g. Scope (Type of Professional Service provided):WGI has provided engineering and surveying services for roadways throughout Palm Beach County. These services included a variety of surveying tasks, sketches and legal description preparation, utility locating (SUE), roadway design, permitting and cost estimating. The most recent County roadway projects included Hood Road, Jog Road Extension, Community Drive and Military Trail widening and the on-going Australian Avenue / Palm Beach Lakes Boulevard widening project.

REFERENCE 4 - City of Lake Worth - Lake Worth Roadway Bond Program

a. Organization name: City of Lake Worth
b. Contact name(s): Felipe Lofaso - Assistant Director for Public Services
c. Contact email address: flofaso@lakeworth.org

d. Address:1749 3rd Ave South, Lake Worth, Florida 33460
e. Telephone and fax numbers: Phone: 561.586.1720 Fax: None
f. Dates of service (start/end): From: 01/2017 To: 03/2017
g. Scope (Type of Professional Service provided):Program Manager for the Lake Worth Roadway Bond Program. The program includes acting as the liaison between the City, residents, multiple consultants and contractors for the successful completion of roadway improvements through all four City districts over a four year duration.

REFERENCE 5 - City of Delray Beach - Environmental Services Department

a. Organization name: City of Delray Beach
b. Contact name(s): Isaac Kovner, PE
c. Contact email address: kovner@mydelraybeach.com
d. Address:434 S Swinton Avenue, Delray Beach, Florida 33444
e. Telephone and fax numbers: Phone: 561-243-7000 Fax: 561-243-7060
f. Dates of service (start/end): From: 04/2015 To: 03/2017
g. Scope (Type of Professional Service provided): Engineering Services on a continuing services contract, including the design of roadway reconstruction, swales, drainage, sidewalks and pedestrian ramps, bicycle lanes water and sewer.

iv. Submit the following information documenting experience of the key personnel proposed by Proposer to include, but not limited to the following:

a. List of up to five key personnel who are proposed for work on this project to include any subcontractors.

- ✓ Brett Oldford, PE (WGI)
- ✓ Richard Hasko, PE (WGI)
- ✓ Adam Schildmeier, PE (WGI)
- ✓ Chris Holmes, PE (WGI)
- ✓ Brian Arnold, PE (WGI)

(see the following pages)

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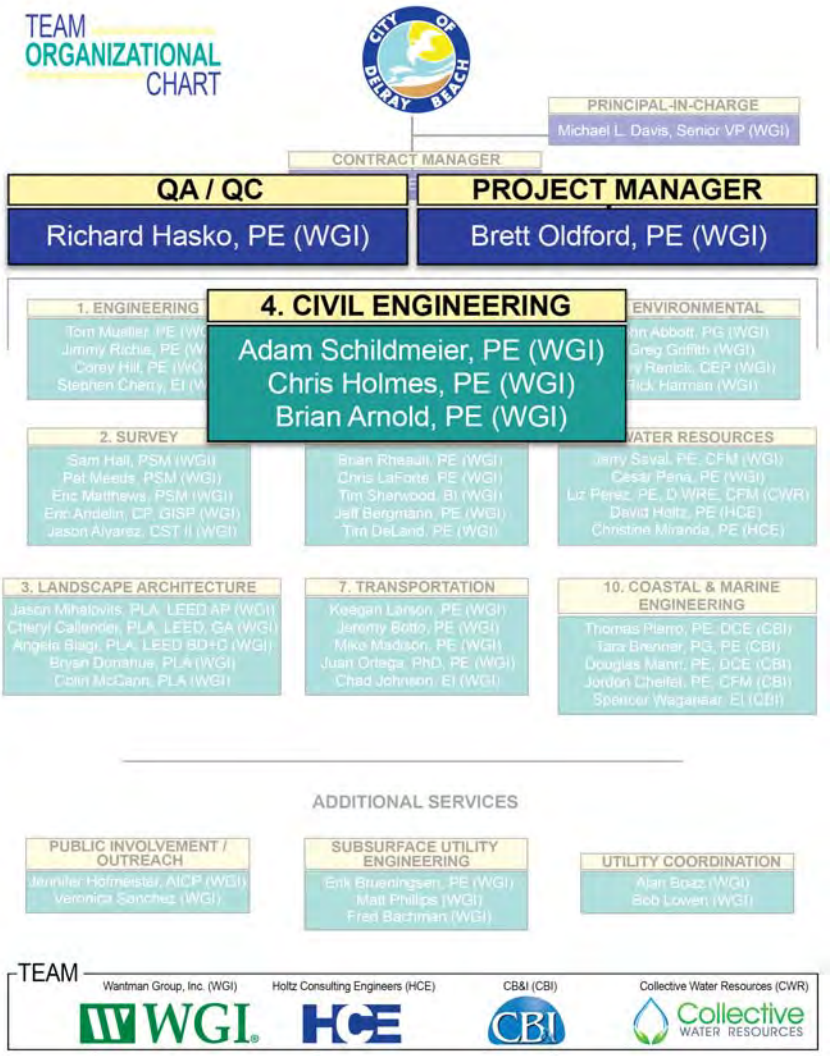
b. Provide the role of each of the above referenced personnel within the provision of services.

- ✓ Brett Oldford, PE (WGI) - project manager for civil
- ✓ Richard Hasko, PE (WGI) - QA/QC for civil
- ✓ Adam Schildmeier, PE (WGI) - senior professional engineer for civil
- ✓ Chris Holmes, PE (WGI) - senior professional engineer for civil
- ✓ Brian Arnold, PE (WGI) - professional engineer for civil



c. For each key personnel listed above, provide a resume/bio of the individuals experience, qualifications, work history, education and any related licenses and certifications.

(see the following pages)

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RELEVANT EXPERIENCE

City of Lake Worth Neighborhood Streets Program Management, Palm Beach County, City of Lake Worth, Project Manager. As project manager, Brett is responsible for schedule and cost performance as well as overall delivery of the project. WGI was contracted by the City of Lake Worth to provide program management services and support the administration of the $40M Neighborhood Streets Program. The objective of the Neighborhood Streets Program is to improve the City's aging infrastructure. WGI's role includes the management and coordination of several consultants and contractors through planning, public outreach and involvement, design, bidding, and construction. WGI functions as a liaison between the City of Lake Worth, consultants, contractors, residents and other stakeholders. The program management responsibilities include oversight of all scheduling activities, project and program costs, and the technical performance of consultants and contractors to ensure the Neighborhood Streets Program meets the goals and objectives of the City. Oversight will be provided through all project phases, including the preparation of construction plans, contract bidding documents, construction, and overall contract compliance. The public outreach and involvement responsibilities include development and maintenance of an overall program website that provides City officials, emergency services and the community a place to review all upcoming work, track progress and celebrate successes. Coordination of social media activities for the Program, and aerial photography and inspection using WGI drones or unmanned aerial vehicles (UAVs), are also provided.

E Main Place Roadway Improvements, Palm Beach County, City of Pahokee, Project Manager. The 50-foot roadway design included two 12-foot wide travel lanes, two 4-foot bike lanes, and two 5-foot sidewalks. One element of the design included the replacement of the Type “F” curb and gutter, pavement, sidewalks, and drainage system repair. The design also included the complete reconstruction of the road section, including the road base material, construction of driveway turnouts at all existing driveways, a 12-inch water main relocation, drainage system improvements, and pavement signing and marking. Services included engineering design, surveying, permitting, and bidding assistance. This project was adjacent to a Palm Beach County elementary school and the design and construction took into account the student's testing schedules and bus and parent pick-up and drop-off access issues. Funding for this project was through the Florida Department of Transportation's Specific Appropriation for Rural Areas of Opportunity (SCOPP) Funding Program.

Central County Wastewater Treatment Facility, St. Lucie County, Project Manager. Brett served as project manager and was responsible for the overall delivery and performance. WGI was awarded preliminary engineering, engineering and permitting for this wastewater treatment facility on an approximately 5.5-acre area located in the northwest portion of the St. Lucie County Baling and Recycling Facility property. The site has been designated for use by St. Lucie County Utilities (SCLU) for the siting of wastewater treatment and disposal facilities to serve the SLCU Central County Service Area. WGI performed preliminary engineering services including site investigations, evaluated the capacity of the packaged wastewater treatment facilities, and identified other facility needs, such as an influent flow equalization basin, as well as evaluated the conceptual design and predicted performance of Rapid Infiltration Basins (RIBs) at the site for effluent disposal via percolation to groundwater. Engineering services for the design and permitting of the 35,000 gallons per day wastewater treatment facility were also provided.

Brett Oldford, PE

Project Manager, Civil Engineering

PROFESSIONAL PROFILE:

Brett has over 22 years of planning, design, permitting, value engineering, and construction management experience covering municipal infrastructure, civil/site design and land development projects. His experience includes providing professional consulting services for both private and municipal sector clients. Serving as project manager, Brett's project list includes large scale residential, commercial and mixed-use developments, petroleum facilities, marinas, dredge and fill projects, water resource, stormwater management system and utility improvements, roadway projects, municipal parks and infrastructure design.

REGISTRATIONS:

Registered Professional Engineer: Florida #61795

EDUCATION:

Bachelor of Science, Civil Engineering - Florida State University, 2000

TOTAL YEARS EXPERIENCE: 22

WGI

Cinquez Park Design-Build, Palm Beach County, West Construction, Inc., Project Manager. Brett served as project manager for the civil engineering, landscape architecture, irrigation design and environmental services for the design, permitting and construction of Cinquez Park for the Town of Jupiter. Cinquez Park is located on approximately 13 acres immediately north of the intersection of Indiantown Road and Center Street in Jupiter, Florida. The Park's development has been split into two phases. Phase I is an open space park which includes on-street parking, a small restroom/storage building, sidewalks, gazebos, and a dog park. The future Phase II of Cinquez Park is currently planned to include a playground area, additional sidewalks, an additional gazebo, and potentially construct a treehouse in the large Banyan tree located on the property.

NE 2nd Avenue Roadway Restoration and Beautification, Palm Beach County, City of Delray Beach, Project Manager. Brett served as the lead design engineer for the NE 2nd Avenue Roadway "Complete Street" Project Phase I and II and worked closely with the City of Delray Beach, the City of Delray Beach CRA and the Florida Department of Transportation (FDOT) on the reconstruction and roadway enhancements of this local arterial roadway located within a historical district of the City. Due to a significant portion of the funding coming from the FDOT Local Agency Program (LAP), WGI was responsible for the coordination and specific deliverable requirements inherent in a LAP-funded project, and for ensuring all criteria and requirements of the LAP funding process were addressed and fully documented. The overall goal of the project was to enhance the roadway, which runs through a historical district, by designing traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks, and landscaped bulb-outs. A unique feature in the design was the inclusion of green-striped bicycle lanes to clearly designate the lanes, which was a key requirement of the LAP funding. WGI responsibilities included all aspects of the roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation, as well as the coordination of the LAP documentation which included the preparation of a Cultural Resource Assessment Study (CRAS) and an Environmental Resource Assessment report in conformance with the Federal Highway Administration (FHWA), Federal Transit Authority (FTA), and the FDOT Agency Operating Agreement.

Vista View Park Expansion, Broward County, Broward County Parks and Recreation Department, Project Manager. Brett served as project manager during construction for a 62-acre park expansion highlighted for full integration with the Americans with Disabilities Act. Park amenities included a horse corral, exercise shelters, event pavilions, and 3 miles of equestrian and recreational walkways. Construction administration services included holding regular progress meetings, reviewing contractor submittals, pay requests, updated schedules, engineering during construction, inspection, certification, and project close-out for the Broward County Parks and Recreation Division.

Injection Well Pump Station Design, West Palm Beach, Palm Beach County Solid Waste Authority, Project Manager. Brett served as the Project Manager for a team of surveyors, geotechnical, civil, mechanical, structural and electrical engineers, on a project that created increased reliability and redundancy for the injection well pump station that serves the North County Landfill's Leachate, Recycling, Biosolids Pelletization, and Industrial Waste Water systems. The improvements within the scope of the project included the design of a shared effluent collection chamber and an additional wet well and pump station. Control logic was developed to maximize the systems operational efficiency by directing lower effluent flows to the existing wet well and pump station and moderate to heavy flows to the new wet well and pump station that was equipped with two-2,800 gpm variable speed, five stage vertical turbine pumps.

Martin County Plant Wastewater Collection Tank Relocation, Indiantown, Florida Power & Light, Project Manger. Brett served as Project Manager and Prime for a design-build project that included the demolition of an existing 70 ft. diameter wastewater collection tank and the construction of a 90 ft. diameter, 26 ft. high replacement tank. Project design elements included civil, structural, electrical, controls and mechanical design. Management responsibilities included all aspects of the contracting, design, permitting, construction and project close out.

Marriott Ocean Pointe Phase 5, Palm Beach Shores, Marriott Vacation Club, Project Manager. Brett served as Project Manager providing engineering during construction services for the construction of a five building, multi-phased, high-rise condominium development located in Palm Beach County along the Atlantic Ocean shoreline.

RELEVANT EXPERIENCE

Vista Center Parcel 7 Engineering Services, Palm Beach County, Contractors Business Park, Inc. The proposed development is a 6.5-acre light industrial business park with warehouses and office buildings. WGI will be responsible for the overall development of the property that will be subdivided into parcels for each building and customized for individual owners as needed. WGI will be providing stormwater management, pollution control, pavement signage and marking, drainage, and potable water and sanitary sewer design. Permitting efforts include the application and follow-up with the following agencies; Palm Beach County Engineering Department, Palm Beach County Water Utilities Department, Northern Palm Beach County Improvement District, South Florida Water Management District and Florida Department of Environmental Protection. Construction services include pre-construction meetings, submittal review, field observations, response to requests for information, record drawing review and final certifications of completion.

Canyon Springs HOA Inspection, Palm Beach County, Canyon Springs HOA. WGI is providing the Canyon Springs Home Owners Association (HOA) with professional construction phase services for the inspection of projects to confirm that construction was completed in accordance with the approved plans. The construction inspection services are to confirm that items such as walkways, driveways, fencing, pool decks, and other improvements are installed in general conformance with the approved plans and do not adversely affect adjacent properties, including existing infrastructure and drainage patterns, and do not encroach on setbacks or property lines.

Saddle Trail Park South, Palm Beach County, Village of Wellington. WGI is providing construction phase services to the Village of Wellington for the Saddle Trail Park South Neighborhood improvement project. The project includes the reconfiguration and paving of existing shellrock roads, construction of new bridle trails within the existing road rights-of-way, installation of new water mains and associated appurtenances, reconfiguration of existing drainage features, and construction of new asphalt driveways within the existing road rights-of-way. WGI will provide full-time on-site construction phase services.

Potable Water Distribution and Wastewater Collection and Treatment, Palm Beach County, Westgate/Belvedere Homes Community Redevelopment Agency, Project Manager. Analysis of requirements and report of recommendations for master water distribution and wastewater collection systems improvements for the Westgate/Belvedere Homes Community Redevelopment Agency. Design and permitting of water distribution and wastewater collection/transmission systems for a 300-unit residential subdivision in Delray Beach, FL for K. Hovnanian Company. Design and permitting of 60,000 GPD extended aeration wastewater treatment facility for a 200-unit condominium project in Tavernier, FL for U.S. Home Corporation, including construction coordination and contract administration. Design of water distribution and wastewater collection/transmission infrastructure systems for a 3,500-unit residential PUD in Greenacres City, FL for River Bridge Corporation. Design of municipal water distribution and wastewater transmission infrastructure system expansion in conjunction with continuing land development of Martin Downs PUD in Martin County, FL for Southern Realty Group, including construction coordination and contract administration.

Richard Hasko, PE

QA/QC
Civil Engineering

PROFESSIONAL PROFILE:
Richard has nearly three decades of experience as a professional engineer and has worked in both the public and private sectors over his lengthy career. Having started in the private sector, Richard has owned his own company and most recently was the Director of Environmental Services for the City of Delray Beach where he was responsible for the oversight and administration of divisions including Public Utilities, Public Works, Engineering and Construction. Additional responsibilities included administration and monitoring of the Department's annual operations budget, as well as capital and bond funded projects. Richard's varied experience is an asset on any project.

REGISTRATIONS:
Professional Engineer: Florida #36096, 1985

TOTAL YEARS EXPERIENCE: 27

WGI

RELEVANT EXPERIENCEA

Big Box Development, Miami-Dade and Broward Counties, Project Manager. Adam was the Project Manager for several big box projects in Miami-Dade and Broward Counties. In this role, Adam was responsible for the civil aspects of many Walmart and Lowe's projects in multiple jurisdictions from the City of Homestead and Miami-Dade County to Hallandale Beach and Broward County. These 100,000+ square foot projects encompassed everything from new construction to retrofits and expansions. Adam was responsible for all engineering planning and design for each development including entitlements, permitting, platting coordination, stormwater management design, as well as utility coordination and construction observation services. Many projects included land use and zoning changes, easement and service agreements, utility pole relocations and coordination with multiple jurisdictions and permitting agencies across the state.

Sailfish Splash Water Park, Martin County, Project Manager. A design-build project with Martin County, the Sailfish Splash Water Park features 2-4 story high waterslides, a 900-foot interactive Lazy River ride, a 7,000-square foot children's interactive water playground, a heated, six-lane Learn-To-Swim pool, and a geothermally heated and chilled 50 meter competition pool with a diving well. As the Project Manager, Adam coordinated directly with the client and contractor to finalize design, obtain all necessary permits, and oversee construction services. Civil services included a nutrient loading analysis for stormwater management, a regional drainage study and gravity main extension.

Grand Oaks Assisted Living Facility, Martin County, Visiting Nurses Association, Project Manager. Adam was the Project Manager and Engineer-of-Record for the design of a two-story, 66 bed assisted living facility located in Jensen Beach in unincorporated Martin County. Services provided to the VNA included entitlements, stormwater and utility design plans and specifications including a lift station, permitting through SFWMD and Martin County Utilities, and preparation of cost estimates and final bid documents.

Chasewood Shopping Plaza, Town of Jupiter, Palm Beach County, Project Manager. Chasewood Shopping Plaza was an existing retail strip center anchored by Publix in northern Palm Beach County. The project included demolition of over 13,000 square feet of existing retail area and construction of 6,500 square feet of restaurant and commercial uses with annexation of a small parcel into the Town of Jupiter. The design included new parking areas and retrofitting existing utility and drainage facilities to accommodate the new buildings, while maintaining an operating retail space.

Greenwood Shopping Centre, Village of Palm Springs, Palm Beach County, Project Manager. Greenwood Shopping Centre was an existing retail strip center anchored by Publix in central Palm Beach County. Initially, services included a platting exercise to subdivide the two on-site banks, but additional scope was necessary to include a Bealls Outlet expansion, site planning, Chancery review by Lake Worth Drainage District, entitlements, and several variances.

Adam Schildmeier, PE, LEED AP

Civil Engineering

PROFESSIONAL PROFILE:
Adam is a project manager in the Land Development Division with more than 12 years of experience. His responsibilities include project management while assisting with design and plans preparation and working closely with the project design team to ensure that final design plans meet industry criteria and client needs. He is experienced in all aspects of civil and big box engineering, design and planning.

REGISTRATIONS:
Professional Engineer: Florida #69218, 2009

CERTIFICATIONS:
FDEP Stormwater Management Inspector

LEED Accredited Professional

EDUCATION:
Bachelor of Science, Civil Engineering - Purdue University, 2004

AFFILIATIONS:
Florida Engineering Society, State Director of the Treasure Coast Chapter

National Society of Professional Engineers

TOTAL YEARS EXPERIENCE: 12

WGI

RELEVANT EXPERIENCE

South County Regional Park, Boca Raton, Palm Beach County Capital Improvements Division, Project Manager and Project Engineer. Chris was responsible for the design, permitting, preparation of construction documents, and construction observation services for a one-mile roadway project within the South County Regional Park in Boca Raton. He provided assistance to obtain permits and/or approvals from the South Florida Water Management District and Lake Worth Drainage District. Scope of work included the construction of a new roadway with associated drainage and utilities within an existing park. The project also included the design of a new 72-inch culvert under the roadway to provide an interconnection between existing canals and accommodate park visitors using the canals for recreational purposes.

Riverbend Park, Jupiter, Palm Beach County Capital Improvements Division, Project Manager and Project Engineer. Chris designed the master set of construction documents to include all improvements associated with the master plan. In addition, he designed and permitted phased segments of the master plan for construction with the Town of Jupiter. Palm Beach County Parks and Recreation proposed plans for development within Riverbend Park including a system of access roads, bridges, restroom facilities, utilities, canoe launch facility, and picnic shelters.

Cinquez Park Design-Build, Palm Beach County, Project Manager. As the project manager and lead design engineer for civil engineering services, Chris is responsible for the overall delivery of the project as well as the civil engineering design, permitting and construction phase services. Cinquez Park is located on approximately 13 acres immediately north of the intersection of Indiantown Road and Center Street in Jupiter, Florida. The Park's development has been split into two phases. Phase I is an open space park which includes on-street parking, a small restroom/storage building, sidewalks, gazebos, and a dog park. The future Phase II of Cinquez Park is currently planned to include a playground area, additional sidewalks, an additional gazebo, and potentially construct a treehouse in the large Banyan tree located on the property.

Florida Atlantic University Parking Improvements, City of Boca Raton, Florida Atlantic University (FAU), Project Manager and Project Engineer. Chris designed and permitted the construction documents and provided construction observation services during construction for various parking improvements within FAU's Boca Raton campus. He also provided assistance to obtain permits and/or approvals from South Florida Water Management District and Lake Worth Drainage District. The scope of work included the design and permitting for parking areas ranging from 50 spaces to over 1,000 spaces.

Wellington Regional Medical Center, Palm Beach County, Project Manager. Chris was responsible for the design, permitting and preparation of construction documents for multiple projects within the Wellington Regional Medical Center campus including the Cancer Center and Emergency Room/NICU addition.

Chris Holmes, PE

Civil Engineering

PROFESSIONAL PROFILE:
Chris is a results-oriented project engineer and project manager with the ability to simultaneously manage and coordinate multiple engineering projects. He specializes in the design, regulatory agency permitting and preparation of construction documents for water distribution, wastewater collection, stormwater collection and site grading for a variety of projects for both public and private clients

REGISTRATIONS:
Registered Professional Engineer: Florida #66344 2007

EDUCATION:
Bachelor of Science, Civil Engineering - Florida State University, 1999

TOTAL YEARS EXPERIENCE: 15

WGI

RELEVANT EXPERIENCE

Central County Wastewater Treatment Facility, St. Lucie County, Project Engineer. WGI was awarded preliminary engineering, engineering and permitting for this wastewater treatment facility on an approximately 5.5-acre area located in the northwest portion of the St. Lucie County Baling and Recycling Facility property. The site has been designated for use by St. Lucie County Utilities (SCLU) for the siting of wastewater treatment and disposal facilities to serve the SLCU Central County Service Area. Brian performed preliminary engineering services including site investigations, evaluated the capacity of the packaged wastewater treatment facilities, and identified other facility needs, such as an influent flow equalization basin, as well as evaluated the conceptual design and predicted performance of Rapid Infiltration Basins (RIBs) at the site for effluent disposal via percolation to groundwater. Engineering services for the design and permitting of the 35,000 gallons per day wastewater treatment facility were also provided.

Oxbridge Academy Engineering and Survey Services, Palm Beach County, Oxbridge Academy of the Palm Beaches, Project Engineer. The Oxbridge Academy of the Palm Beaches transformed an existing institutional building into a new private high school in Palm Beach County. WGI assisted by providing site civil engineering design, permitting, surveying and construction administration services for the new high school campus. Site civil engineering services included the design and permitting of various site utilities and facilities including new classrooms, gymnasium, field houses, Olympic-size pool and a 13-acre athletic complex. WGI was also responsible for all surveying activities including: boundary, topographic and location surveys, building stake-out, easements, sketches and descriptions, athletic field construction layout and platting. The Academy is located in both the City of West Palm Beach and Palm Beach County; therefore, permits from both agencies had to be secured. Other permitting agencies included South Florida Water Management District for surface water and water use permits, Florida Department of Transportation for right-of-way, turn-out and drainage permits, City of West Palm Beach Engineering and Palm Beach County Land Development Division for site civil improvements, Northern Palm Beach County Improvement District for drainage permits, and Palm Beach County Water Utilities Department and Florida Department of Environmental Protection for water distribution and wastewater collection permits.

Saddle Trail Park (South) Neighborhood Improvement Project, Palm Beach County, Village of Wellington, Project Engineer. WGI was selected to provide surveying, engineering design, permitting, public involvement assistance, bond assistance and construction engineering services for the Saddle Trail Park (South) Neighborhood Improvement project. Key components of the project include the paving of existing shellrock roads, construction of new equestrian bridle trails, construction of approximately 17,500 linear feet of 8-inch new public water mains, fire hydrants, driveway connections and drainage system reconstruction. Saddle Trail Park is part of Wellington's Equestrian Preserve area and presented unique obstacles for the design and construction of the project. Funding for the improvements were provided through the proceeds of Infrastructure Improvement Bonds with repayment being accomplished through annual assessments pursuant to Chapter 170 of the Florida Statutes.

Brian Arnold, PE

Civil Engineering

PROFESSIONAL PROFILE:
With 6 years of design experience, Brian has worked on a variety of civil engineering projects serving state, municipal, institutional and private development clients. Mostly specializing in private development, he provides a full range of services throughout the project life from due diligence to construction certification. Brian contributes in the engineering design process by developing plans, calculations, and reports. He has experience permitting with a variety of jurisdictions throughout South Florida. When in the construction phase, Brian attends onsite inspections and writes field reports to provide assurance for acceptable construction. With the client's needs in mind, many of Brian's projects are delivered on time and under budget.

REGISTRATIONS:
Professional Engineer: Florida #81294, 2016

EDUCATION:
Bachelor of Science, Civil Engineering - Virginia Tech, 2011

TOTAL YEARS EXPERIENCE: 6

WGI

B. APPROACH TO PROJECT MANAGEMENT -

i. Provide a detailed narrative description of the proposed approach and methodology for engaging with City representatives while in the course of performing the duties.

The **WGI** Team has an exceptionally strong project management approach that is time tested and proven successful over a 45-year history. When authorized by the City of Delray Beach (City), **WGI** will provide the necessary professional personnel, equipment, technology and management expertise to accomplish all tasks assigned under this contract. Our staff is accommodating, and with our commitment to technology and ability to utilize the specialized equipment at our disposal, no assignment is beyond our capability. In order to properly address permitting, design, environmental, drainage, and private property ownership issues, as well as conduct an effective public outreach effort, a well-defined approach needs to be implemented and adhered to. Throughout the design process, WGI will continually communicate and solicit feedback from City representatives in order to meet the City's goals and objectives.

ii. Describe in detail Proposer's approach to the design of projects.

Project Manager Brett Oldford, PE understands that any successful project starts with a well thought out, comprehensive, and detailed scope. Prior to having a formal written contract, a significant effort must be employed to identify critical path items, potential project issues, data gaps, communications protocols, deliverables, and project schedules. This effort takes time and dedication; however, **WGI** has proven time and time again that the benefits of planning the project correctly pay significant dividends, not only throughout the design phase, but more importantly, throughout the construction phase as well.

To that end, the following steps will be taken prior to the finalization of the project service authorization:

1. Perform a site visit with City representatives prior to the development of the project scope;
2. Outline project objectives after the site visit (within 24 hours) and provide to the City for review and comment;
3. Develop a draft project scope incorporating the approved outlined project objectives and provide to the City for review and comment;
4. Coordinate with City staff to ensure the scope and deliverables are in compliance with the established schedules and budget; and
5. Finalize project scope.

The tasks below represent our typical comprehensive approach for the successful completion of a project. Individual tasks may not apply to every project depending on their size and complexity.

Initial Phase – Project Development

- Schedule a design kick-off meeting with staff and subconsultants to define the communications protocol and confirm complete understanding of the scope of services, schedule and budget;
- Coordinate engineering design activities including surveys, inspections and evaluations, collection of data, engineering feasibility reports and studies, and cost estimates. Utility coordination with providers such as FP&L, CATV, and others must occur during this step to identify potential conflicts and to define the resolution of those conflicts;
- Coordinate with subconsultants on their role and communicate plan expectations, including deliverables, timing of submittals, and budgetary constraints;
- Complete any necessary field surveying including, but not limited to, establishing a primary horizontal and vertical control network utilizing either conventional or GPS methodology, and performing a topographic survey utilizing either Total Station with data collectors or GPS equipment that meets minimum technical standards;
- If necessary, perform subsurface utility evaluations, using WGI's latest "soft dig" and ground penetrating radar technology. The data is then incorporated into the survey;
- Meet with City staff to review the preliminary findings and discuss the approach to the project from the information gathered in this phase; and
- Define the scope and scheduling for the public outreach for the program.

Preliminary Design Development of Plan/Report – (30% Phase)

- Prepare preliminary (30%) design plans and/or reports which include supporting calculations, cost estimates, and a schedule;

- Conduct pre-application meetings with regulatory agencies;
- Initiate a peer review of the 30% plans and incorporate comments into the plans or report;
- Coordinate with subconsultants to establish the scope of deliverables and timing of submittals;
- Meet with City staff to present the 30% plans, reports and preliminary calculations, and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Conceptual Development of Plan/Report – (60% Phase)

- Prepare 60% design plans/reports including supporting calculations, specifications, construction cost estimates, and a schedule. This phase will incorporate comments received from the City in the 30% conceptual design phase, including input and permit requirements/conditions from the regulatory agencies;
- Prepare and coordinate legal documents and exhibits that will be needed for construction, ingress/egress, or infrastructure improvements.
- Perform peer review and quality control review on plans/reports, calculations, and specifications;
- Prepare and submit permit applications to required agencies. WGI incorporates a systematic approach to permit follow-up and tracking. We pride ourselves on our ability to address permit issues and secure permits in a timely manner;
- Address all comments received from the permitting agencies and make the required changes to the plan and supporting documents to secure the permits. WGI will always keep the best interests of the City in mind when negotiating with the regulatory agencies. We have the experience and expertise to know when a regulatory requirement is arbitrary and capricious and will do everything we can do to protect the City and mitigate any unnecessary requirements placed in the permits;
- Meet with the City staff, if necessary, and present the 60% plans/report and preliminary calculations and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Final Design Development of Plans/Report – (100% Phase)

- Prepare final (100%) documents including final reports, bid tabulation forms, specifications, plans, calculations, and final cost estimates. This phase will incorporate comments received from the City in the 60% design phase, including input received from the regulatory agencies;
- Perform a final peer review and quality control review on plans/reports, calculations and specifications;
- Secure all permits and inform the City of any special conditions or conditions that may affect the schedule or budget;
- Meet with the City Staff to discuss the final plans/reports and permits and discuss how they will affect the implementation of the project;
- Finalize and coordinate easements and exhibits necessary for the project;
- Assist the City in preparing final bid documents and establish timeframes for when the project will be initiated; and
- Present project before the City Commission.

iii. Narrative that demonstrates working knowledge and understanding of the Professional Services requirements in this RFQ.

WGI has successfully worked with the City of Delray Beach for years. Our in-depth knowledge of the character and uniqueness of the City includes the intrinsic differences between its neighborhoods and the vision and intent the City's administrative staff has adopted with the approval of the Complete Streets Policy in November of 2016.

We understand that the projects included in this contract will cover all aspects of the City's municipal infrastructure, including complete neighborhoods, utilities, stormwater, parks, seawalls, structural inspections, coastal and environmental design, transportation and traffic studies, and CEI services.

The City is empowered with the fiduciary responsibility to provide its residents with services that support safe, efficient, and practical solutions to their needs. In order to accomplish this, the City and consultants must reach out to the residents to both inform them of the project, as well as to solicit input that will help guide the design of the improvements.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has a diverse array of views and concerns on issues pertaining to their own specific neighborhood needs. When the public is involved in the decision-making process such input has a real potential to positively shape the final set of actions and outcomes for a project. As important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Public participation activities that have proven successful are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. Having said that, it is critical that all involved in the process have a clear understanding of the project's goals, objectives and strategies.

A Public Involvement Plan (PIP) is created and implemented to serve as a tiered and staged outreach approach to proactively engage a variety of audiences and to build ownership and support for a project. The PIP includes some or all of the following:

- Project logo and branding
- Stakeholder committee
- Newsletters, both electronic and paper, distributed to a database of impacted City residents and businesses that will include a calendar of events to keep the community apprised of upcoming events
- Collateral translated into Spanish and Creole
- Public workshops
- Grassroots community outreach
- Public outreach events
- Project website
- Social media and digital engagement, such as: Facebook, Twitter, LinkedIn, YouTube, and Pinterest
- Stakeholder interviews
- Database for outreach tracking
- A communication crisis plan to avert public conflicts and act decisively on threats to a safe environment

The **purpose of the PIP** is to ensure public participation is inclusive of all affected residents of the community. In doing so, special consideration must be given to reaching and involving the traditionally underserved, such as minority, low-income, disabled, those with language barriers, and others who are restricted from accessing information. Additionally, the scope of public involvement may differ with each project development study and should be adapted to the complexity of the project. The ultimate goal is to incorporate all people into the decision-making process, adjust to the community's needs, and solicit input throughout the life of a project. The **PIP** should also demonstrate how adjustments or accommodations were made to involve the public at each stage of the decision-making process. The PIP process generally consists of **four phases: global activities, design, construction and evaluation, and the public outreach activities will vary accordingly.**

iv. Details of how work under a Service Authorization will be implemented and how services will be provided.
Over the past decade, WGI has prepared countless Service Authorization proposals, which include the establishment of a comprehensive scope of work, detailed hourly labor breakdown, and a project schedule. The Service Authorization, in conjunction with the Master Contract, become the consultant's contract for services of the specific project.

The improvements for each project will be designed and implemented using WGI's proven project approach described above, allowing time in the schedule to include all data collection efforts, records research, design development, periodic reviews by City staff, and the critical process of public involvement.

v. Specify the location(s), including the complete physical address, where the work will be performed, including work performed by subcontractors, if applicable.
The entirety of the work under this contract will be performed by firms located in Palm Beach County. The address of WGI's corporate headquarters, and those of our subcontractors, are listed below.

WGI
2035 Vista Parkway
West Palm Beach, FL 33411

HCE
270 South Central Boulevard, Suite 207
Jupiter, Florida 33458

CB&I
2481 NW Boca Raton Boulevard
Boca Raton, Florida, 33431

Collective Water Resources
8461 Lake Worth Road #231
Lake Worth, Florida 33467

vi. Proposer shall thoroughly explain:

1. Its accessibility in the areas of availability for meetings, general communications, coordination, and supervision

In previous sections, WGI has stated our commitment to the City of Delray Beach under this contract, but the best evidence of this commitment is our track record with the City over the past decade. WGI staff will make adjustments to our schedule to eliminate conflicts and make ourselves available for any and all meetings with the City. Providing timely responses and being available outside of normal business hours is part of the WGI culture and is embraced by our associates. WGI understands that several of the City's staff members arrive early to work or stay after hours, so it's only appropriate that we make ourselves available as well.

WGI has several levels of supervision available, not only to associates providing services to the City, but to City staff as well. We routinely attend City meetings with at least two staff members and collaborate on project development with an active contract manager, as well as the project manager and design team.

2. Primary method for attending meetings and how much advance notice is required.

WGI attends meetings in person and is available to meet with a 24-hour notice, but has commonly attended meetings with City staff that have been scheduled the same day.

3. How the proposer physically plans on attending pre-scheduled meetings.

WGI will attend pre-scheduled meetings in person, with multiple staff members.

4. How the proposer plans on ensuring accessibility and availability during the term of the agreement.

With 180 staff members located in our West Palm Beach office, WGI commits to immediate accessibility and constant availability during the term of the agreement.

C. PROJECTS FOR SIMILAR SERVICES

List up to five projects that Proposer has provided Professional Services since September 1, 2011 to include the following information:

1. SADDLE TRAIL PARK (SOUTH) NEIGHBORHOOD IMPROVEMENT PROJECT

i. Organization/Owner Name: Wellington
ii. Address: Wellington, Florida
iii. Project date (Start/End): 07/2014 to 12/2016
iv. Status of project: Design, Construction, Complete
v. Scope: WGI was selected to provide surveying, engineering design, permitting, public involvement assistance, bond assistance and construction engineering services for the Saddle Trail Park (South) Neighborhood Improvement Project. Key components of the project include the paving of existing shellrock roads, construction of new equestrian bridle trails, construction of approximately 17,500 LF of 8" new public water mains, fire hydrants, driveway connections and drainage system reconstruction. Saddle Trail Park is part of Wellington's Equestrian Preserve area and presented unique obstacles for the design and construction of the project. Funding for the improvements were provided through the proceeds of Infrastructure Improvement Bonds with repayment being accomplished through annual assessments pursuant to Chapter 170 of the Florida Statutes.

2. DELRAY MARKETPLACE

i. Organization/Owner Name: Kite Realty Group
ii. Address: Delray Beach, Florida

iii. Project date (Start/End): 2010 to 2014
iv. Status of project: Complete
v. Scope: This 33.2-acre project includes 258,000 square feet of commercial development including a movie theater, bowling alley, Publix Supermarket, restaurants and local shops. The development includes four offsite preserve areas totaling 50+ acres and also has provisions for a future phase that would include 73 residential units. Services included the design of the water distribution, sanitary sewer collection, lift station design, paving, and drainage systems. Permitting and coordination services with the various governmental agencies, including the South Florida Water Management District, Florida Department of Transportation and Palm Beach County were also provided.

WGI was also responsible for the design of 1.2 miles of Lyons Road and two miles of Atlantic Avenue along the frontage of the property, including signalization of the intersection of Lyons Road and Atlantic Avenue. Off-site utility improvements included the design and construction of 3,000 linear feet of 12-inch reclaimed water main for Palm Beach County Water Utilities Department.

3. GOLDENROD PARK, PLANNING, SURVEY AND DESIGN
i. Organization/Owner Name: Village of Wellington
ii. Address: Wellington, Florida
iii. Project date (Start/End): 2012 to 2012
iv. Status of project: Design, Construction Completed
v. Scope: WGI was responsible for all planning, surveying, landscape architecture, design and bid document preparation efforts for this neighborhood “pocket” park. Services provided included a boundary and topographic survey, preparation of three separate conceptual designs and cost estimates, final design plans and specifications, park playground and furnishing selection, irrigation design and preparation of cost estimates and final bid and close-out documents

4 - NE 2nd Avenue Roadway Restoration and Beautification,
i. Organization/Owner Name: City of Delray Beach
ii. Address: Delray Beach, Floirda
iii. Project date (Start/End): 06/2016 - 01/2017
iv. Status of project: - Design Complete
v. Scope: As the Lead Engineer on this project, Brian was responsible for all aspects of design including utility design, street lighting, pavement, water management and retention requirements, signing and striping, and sidewalk modifications. Brian directed WGI’s survey division in acquiring a right-of-way survey that was used as the basis of the design. WGI served as the lead design engineer for the NE 2nd Avenue Roadway Project and worked closely with the City of Delray Beach, the City of Delray Beach CRA and the Florida Department of Transportation (FDOT) on the reconstruction and roadway enhancements of this local arterial roadway located within a historical district of the City. Due to a significant portion of the funding coming from the FDOT Local Agency Program (LAP), WGI’s project engineer was responsible for the coordination and specific deliverable requirements inherent in a LAP-funded project, and for ensuring all criteria and requirements of the LAP funding process were addressed and fully documented. The overall goal of the project was to enhance the roadway, which runs through a historical district, by designing into the plan traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks and landscaped bulb-outs. A unique feature in the design was the inclusion of green striped bicycle lanes to clearly designate the lanes which was a key requirement of the LAP funding.

WGI responsibilities included all aspects of the roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation, as well as the coordination of the LAP documentation which included the preparation of a Cultural Resource Assessment Study (CRAS) and an Environmental Resource Assessment report in conformance with the Federal Highway Administration (FHWA), Federal Transit Authority (FTA), and the FDOT Agency Operating Agreement.

4. SLIGH BOULEVARD AND COLUMBIA STREET IMPROVEMENTS (FDOT LOCAL AGENCY PROGRAM-LAP PROJECT)

i. Organization/Owner Name: City of Orlando
ii. Address: Orlando, Florida
iii. Project date (Start/End): 2013 - 2017
iv. Status of project: Construction Complete
v. Scope: WGI was responsible for the design of improvements, which include resurfacing, restoration and rehabilitation (RRR) of the roadway, as well as operational improvements at the intersections to accommodate future Bus Rapid Transit (BRT) expansion, bus routes, and freight delivery. The rail crossing at Columbia Street was improved to facilitate the safe movement of people, vehicles and trains within the corridor with a four-quadrant gate system. Sligh Boulevard was also reconfigured to improve and accommodate the turning movements of BRT, bus, and freight vehicles. Other designs include a raised crosswalk/intersection table at Sligh Boulevard and Copeland Street which provided for a continuous pedestrian connection improving ADA accessibility to the Orlando Amtrak station.

5. BLOCK 8, SW 10TH AVENUE AND SW 9TH AVENUE AND SW 2ND TERRACE IMPROVEMENTS

i. Organization/Owner Name: City of Delray Beach
ii. Address: Delray Beach, Florida
iii. Project date (Start/End): 5/2013 - 10/2016
iv. Status of project: Design for Block 8 Alley is complete. Construction for SW 10th Avenue & SW 9th Avenue and SW 2nd Terrace is complete.
v. Scope: **Block 8** - WGI provided engineering services for paving, grading and exfiltration drainage design, survey, utility coordination, community outreach, and bidding services for paving the undeveloped T-shaped alley in Block 8 located between SW 11th Avenue and SW 10th Avenue to the west and east and W. Atlantic Avenue and SW 1st Street to the north and south.

SW 10th Avenue & SW 9th Avenue Improvements - WGI provided engineering services for decorative paver brick sidewalk and decorative street lighting design, survey, utility coordination, and bidding services for SW 10th Avenue and SW 9th Avenue between W. Atlantic Avenue and SW 1st Street. WGI also aided the City with community outreach services when designing the improvements to the drop-off area for the St Paul Missionary Baptist Church located on the northwest corner of SW 10 Avenue and SW 1st Street**.**

SW 2nd Terrace - WGI provided engineering services for paving, grading, drainage, and sidewalk design, water main design and sanitary sewer improvements, survey, utility coordination, permitting, and bidding services for SW 2nd Terrace located between SW 8th Avenue and SW 7th Avenue to the east and west and between SW 2nd Court and SW 3rd Street to the north and south.

D. ORGANIZATIONAL STRUCTURE

i. Details of Proposer's staffing resources, at the location that will provide services to the City as well as corporately, by discipline and the number of personnel within each discipline.

WGI'S WEST PALM BEACH CORPORATE OFFICE WILL PROVIDE SERVICES FOR THE CITY.

- **Administrative 36**
- **Biologist 1**
- **CADD Tech 9**
- **Civil Engineer 11**
- **Environmental Scientist 4**
- **Geologist 2**
- **Land Surveyor 60**
- **Landscape Architect 13**
- **Planner: Urban/Regional 9**
- **Structural Engineer 6**
- **Transportation Engineer 12**
- **Engineer Intern 14**
- **Other Employees 3**
- **TOTAL 180**

ii. If Proposer's staffing resources includes sub-consultants, submit the name of the firm(s) who will perform each discipline. If more than one firm is listed for a discipline, then label which firm is the primary firm for that discipline. Firms may perform more than one discipline.

- **CB&I Environmental & Infrastructure, Inc.(CBI) will be providing Coastal & Marine Engineering under the direction of WGI.**
- **Holtz Consulting Engineers (HCE) and Collective Water Resources (CWR) will be providing Water Resources under the direction of WGI**

iii. Submit an organizational diagram clearly identifying key personnel as well as other staffing resources who will provide services to the City. For each individual in the organization diagram, include each individual's name, title, firm and their functional relationship to each other.

Please see Organization Chart on the following page.

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TEAM ORGANIZATIONAL CHART

PRINCIPAL-IN-CHARGE
Michael L. Davis, Senior VP (WGI)

CONTRACT MANAGER
Brian LaMotte, PE, LEED AP (WGI)

QA / QC
Richard Hasko, PE (WGI)

PROJECT MANAGER
Brett Oldford, PE (WGI)

1. ENGINEERING
Tom Mueller, PE (WGI)
Jimmy Richie, PE (WGI)
Corey Hill, PE (WGI)
Stephen Cherry, EI (WGI)

4. CIVIL ENGINEERING
Adam Schildmeier, PE (WGI)
Chris Holmes, PE (WGI)
Brian Arnold, PE (WGI)

8. ENVIRONMENTAL
John Abbott, PG (WGI)
Greg Griffith (WGI)
Jerry Renick, CEP (WGI)
Rick Harman (WGI)

2. SURVEY
Sam Hall, PSM (WGI)
Pat Meeds, PSM (WGI)
Eric Matthews, PSM (WGI)
Eric Andelin, CP, GISP (WGI)
Jason Alvarez, CST II (WGI)

6. STRUCTURAL
Brian Rheault, PE (WGI)
Chris LaForte, PE (WGI)
Tim Sherwood, BI (WGI)
Jeff Bergmann, PE (WGI)
Tim DeLand, PE (WGI)

9. WATER RESOURCES
Jerry Saval, PE, CFM (WGI)
Cesar Pena, PE (WGI)
Liz Perez, PE, D.WRE, CFM (CWR)
David Holtz, PE (HCE)
Christine Miranda, PE (HCE)

3. LANDSCAPE ARCHITECTURE
Jason Mihalovits, PLA, LEED AP (WGI)
Cheryl Callender, PLA, LEED, GA (WGI)
Angela Biagi, PLA, LEED BD+C (WGI)
Bryan Donahue, PLA (WGI)
Colin McCann, PLA (WGI)

7. TRANSPORTATION
Keegan Larson, PE (WGI)
Jeremy Botto, PE (WGI)
Mike Madison, PE (WGI)
Juan Ortega, PhD, PE (WGI)
Chad Johnson, EI (WGI)

10. COASTAL & MARINE ENGINEERING
Thomas Pierro, PE, DCE (CBI)
Tara Brenner, PG, PE (CBI)
Douglas Mann, PE, DCE (CBI)
Jordon Cheifet, PE, CFM (CBI)
Spencer Waganaar, EI (CBI)

ADDITIONAL SERVICES

PUBLIC INVOLVEMENT / OUTREACH
Jennifer Hofmeister, AICP (WGI)
Veronica Sanchez (WGI)

SUBSURFACE UTILITY ENGINEERING
Erik Brueningsen, PE (WGI)
Matt Phillips (WGI)
Fred Bachman (WGI)

UTILITY COORDINATION
Alan Boaz (WGI)
Bob Lowen (WGI)

TEAM

Wantman Group, Inc. (WGI)
Holtz Consulting Engineers (HCE)
CB&I (CBI)
Collective Water Resources (CWR)

iv. A written response clearly defining responsibilities, contractual relationships and roles of all individual in the organizational diagram.

Michael L. Davis, Senior Vice President, Principal-in-Charge - Environmental
- As the Principal-in-Charge and a **WGI** officer, Michael provides the City, **WGI's** commitment to high quality professional services. Michael will also be working with the Environmental team.

Brett Oldford, PE - Project Manager - Civil Engineering
- Brett will serve as the Project Manager. Brett will be responsible for all project related items and be responsible for the overall delivery of the project. Brett will be the point person for all contact between the City of Delray Beach and **WGI**. Brett will also be working with the Civil Engineering Team.

Brian LaMotte, PE LEED AP - Contract Manager - Engineering
- Brian will serve as the Contract Manager. Brian will be responsible for developing the final scope of services and negotiating the fee for the project**.** Brian will also be working with the Engineering team.

Richard Hasko, PE - QA/QC - Civil Engineering
- Richard will serve as the QA/QC Manager. Richard will be responsible for implementation of the **WGI** QA/QC policy, ensuring every product that is submitted meets or exceeds the quality standards set by both **WGI** and the City of Delray Beach. Richard will also be working with the Civil Engineering team.

Tom Mueller, PE - Engineering
- Tom will serve as the technical lead for engineering design related services and be responsible for the completion of all engineering design related deliverables.

Jimmy Richie, PE - Engineering
- Jimmy will provide support to Tom for all engineering design related deliverables.

Corey Hill, PE - Engineering
- Corey will provide support to Tom for all engineering design related deliverables.

Stephen Cherry, EI - Engineering
- Stephen will provide support to Tom for all engineering design related deliverables.

Sam Hall, PSM - Survey
- Sam will serve as the technical lead for survey related services and be responsible for the completion of all survey related deliverables.

Pat Meeds, PSM - Survey
- Pat will provide support to Sam for all survey related deliverables.

Eric Matthews, PSM - Survey
- Eric will provide support to Sam for all survey related deliverables.

Eric Andelin, CP, GISP - Survey
- Eric will provide support to Sam for all survey related deliverables.

Jason Alvarez, CST II - Survey
- Jason will provide support to Sam for all survey related deliverables.

Jason Mihalovits, PLA, LEED AP - Landscape Architecture
- Jason will serve as the technical lead for landscape architecture related services and be responsible for the completion of all landscape architecture related deliverables.

Cheryl Callendar, PLA, LEED Green Associate - Landscape Architecture
- Cheryl will provide support to Jason for all landscape architecture related deliverables.

Angela Biagi, PLA, LEED BD+C - Landscape Architecture
- Angela will provide support to Jason for all landscape architecture related deliverables.

Bryan Donahue, PLA, - Landscape Architecture
- Bryan will provide support to Jason for all landscape architecture related deliverables.

Colin McCann, PLA, - Landscape Architecture
- Colin will provide support to Jason for all landscape architecture related deliverables.

Adam Schildmeier, PE - Civil Engineering
- Adam will serve as the technical lead for civil engineering design related services and be responsible for the completion of all civil engineering design related deliverables.

Chris Holmes, PE - Civil Engineering
- Chris will provide support to Adam for all civil engineering design related deliverables.

Brian Arnold, PE - Civil Engineering
- Brian will provide support to Adam for all civil engineering design related deliverables.

Brian Rheault, PE - Structural
- Brian will serve as the technical lead for structural related services and be responsible for the completion of all structural related deliverables.

Chris LaForte, PE - Structural
- Chris will provide support to Brian for all structural design related deliverables.

Tim Sherwood, BI, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Jeff Bergmann, PE - Structural
- Jeff will provide support to Brian for all structural design related deliverables.

Tim DeLand, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Keegan Larson, PE - Transportation
- Keegan will serve as the technical lead for transportation related services and be responsible for the completion of all transportation related deliverables.

Jeremy Botto, PE - Transportation
- Jeremy will provide support to Keegan for all transportation related deliverables.

Mike Madison, PE - Transportation
- Mike will provide support to Keegan for all transportation related deliverables.

Juan Ortega, PhD, PE - Transportation
- Juan will provide support to Keegan for all transportation related deliverables.

Chad Johnson, EI - Transportation
- Chad will provide support to Keegan for all transportation related deliverables.

John Abbott, PG - Environmental
- John will serve as the technical lead for environmental related services and be responsible for the completion of all environmental related deliverables.

Greg Griffith - Environmental
- Greg will provide support to John for all environmental related deliverables.

Jerry Renick - Environmental
- Jerry will provide support to John for all environmental related deliverables.

Rick Harman - Environmental
- Rick will provide support to John for all environmental related deliverables.

Jerry Saval, PE, CFM - Water Resources
- Jerry will serve as the technical lead for water resources related services and be responsible for the completion of all water resources related deliverables.

Cesar Pena, PE - Water Resources
- Cesar will provide support to Jerry for all water resources related deliverables.

Liz Perez, PE, D.WRE, CFM - Water Resources
- Liz will provide support to Jerry for all water resources related deliverables.

David Holtz, PE - Water Resources
- David will provide support to Jerry for all water resources related deliverables.

Christine Miranda, PE - Water Resources
- Christine will provide support to Jerry for all water resources related deliverables.

Thomas Pierro, PE, DCE - Coastal and Marine Engineering
- Tom will serve as the technical lead for coastal and marine engineering related services and be responsible for the completion of all coastal and marine engineering related deliverables.

Tara Brenner, PG, PE - Coastal and Marine Engineering
- Tara will provide support to Tom for all coastal and marine engineering related deliverables.

Douglas Mann, PE, DCE - Coastal and Marine Engineering
- Doug will provide support to Tom for all coastal and marine engineering related deliverables.

Jordon Cheifet, PE, CFM - Coastal and Marine Engineering
- Jordon will provide support to Tom for all coastal and marine engineering related deliverables.

Spencer Waganaar, EI - Coastal and Marine Engineering
- Spencer will provide support to Tom for all coastal and marine engineering related deliverables.

Jennifer Hofmeister, AICP - Public Involvement /Outreach - Additional Services
- Jennifer will serve as the technical lead for public involvement design related services and be responsible for the completion of all public involvement related deliverables.

Veronica Sanchez - Public Involvement /Outreach - Additional Services
- Veronica will provide support to Jennifer for all public involvement related deliverables.

Erik Brueningsen, PE - Subsurface Utility Engineering - Additional Services
- Erik will serve as the technical lead for subsurface utility engineering related services and be responsible for the completion of all subsurface utility engineering related deliverables.

Matt Phillips - Subsurface Utility Engineering - Additional Services
- Matt will provide support to Erik for all subsurface utility engineering related deliverables.

Fred Bachman - Subsurface Utility Engineering - Additional Services
- Fred will provide support to Erik for all subsurface utility engineering related deliverables.

Alan Boaz - Utility Coordination - Additional Services
- Alan will serve as the technical lead for dry utility coordination related services and be responsible for the completion of all dry utility coordination related deliverables.

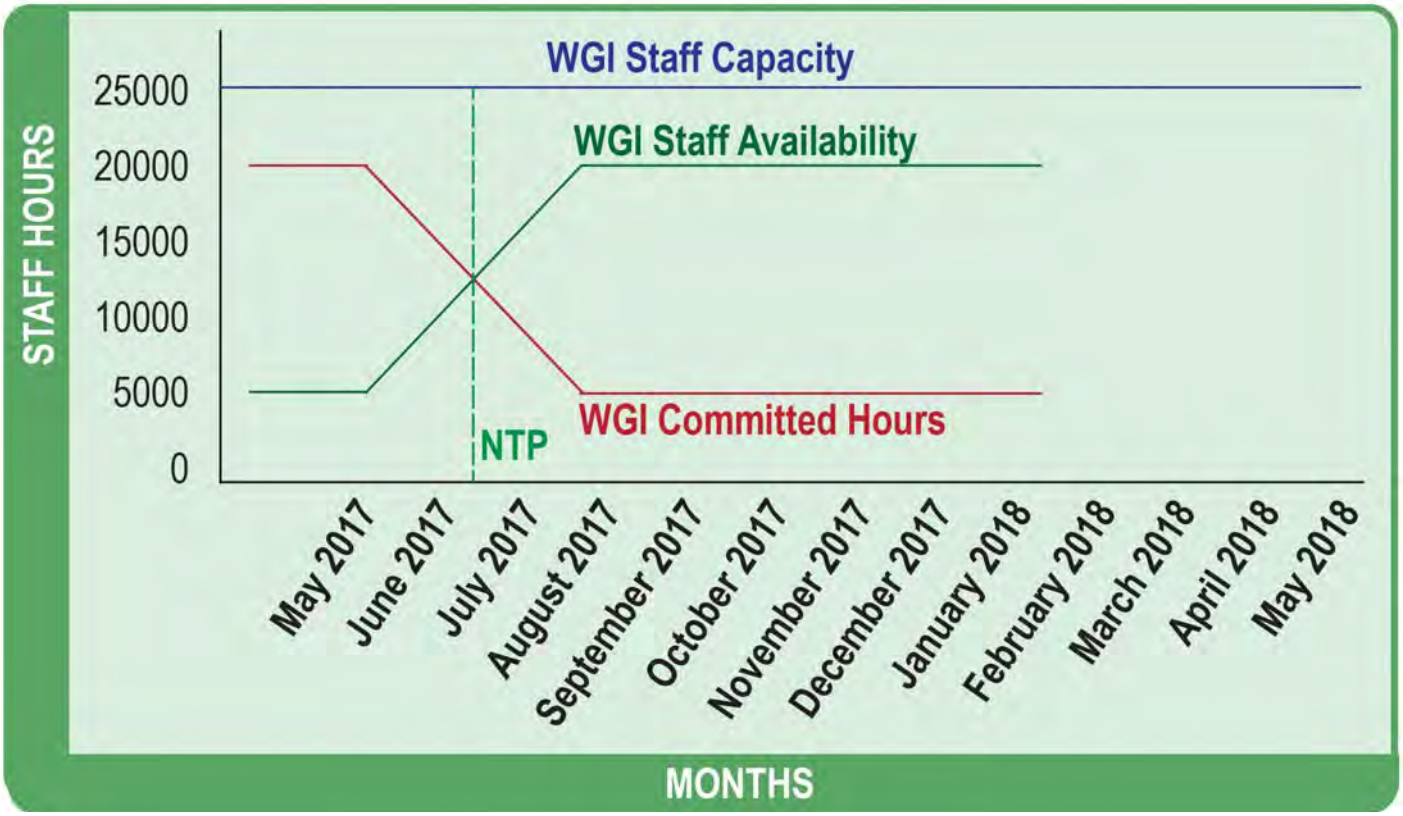
Bob Lowen - Utility Coordination - Additional Services
- Bob will provide support to Alan for all dry utility coordination related deliverables.

v. A narrative detailing Proposer's recent, current, and projected workloads at the time of submission and provide a statement of Proposer's commitment of personnel and other resources for the City project by providing a signed letter of commitment.

WGI understands that an important aspect of a continuing services, task driven contract is the team's ability to provide the necessary depth of staff for immediate response and the ability to manage multiple assignments simultaneously and effectively. We recognize that contracts of this nature present assignments that are unique in scope, often fast tracked and dependent on staff resources, which can, if not managed properly, present overload and delay challenges. **WGI** has maintained task driven continuing services contracts for many years and has the experience and resources necessary to anticipate and compensate for these challenges through efficient scheduling and a dedicated work force. **Specifically, WGI has provided the City of Delray Beach quality consulting services since July 2007. The success of our relationship is driven by the dedication of a team of individuals solely to the City. This means that technically proficient staff members familiar**

with the City's needs are available to provide immediate response to any request.

Because **WGI** specializes in public sector contracts, it has the capacity to respond to the assignments and service authorizations anticipated from the City. These public sector contracts support a more stable scheduling and resource management protocol, across the **WGI** multi-discipline divisions. Regardless of the nature, location, or technical complexity of the assignment, **WGI** brings the experience, technical resources, and depth of staff to deliver the results you require. This contract has the full attention of our entire team.



Please see Commitment Letter on the following page.

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May 17, 2017

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

RE: CITY OF DELRAY BEACH RFQ NO. 2017-048
CONTINUING ENGINEERING, SURVEYING, AND LANDSCAPING ARCHITECTURAL CONSULTING SERVICES (918-42, 918-89, 906-56)

Dear Selection Committee Members,

WGI'S COMMITMENT

The most important qualification **WGI** brings to the City is the commitment of the firm, at all levels, to develop successful deliverables, deliverables that are technically sound, on schedule and within budgetary requirements. Our key personnel selected for this project are dedicated and will be available to the City for the duration of the contract. The depth of our team with 300 professionals, including 180 registered engineers, landscape architects, planners, environmental scientists, surveyors, and other professionals based in Palm Beach County will provide ample capacity and availability to competently complete all assignments in a timely manner. Our commitment has been clearly demonstrated by **WGI's** superior service and professionalism over the years in providing similar services on a continuing basis for numerous counties and municipalities in South Florida. As the **Principal-in-Charge** and a **WGI Officer**, I provide the City **WGI's** commitment to high quality professional services.

We look forward to demonstrating our ability and unequivocal commitment while serving the City of Delray Beach.

Sincerely,
WANTMAN GROUP, INC.

Michael L. Davis
Senior Vice President
Principal-in-Charge

vi. A narrative detailing all key personnel's recent, current and projected workloads at the time of submission and provide a statement of the availability of each for the City's project.

The key personnel below are currently assigned to the Delray Beach Continuing Contract and a portion of their time is already designated to servicing the needs of the City. Over the past ten years, **WGI** has developed a successful working relationship that provides timely responses to any of the City's needs.

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Michael L. Davis	WGI	Principal-in-Charge Environmental	30%	35%	40%
Brett Oldford, PE	WGI	Project Manager Civil Engineering	35%	45%	50%
Brian LaMotte, PE, LEED AP	WGI	Contract Manager Engineering	25%	40%	45%
Richard Hasko, PE	WGI	QA/QC Civil Engineering	20%	30%	45%
Tom Mueller, PE	WGI	Engineering	40%	45%	50%
Jimmy Richie, PE	WGI	Engineering	20%	35%	50%
Corey Hill, PE	WGI	Engineering	25%	35%	40%
Stephen Cherry, EI	WGI	Engineering	25%	45%	45%
Sam Hall, PSM	WGI	Survey	35%	35%	40%
Pat Meeds, PSM	WGI	Survey	30%	30%	35%
Eric Matthews, PSM	WGI	Survey	25%	25%	30%
Eric Andelin, CP, GISP	WGI	Survey	40%	45%	55%
Jason Alvarez, CST II	WGI	Survey	25%	30%	35%
Jason Mihalovits, PLA, LEED AP	WGI	Landscape Architecture	25%	40%	40%
Cheryl Callender, PLA, LEED Green Associate	WGI	Landscape Architecture	30%	35%	35%
Angela Biagi, PLA, LEED BD+C	WGI	Landscape Architecture	35%	35%	35%
Bryan Donahue, PLA	WGI	Landscape Architecture	30%	20%	35%
Colin McCann, PLA	WGI	Landscape Architecture	30%	35%	45%
Adam Schildmeier, PE	WGI	Civil Engineering	40%	40%	45%
Chris Holmes, PE	WGI	Civil Engineering	20%	30%	40%
Brian Arnold, PE	WGI	Civil Engineering	20%	30%	40%
Brian Rheault, PE	WGI	Structural	25%	30%	35%
Chris LaForte, PE	WGI	Structural	30%	40%	45%
Tim Sherwood, BI, PE	WGI	Structural	25%	40%	45%
Jeff Bergmann, PE	WGI	Structural	30%	35%	45%
Tim DeLand, PE	WGI	Structural	25%	35%	40%
Keegan Larson, PE	WGI	Transportation	25%	30%	35%
Jeremy Botto, PE	WGI	Transportation	25%	30%	35%

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Mike Madison, PE	WGI	Transportation	20%	30%	35%
Juan Ortega, PhD, PE	WGI	Transportation	20%	35%	35%
Chad Johnson, EI	WGI	Transportation	30%	35%	35%
John Abbott, PG	WGI	Environmental	25%	30%	30%
Greg Griffith	WGI	Environmental	20%	25%	25%
Jerry Renick	WGI	Environmental	20%	25%	25%
Rick Harman	WGI	Environmental	25%	35%	40%
Jerry Saval, PE, CFM	WGI	Water Resources	30%	40%	50%
Cesar Pena, PE	WGI	Water Resources	25%	35%	45%
Liz Perez, PE, D.WRE, CFM	CWR	Water Resources	15%	25%	25%
David Holtz, PE	HCE	Water Resources	20%	25%	25%
Christine Miranda, PE	HCE	Water Resources	20%	30%	30%
Thomas Pierro, PE, DCE	CBI	Coastal and Marine Engineering	25%	30%	35%
Tara Brenner, PG, PE	CBI	Coastal and Marine Engineering	25%	30%	35%
Douglas Mann, PE, DCE	CBI	Coastal and Marine Engineering	25%	35%	35%
Jordon Cheifet, PE, CFM	CBI	Coastal and Marine Engineering	20%	30%	40%
Spencer Waganaar, EI	CBI	Coastal and Marine Engineering	25%	25%	35%

Tab 6: Structural

Chapter 4 PROPOSAL RESPONSE REQUIREMENTS
6 - Structural

A. EXPERIENCE

i. Identify each Professional Service discipline and/or sub-discipline in which Proposer wishes to be considered for award of an Agreement.

WGI wishes to be considered for the following disciplines:

(1) Engineering
(2) Surveying and Mapping
(3) Landscaping architectural design services
(4) Civil
(6) Structural
(7) Transportation
(8) Environmental / Natural Resources
(9) Water Resources/Stormwater Management (includes stormwater, potable water, reuse water, conveyance, supply, transmission, treatment, storage)
(10) Coastal and Marine Engineering

ii. Detailed narrative description documenting Proposer's overall Professional Services background and experience in each Professional Service discipline or sub-discipline in which Proposer wishes to be considered for award of an Agreement as follows:

a. Experience in the following:

(6) Structural

WGI Structures Systems Division (WGI) provides high quality structural engineering services to governmental agencies, architects, engineers, developers, and private owners for a wide range of structural projects. The main objective of the Division is practical and buildable engineering solutions for structures provided in a timely manner and within the client's budget.

For the past 25 years, **WGI** has performed similar services under Structural Engineering Annual Services contracts for Indian River County, Lee County and Palm Beach County. Additionally, we have continuing contracts with the City of Boca Raton and we provide structural engineering services to the City of Lake Worth, the Lake Worth Drainage District, and Northern Palm Beach County Improvement District. Under the contracts with Palm Beach County and the City of Boca Raton, we have reviewed bridge inspection reports prepared by FDOT and helped both clients implement maintenance and repair procedures and define any remedial repairs required. During our review of several load-rated bridges, we discovered errors in the load-rating procedure and worked with the FDOT's consultants to identify and resolve the errors. Our review and discovery of errors resulted in the removal of numerous bridge load restrictions in Palm Beach County.

WGI's experience in the South Florida area provides valuable insight to varying soil conditions, wind-resistant design techniques, and extensive knowledge of locally available building products and construction expertise. We have extensive experience in bridge design and repair, including services for over 200 bridge structures around the State of Florida and more than 100 bridge design peer reviews to verify compliance with all current and applicable design standards. The design of marinas, seawalls, breakwaters, wharfs, and other marine structures, as well as serving as prime designer of eight ocean piers along the Florida Atlantic coast, are also part of our portfolio. In addition, **WGI** provides full structural engineering services for building design, rehabilitation of existing buildings, and inspection of existing structures to define hurricane hardening recommendations. We have inspected over 150 buildings to determine their adequacy for utilization as shelters based on the American Red Cross ARC 4496 Standard. Additionally, we have provided hurricane hardening recommendations to Palm Beach County Water Utilities Department for over 300 structures within its service area.

With respect to design, **WGI** has extensive experience with federal, state, county, municipal, and special district projects including structural and civil design/rehabilitation of commercial/institutional buildings up to ten stories, water and wastewater structures, military structures, marine structures, ground storage tanks, drainage control

structures, roadways, recreational facilities (including boardwalks, overlook towers, boat ramps, fishing piers, canoe launches, sport lighting poles, and picnic shelters),building and facility assessments and vulnerability reports, hurricane hardening of existing facilities, and OSHA safety upgrades within industrial plants facilities..

b. Experience in other related services that complement the above referenced Professional Services.

SUBSURFACE UTILITY ENGINEERING (SUE)

With over 30 years of experience, **SUE Division Manager Erik Brueningsen, PE**, proficiently manages any utility locating or utility coordination task that may arise. The prime objective of any utility locating assignment is a well-documented, high quality deliverable completed on time and within budget. In this regard, **WGI's** approach to utility locating focuses on providing solutions to your utility concerns; not simply obtaining location coordinates. Each assignment is viewed individually to determine the best approach, in light of the overall project objective, so as to achieve a cost-effective and quality driven deliverable. Using the most current technology available and a "best practices" approach, our associates are trained to provide Quality Level investigations per the ASCE and FDOT current guidelines. Our in-house tools and extensive field experience are not the end of our investigations; our excellent relationships with area Utility Agency Owners (UAOs) serve to expedite requests for available records, permits and as-builts to supplement all field investigations. This leads to the highest possible likelihood that all facilities will be identified and located, then correlated to their respective owners. With three "Vac" trucks, a full range of professional utility support services, and experienced personnel highly trained in surveying and mapping, Ground Penetrating Radar (GPR), vacuum excavation, high-definition laser scanning, Global Positioning Systems (GPS), Geographic Information Systems (GIS) and Computer Aided Design (CAD), **WGI** provides comprehensive services that are second to none.

UTILITY COORDINATION

WGI understands that effective utility coordination play a critical role in the successful completion of any project. **Robert Lowen**, 42 years of service for AT&T, and **Alan Boaz**, 33 years of service for FPL, provide a depth of resources and contacts that are unmatched in the industry. Our coordination efforts begin by completing a Sunshine State One Call of Florida (SSOCOF) design ticket, used to identify participating UAOs that have existing or potential interests within the project limits. We recognize that not every UAO is an active member of SSOCOF; therefore, we seek out other UAOs through points of contact with participating UAOs, the existing **WGI** Utility Database, **WGI's** history with ongoing and completed projects, and other available sources. Research will be conducted to obtain all executed utility work schedules, utility records or utility as-built prints, as well as all plans for other proposed improvements. All utility information collected from the UAOs and our own field investigation will be incorporated into project plans for identification and avoidance of utility conflicts.

An important aspect of utility certification is the complete documentation of the utility process and the deliverables. In every case, all final documents must be clear and concise without need for additional clarification. Emphasis is placed on utility conflict avoidance, an area in which we excel. Our roadway, utility design and construction experience, combined with our design-build problem solving, provides unique insight into the art and science of utility conflict identification and innovative design resolution.

The objective of this contract is to serve the City on a wide range of utility location and utility coordination assignments of varying complexity. The WGI Team was assembled for exactly this purpose. Schedule is paramount, immediate response is a priority, and providing the depth of resources to handle multiple simultaneous assignments is critical in ensuring that assignments are handled on time and within budget.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has diverse viewpoints and concerns on issues pertaining to their specific neighborhood needs. When the public is involved in the decision-making process, such input has a real potential to positively shape the final set of actions and outcomes. Equally important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Successful public participation activities are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. To that end, it is critical that all involved have a clear understanding of the project's goals, objectives and strategies.

WGI's planners and designers have in-depth experience with redevelopment activities that involve removing the social barriers implanted by the corridors within a community. An example of this local understanding is shared by **Jennifer Hofmeister, AICP, WGI's** public outreach coordinator and director of public planning. While a neighborhood planner for the City of Delray Beach, Jennifer was educated on the historical significance of Swinton Avenue during and post segregation. She was an advocate for the African-American neighborhoods, with regular attendance at neighborhood meetings, and worked alongside the residents in developing neighborhood plans and implementing neighborhood improvement projects. Similarly, Jennifer was the former project manager for the Pleasant City neighborhood and the Northwood District in the City of West Palm Beach. During her tenure with the West Palm Beach CRA, she served as the medium between the community and the CRA where she implemented programs to revitalize the area and redesign physical elements that represented social barriers within the community.

Jennifer currently oversees a four-year, $40M road program in the City of Lake Worth. As Lake Worth's Public Involvement Coordinator, she has developed an extensive Public Involvement Plan that serves as a guide for ongoing public participation throughout the design and construction of the road program. **WGI** developed and maintains a multi-lingual interactive website and hotline for the City of Lake Worth offering residents a point of contact and serving as an information center for public inquiry. The Coordinator role maintains consistency, cohesiveness, and collaboration among City staff and consultants, resulting in the most effective public outreach and engagement process possible.

Additionally, **WGI** has been retained by the Westgate CRA to conduct a Westgate Corridor Streetscape Study, funded by the Florida Department of Economic Opportunity (FDEO). The Study will guide the development of a streetscape plan to improve walkability and other multi-modal transportation opportunities. Simultaneously, the goal of the plan is to beautify and enhance the area to attract new investment and promote economic development opportunities. As mentioned, a critical component to the success of any public project is participation from those most affected. For this effort, the public participation process incorporated a two-part planning design charrette that provided a forum for ideas and offered the unique advantage of giving immediate feedback to the **WGI** planners and designers. More importantly, it allowed everyone who participated to take part in authoring the plan.

Finally, **WGI** public outreach efforts include a citizen-driven "Complete Streets" project for one of West Palm Beach's premier gateways, Banyan Boulevard, in the downtown. The Banyan Boulevard Improvement Project is more than a physical redesign of a West Palm Beach downtown corridor. If properly executed, the project has the power to unite, physically and socially, historically significant West Palm Beach neighborhoods and business districts, and the people who reside and work within them. With that historical insight, the **WGI** Team approach is to bring our passion and expertise out to the community and, through the eyes of the residents, uncover a new gateway to the heart of the downtown.

c. WGI's awards, certifications, or other recognition received by Proposer relative to work on projects in the designated Professional Services.

WGI has won several engineering awards for both traditional design-bid-build projects as well as design-build projects. We pride ourselves on the accomplishments we have made in the design of our clients' projects.

Listed below are awards WGI has won in the past three years:

- ✓ 2014 Engineer's Council Distinguished Engineering Project Achievement Award – Big John Monahan
- ✓ 2014 Zweig White Hot Firm – A Top 100 Firm (#41)
- ✓ 2014 Zweig White "Best Firms to Work For" Award
- ✓ South Florida Business Journal – Top 25 Engineering Firms #6 (June 2014) (# of PEs)
- ✓ 2014 Inc. 500/5000 List - #3767
- ✓ 2014 DBIA Florida Project of the Year Award – Big John Monahan Bridge Replacement Design-Build
- ✓ 2014 DBIA Florida Best Overall Design-Build Project of the Year – Big John Monahan Bridge Replacement
- ✓ 2015 ACEC National Recognition Award – Big John Monahan Bridge Replacement
- ✓ 2015 Florida Institute of Consulting Engineers Grand Award – Big John Monahan Bridge Replacement
- ✓ 2015 ENR Top 500 Design Firms - #338
- ✓ 2015 ENR Southeast Top Design Firms - #24
- ✓ 2015 Zweig Group Top 100 Fastest Growing Companies - #39
- ✓ 2015 Zweig Group Best Firms to Work For - #42
- ✓ 2015 South Florida Business Journal Top 100 Fastest Growing Companies - #70
- ✓ 2015 South Florida Business Journal Top 25 Engineering Firms - #6
- ✓ 2015 Inc. 5000 Fastest Growing Private Companies - #3425
- ✓ 2015 South Florida Business Journal Fast 50 Honoree - #12
- ✓ 2015 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue - #23
- ✓ 2016 South Florida Business Journal Top 100 Fastest Growing Companies - #60
- ✓ 2016 South Florida Business Journal Top 25 Engineering Firms - #10
- ✓ 2016 ENR Top 500 Design Firms - #253
- ✓ 2016 ENR Southeast Top Design Firms - #17
- ✓ 2016 Zweig Group Hot Firms List (Top 100 Fastest Growing Companies) - #5
- ✓ 2016 Zweig Group Best Firms to Work For - #19
- ✓ 2016 Zweig Group Marketing Excellence Award – 1st place in Internal Marketing; 2nd place in Integrated Marketing
- ✓ 2016 Zweig Group Trifecta Award
- ✓ 2016 South Florida Business Journal Fast 50 Honoree - #7
- ✓ 2016 Inc5000 - #1609
- ✓ 2016 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue
- ✓ 2016 DBIA Florida Honor Award for US 41 from SR 951 to Greenway Road Design-Build
- ✓ 2016 Statewide Business Journal Fast 100 List - #37
- ✓ 2017 University of Florida Gator 100 Fast Growing Companies - #29
- ✓ 2017 South Florida Business Journal Top 25 Engineering Firms - #5

iii. Submit five client references for whom Proposer has provided Professional Services similar to those specified in this RFQ in the past five years and who are agreeable to respond to a request from the City regarding proposer's experience.

REFERENCE 1 - Murphy Road Bridge Replacement

a. Organization name: Martin County
b. Contact name(s): Paul Bangs
c. Contact email address: pbangs@martin.fl.us
d. Address:32401 SE Monterey Road, Stuart, Florida 34996
e. Telephone and fax numbers: Phone:772-463-2848 Fax: 772-288-5955
f. Dates of service (start/end): From: 07/2012 To: 07/2013
g. Scope (Type of Professional Service provided): Martin County proposed to replace the existing 2-lane Murphy Road Bridge (No. 894003) crossing the C-23 Canal (Mile Post 3.475). Proposed improvements included two 11-foot undivided travel lanes, 4'10" shoulders, two elevated sidewalks (8' and 6'-8" wide), and two 1'-1"-wide barrier walls. A 6'-1" utility shelf was provided on the west side of the bridge to support a relocated 12" ductile iron water main pipe. The bridge replacement and approach roadway improvements extend approximately 500' south and north of the existing bridge for a total project length of 1150'. The design maintained the vertical clearance above the Mean High Water, and accommodated existing mangroves. WGI conducted the design survey, provided the roadway and traffic control plans, prepared the drainage design which included hydraulic analysis of C-23 and scour calculation, and secured the environmental resource permits.

REFERENCE 2 - Western Region Operations Center

a. Organization name: Palm Beach County Water Utilities Department
b. Contact name(s):Steve McGrew
c. Contact email address: smcgrew@pbcwater.com
d. Address: 8100 Forest Hill Boulevard, West Palm Beach, FL 33413
e. Telephone and fax numbers: Phone: 561-493-6000 Fax: 561- 493-6008
f. Dates of service (start/end): From: 07/2015 To: 05/2016
g. Scope (Type of Professional Service provided): Services included engineering design and construction phase services of two 10,000-square foot pavilion structures which provide covered storage for portable generators, material, and equipment laydown areas, includes a 16,337-square foot warehouse administration and repair shop, designed for wind speeds of 180 mph and constructed with reinforced masonry walls, concrete tie columns and beams, steel joist/structural steel roof framing members and steel roof deck. The shop buildings include a 2-ton bridge crane and a 2-ton underslung monorail hoist.

REFERENCE 3 - G-716

a. Organization name: South Florida Water Management District
b. Contact name(s): Gerald Flynn
c. Contact email address: gflynn@sfwmd.gov
d. Address: 3301 Gun Club Road, West Palm Beach, Florida 33406
e. Telephone and fax numbers: Phone:561-682-2609 Fax: 561-682-5639
f. Dates of service (start/end): From: 11/2015 To: 04/2016
g. Scope (Type of Professional Service provided): Design, and construction phase services for a fully automated, electrically operated, three-gate spillway within the STA-1E Inflow Distribution Area, with a peak capacity of 2,600 cfs.

REFERENCE 4 - North Jupiter Flatwoods

a. Organization name: Palm Beach County
b. Contact name(s): Steve Pisano
c. Contact email address: spisano@pbcgov.org
d. Address: 2300 North Jog Road, 4th Floor, West Palm Beach, FL 33411
e. Telephone and fax numbers: Phone: 561-233-2521 Fax: 561-233-2414
f. Dates of service (start/end): From: 2013 To: 2014
g. Scope (Type of Professional Service provided): Design of approximately 350 feet of meandering elevated boardwalk. The design uses IPE, a Brazilian hardwood, for the deck and handrails.

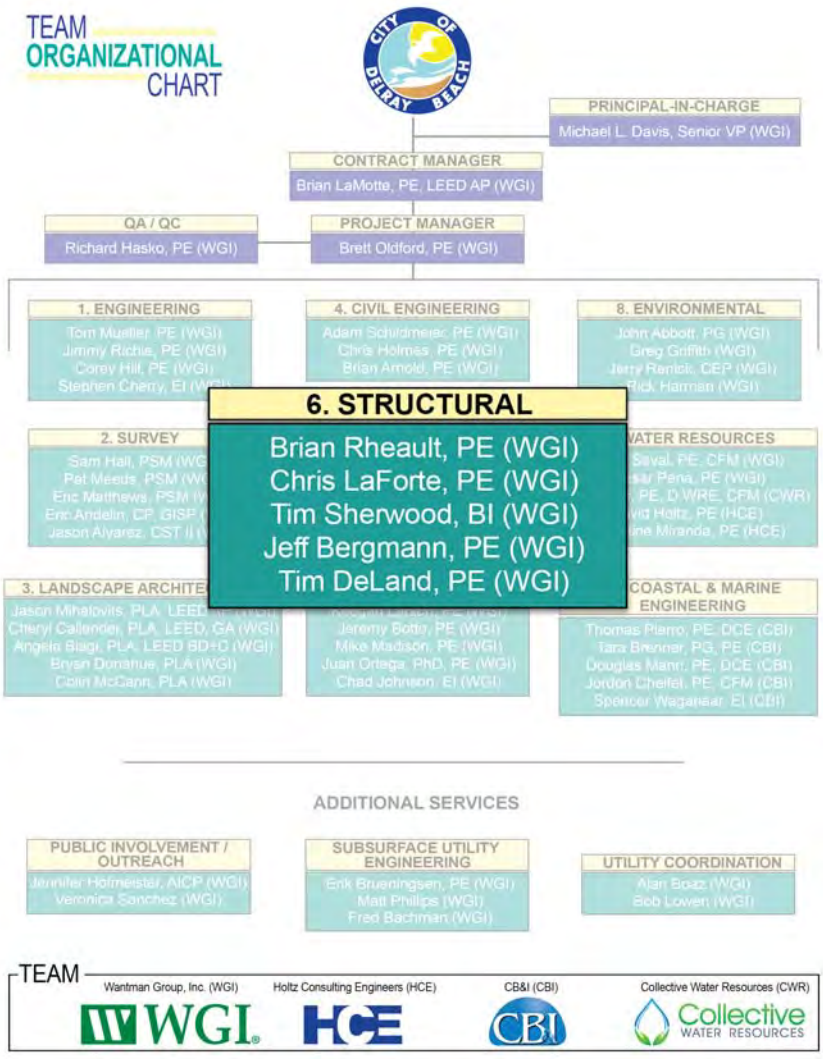
REFERENCE 5 - Unit 16 Weir/Unit 34 Seawall Rehabilitation

a. Organization name: Northern Palm Beach County Improvement District
b. Contact name(s): O'Neal Bardin, Jr.
c. Contact email address: OnealB@npbcid.org
d. Address: 359 Hiatt Drive, Palm Beach Gardens, Florida 33418
e. Telephone and fax numbers: Phone: 561-624-7830 Fax: 561-624-7839
f. Dates of service (start/end): From: 09/2015 To: 09/2015
g. Scope (Type of Professional Service provided): The weir structure controlling off-site flows from western off-site storm water management systems, including Palmar and Seminole Pratt Whitney Road has been in disrepair for years. The weir is a steel sheet pile wall with no effective coating remaining and no cap present. The weir has been scheduled for replacement. NPBCID requested that WGI prepare design and construction documents for the replacement of the weir.

iv. Submit the following information documenting experience of the key personnel proposed by Proposer to include, but not limited to the following:

a. List of up to five key personnel who are proposed for work on this project to include any subcontractors.

- ✓ Brian Rheault, PE (WGI)
- ✓ Chris LaForte, PE (WGI)
- ✓ Tim Sherwood, BI (WGI)
- ✓ Jeff Bergmann, PE (WGI)
- ✓ Tim DeLand, PE (WGI)



b. Provide the role of each of the above referenced personnel within the provision of services.

- ✓ Brian Rheault, PE (WGI) - technical lead for structural **I**
- ✓ Chris LaForte, PE (WGI) - professional engineer for structural
- ✓ Tim Sherwood, BI (WGI) - CEI and building inspector for structural
- ✓ Jeff Bergmann, PE (WGI) - senior professional engineer for structural
- ✓ Tim DeLand, PE (WGI) -- professional engineer for structural

c. For each key personnel listed above, provide a resume/bio of the individuals experience, qualifications, work history, education and any related licenses and certifications.

(see the following pages)

RELEVANT EXPERIENCE

Flagler Downtown Seawall, Palm Beach County, City of West Palm Beach, Project Manager. This project included the design of a 2,900-linear foot seawall replacement along the Downtown West Palm Beach Sunfest route.

Bay and River Drive Bridges, Indian River County, City of Vero Beach, Project Manager. This project consisted of the replacement and widening of both bridges, requiring one lane of traffic open at all times, and utility upgrades without interruption of service. The new bridges feature decorative concrete barrier walls and pedestrian railings.

Tequesta Drive Bridge, Palm Beach County, Village of Tequesta, Project Manager. This project included the design of a multi-span bridge with decorative railings and arched spandrel panels to increase vertical clearance for boat traffic. The bridge approach incorporates tiered retaining walls providing areas for planting.

320 Island Road Seawall, Palm Beach County, Kirchoff Architects, Project Manager. A 230 +/- foot long concrete king pile and concrete sheet panel seawall with a concrete cap, one 54--0 cantilever pile extension and one 40'-0 pile cap extension were designed and the construction phase services were completed for this project. A section of stepped cap, six cap elevation changes, 32.5-foot submerged pile cap and stepped lower cap with steel sheeting were also included.

670 Island Drive Seawall, Palm Beach County, Tim Givens Building and Remodeling, Project Manager. This project included the design and construction phase services for the seawall at 670 Island Drive which consisted of a 115-foot long sheet pile wall with concrete cap, 349-foot pile cap extension with concrete piles and concrete cap, and a concrete stem wall the length of the seawall on top of the pile cap.

Loxahatchee River Road Bridge over the C-18 Canal, Palm Beach County Engineering Department, Project Manager. This project consists of the design and construction of a multi-span concrete bridge which includes two travel lanes and a sidewalk on each side.

Reverse Osmosis Plant, Palm Beach County, City of Lake Worth, Project Manager. This project consisted of the design of a new reverse osmosis plant with cast-in-place columns, 12-foot masonry walls and prestressed joints.

Sand Transfer Plant, Palm Beach County, Town of Palm Beach, Project Manager. This project consisted of the completion of design and construction phase services for the Town of Palm Beach's sand transfer plant, which consisted of the refurbishment of the existing sand transfer plant with new metalized steel crane and mechanical pumps and motors capable of pumping sand build-up from the north side of the inlet.

Lake Worth Pier, Palm Beach County, City of Lake Worth, Project Manager. Design of a 1,000-linear foot pier and subsequent revitalization after storm damage. The pier was raised 5 feet for added storm protection. The project was constructed utilizing "top-down" construction techniques.

Dania Pier, Broward County, Dania Parks and Recreation, Project Manager/ Principal-in-Charge. Design-Build of a 1,000-linear foot ocean pier replacement. The project was constructed using "top-down" construction techniques.

Brian Rheault, PE

Structural

PROFESSIONAL PROFILE:
Brian has over 34 years of experience in structural engineering in the South Florida area. He has been responsible for the design, review, inspection, coordination and management of construction projects. Brian has been either a design engineer or a project manager for over 100 state and county bridges and has designed numerous marinas, seawalls and the majority of the ocean piers in the state of Florida. He has provided engineering services in Palm Beach County, Broward County, Martin County, Indian River County, Lee County, Duval County and Okeechobee County. Brian also oversees the design and inspection of low-rise office buildings, pump stations, shopping center and civic structures.

REGISTRATIONS:
Professional Engineer: Florida #38797, 1987

EDUCATION:
Bachelor of Science, Civil Engineering - Michigan Technological University, 1982

AFFILIATIONS:
American Society of Civil Engineers

Florida Engineering Society

TOTAL YEARS EXPERIENCE: 34

WGI

RELEVANT EXPERIENCE

Lake Worth Water Treatment Plant Safety Upgrades, Palm Beach County, City of Lake Worth, Project Manager. Jeff developed a bid document to include all the elements identified in the report. A single site visit to verify the existing conditions and photo document the areas identified on the Health and Safety Report dated April 28, 2015. Specifically, those items identified in the Report as Hazard numbers 1, 2, 16, l9, 21, 39, 46, 65, 69, 70 and 79 will be addressed. A map of the Water Treatment Plant facility was developed by use of Existing Cad Files, as-built drawings in Adobe PDF images or a combination of both to depict the locations of each identified hazard. The document was used as the basis to produce construction documents for bid.

Marathon Distribution Pump Station, Monroe County, Florida Keys Aquaduct Authority, Project Manager. Design of a new Marathon Key Water Distribution Pump Station Facility. The project includes an elevated concrete platform for an EFI Package Pump Station with a total of four 750 gallons per minute pumps (three included with this project and one future); stairway to the EFI platform, and review of the proposed 4MG ground storage tank.

West Palm Beach Lift Stations 45 & 51 Rehabilitation, Palm Beach County, City of West Palm Beach, Project Manager. Jeff performed site visits and photographs documenting the site and measuring the existing conditions. Design drawings and specifications were prepared for cofferdams for Lift Stations 45 & 51. In addition, wall extensions were designed and construction costs prepared. The project entails design of a sheet pile cofferdam, excavation to the top slab of the wet-well, removal of the top slab, dowelling into the vertical walls, and extending the walls to the existing grade.

Water Treatment Plant Building No. 2 Hurricane Hardening CPS, Palm Beach County, City of Boca Raton, Project Manager. Jeff is responsible for construction administration services including attendance at a pre-construction meeting with City of Boca Raton representatives and the selected contractor before the start of construction, and monthly progress meetings. In addition, responses to contractor RFI's will be issued and WGI will review change orders and applications for payment. Upon completion of the work, Jeff will conduct an inspection to determine if the work is substantially complete. The City of Boca Raton Water Treatment Plant Building No. 2 is currently hurricane protected utilizing roll-down, accordion, and panel shutters. The building is a two-story facility and requires the use of a man lift to close the second floor shutters. In addition, pests and bird's nests in the tracks regularly create on-going maintenance issues. In the design phase of the project, WGI staff provided design services to replace the shutters with impact windows and store fronts.

Audubon Causeway Bridge Replacement, Palm Beach County, Project Manager. Jeff was the project manager for construction phase services associated with the Audubon Causeway Bridge replacement which included meeting attendance, shop drawing reviews, site visits and reports, response to contractor requests for information, as-built drawings, and final certification.

JJ Farms Retro-Permitting, Palm Beach County, JJ Family of Farms, Project Manager, Supervisor. Jeff was responsible for structural document reviews and site verification of measurements. He performed an analysis and code comparison; member strength evaluation and provided a Certification Package.

Jeffrey Bergmann, PE

Structural

PROFESSIONAL PROFILE:
Jeff has 32 years of experience in managing civil and structural engineering projects in both the public and private sectors with regards to regulatory compliance, structural and civil engineering design and construction, construction administration and contract

REGISTRATIONS:
Professional Engineer: Florida #50159, 1996

EDUCATION:
Bachelor of Science, Civil Engineering - University of New Mexico, 1984

AFFILIATIONS:
American Society of Civil Engineers

Florida Engineering Society

TOTAL YEARS EXPERIENCE: 32

WGI

RELEVANT EXPERIENCE

North Flagler Seawall, Palm Beach County, TRG North Flagler Venture, Ltd, Project Manager. WGI will provide structural engineering design for a new seawall and dock for Lots 8 and 13 through 16, Parcels 1A and 1B and Parcel 2 of TRG North Flagler Venture, Ltd property. The seawall will be designed utilizing cantilevered structural steel sheet piling with a concrete pile cap. The top of the pile cap along Lots 7 and 13 through 16 and Parcel 1A and 1B will be approximately 7.5 NAVD and approximately 3.0 NAVD along Parcel 2. Phase I will start at the south end of Parcel 2 attaching to the current wall system and extend north approximately 207 linear feet. At the property line between Parcels 1A and 1B and Parcel 2, the wall will return west approximately 40 feet. At that location, provisions will be made to continue the wall north. Phase II wall will extend north on Parcels 1A and 1B and Lots 8 and 13 through 16 and return west on Lot 13 as required. In addition, a floating dock system will extend out east from the new seawall to accommodate approximately 12 boat slips.

Port St. Lucie Weir Repair, St. Lucie County, Port St. Lucie West Services District, Project Manager. Original weir was constructed in 1988 for St. Lucie West Services District. In 1996, modifications to the weir were made and those modifications have now failed. WGI will provide structural plans, details and specifications for the repair of the weir wall interior to the Basin 4B control structure**.**

Pahokee Marina Modifications, Palm Beach County, Palm Beach County Environmental Resource Management, Project Manager. WGI will perform structural engineering services for the northern breakwater of the Pahokee Marina 480 feet east and remove approximately 90 feet of the existing west end of the Marina entrance wall. WGI will evaluate a twin sheet pile coffered system with a concrete cap and a steel sheet pile wall stabilized with a battered pile system and a concrete cap. Each option will be evaluated for constructability and value engineering suggestions to minimize the costs of the modifications will be provided. WGI will design the new breakwater extension so that the wall can be shortened in length, if required, due to budget constraints. Plans and specifications will be prepared for the modifications based on wave forces and factors of safety determined necessary by Palm Beach County.

Boca Fire Rescue Training Tower Hand Rail, Palm Beach County, City of Boca Raton. The City of Boca Raton has requested engineering services for the Fire Rescue Training Tower located at 800 Banyan Trail. The hand railings on the exterior stof airway have severe corrosion at the base posts creating a hazardous condition during training exercises. WGI will perform a site visit to take measurements of the surrounding structural system in order to document the as-built locations of the stairways and landings, develop a schematic sketch for the handrail replacement, and submit a brief letter report of the conditions to the City. Services will include preparation of construction plans, details, specifications and bid documents, and estimate of the probable cost of the upgrade. WGI will provide bidding assistance to the City and respond to RFI's during the bidding process, along with clarifications and any revised drawings deemed necessary. During the construction phase of the project, WGI will review shop drawings and provide field visits to review the progress of the work. A final inspection will be performed and identification of the punch list items will be provided to the City.

Tim DeLand, PE

Structural

PROFESSIONAL PROFILE:
Tim has extensive experience in the structural engineering field. Tim's activities include structural design of buildings, retaining walls and seawalls. He performs plan reviews for ARC 4496 compliance as well as field inspections of various structures.

REGISTRATIONS:
Professional Engineer: Florida #71588, 2010

EDUCATION:
Bachelor of Science, Civil Engineering - Michigan Technological University, 2005

TOTAL YEARS EXPERIENCE: 12

WGI

RELEVANT EXPERIENCE

Port St. Lucie Public Works Building, Port St. Lucie, Structural Engineer. Chris provided structural inspection, analysis, and design services to harden the existing steel -framed building and bring the building up to current wind design standards. Services also included the addition of new hurricane rated doors and windows.

Moore Creek Seawall Inspection, Fort Pierce, Structural Engineer. Chris provided a condition assessment report of existing tied-back concrete seawall along Moore Creek. Responsibilities include site inspection and review of existing wall conditions and design of proposed seawall repairs.

West Virginia Avenue and Floresta Drive Intersection, Fort Pierce, Structural Engineer. Chris provided analysis of an existing mast arm and performed the design for a new drilled shaft for the re-use of an existing mast arm at the West Virginia and Floresta Intersection.

Patch Reef Tennis Center Light Poles, Boca Raton, Structural Engineer. Chris provided inspection and analysis of existing light pole bolted connections. Inspection was performed to determine the amount of observed corrosion and the adequacy of the light pole bases to withstand design wind loads.

RaceTrac Royal Palm Beach Signalization, Palm Beach County, RaceTrac Petroleum, Inc., Structural Engineer. Chris provided an analysis of the existing mast arm to determine its structural adequacy to withstand current design wind loads.

Park Avenue and Concrete Avenue Mast Arms, Palm Beach County, Structural Engineer. Chris provided re-analysis of three existing mast arms to account for signal modifications and to account for current wind load requirements. He provided design and analysis for one new arm at the intersection.

Sherwood Forest Boulevard over L-8 Canal Water and Force Main, Palm Beach County, Palm Beach County Roadway Production, Structural Engineer. Chris serves as structural engineer on this project and will prepare design plans for two concrete support pedestals. Located at Sherwood Forest over the Lake Worth Drainage District L-8 Canal in Palm Beach County, this bridge widening project includes the design of 60 linear feet of 8-inch ductile iron pipe (DIP) water main located on the east side and 60 linear feet of 6-inch DIP sanitary sewer force main located on the west side, including an aerial crossing. The design will utilize concrete pedestals affixed to the existing pile caps on both sides of the canal to support the aerial crossing. WGI's services include utility engineering design development, utility location, construction documents, structural design, permitting, bid support, and construction phase services.

Ocean Reef Drive Bridge Load Rating, Monroe County, Ocean Reef Club, Inc., Structural Engineer. Chris performed a field investigation to collect all data necessary to perform a structural analysis of Ocean Reef Drive bridge. WGI will analyze the bridge to determine if it is capable of safely allowing the passage of heavy vehicle(s) and equipment necessary for construction of a new parking garage. Based on the analysis, we will identify any special precaution that may be required. A letter detailing the findings of our structural analysis and recommendations will be provided to the owner.

Christopher LaForte, PE

Structural

PROFESSIONAL PROFILE:
Chris has over 12 years of experience in structural engineering. His activities include structural design of buildings, pump stations, bridges, retaining walls and seawalls. Chris also performs plan reviews for ARC 4496 compliance as well as field inspections of various structures.

REGISTRATIONS:
Professional Engineer: Florida #76797, 2013

Professional Engineer: Michigan #60389, 2013

EDUCATION:
Master of Science, Civil Engineering - Structural - Michigan Technological University, 2006

Bachelor of Science, Civil Engineering - Structural - Michigan Technological University, 2005

AFFILIATIONS:
Florida Engineering Society

TOTAL YEARS EXPERIENCE: 12

WGI

RELEVANT EXPERIENCE

Water Treatment Plant Building No. 2 Hurricane Hardening CPS, Palm Beach County, City of Boca Raton, Construction Inspector. Tim provided field inspections and reports for compliance with plans and specifications. In addition, specialty inspections were made which included all structural components of the retrofit for compliance to applicable Florida Building Code requirements including application N.O.A.'s. The City of Boca Raton Water Treatment Plant Building No. 2 is currently hurricane protected utilizing roll-down, accordion, and panel shutters. The building is a two-story facility and requires the use of a man lift to close the second floor shutters. In addition, pests and bird's nests in the tracks regularly create on-going maintenance issues. In the design phase of the project, WGI staff provided design services to replace the shutters with impact windows and store fronts.

C-17 Pump Station, Palm Beach County, City of West Palm Beach, Construction Inspector. WGI will perform construction phase services at the West Palm Beach C-17 Canal Pump Station. These services will include meeting attendance, shop drawing reviews, site visit and reports, response to Contractor RFI's, and as-built drawings. In addition, a final inspection and certification will be provided.

G-716 Sillway, Palm Beach County, South Florida Water Management District, Field Technician. WGI's Structural Division designed, detailed and provided construction phase services to South Florida Water Management District for a fully automated, electrically operated, three-gate spillway. The G-716 spillway is within the STA-1E Inflow Distribution Area, along the levee that is between the East Distribution Cell (EDC) and the West Distribution Cell (WDC). There is currently a gated box culvert (S-375) with a capacity of 1,000 cubic feet per second located within this levee that will remain intact. There is a second existing structure within this levee; temporary structure G-707, which will be removed as part of this project. The proposed G-716 spillway will be constructed in the same location as the old, temporary G-707 culverts. The proposed G-716 spillway will have a peak capacity of 2,600 cubic feet per second. The purpose of the proposed structure is to increase the capacity of the flow between the EDC and the WDC to a total of 3,600 cubic feet per second.

S-140 Pump Station Improvements, Broward County, South Florida Water Management District, Field Technician. The SFWMD S-140 Pump Station is located approximately 40 miles west of the City of Weston, and 40 miles south of the City of Clewiston. The S-140 Pump Station includes a controls and pump building, three surface water pumps, a gated gravity spillway, a trash raking system, and an on-site fuel system. WGI Structural Systems Division designed and prepared construction documents for the five primary components of the project: trash rake and bridge structure at the confluence of the C-60 and the L-28 Canals; replacement of the existing trash rack beam support posts on the upstream side of the pump station; repair and coating of the fuel storage/supply tank containment area; installation of a generator/skid storage building; and stilling well catwalks.

LWDD Control Structure No. 4, Palm Beach County, Delray Beach, Construction Inspector. Tim served as the construction inspector and provided resident inspector services for the LWDD Control Structure Building No. 4. Tim provided inspections on all rebar, metals, door and louver fastenings, roof truss anchors and bracing, and roof railings. He was also on site for the monitoring of concrete placement. Tim provided LWDD with project reports after each site visit.

Timothy Sherwood, BI

Structural

PROFESSIONAL PROFILE:
Tim is responsible for the plan review and verification of field construction to the contract documents including: pile driving, reinforcing steel, and concrete casting.

CERTIFICATIONS:
ACI Concrete Field Testing Technician Grade I, 2004

ACI Concrete Transportation Construction Inspector, 2008

AFFILIATIONS:
International Code Council

TOTAL YEARS EXPERIENCE: 24

WGI

B. APPROACH TO PROJECT MANAGEMENT -

i. Provide a detailed narrative description of the proposed approach and methodology for engaging with City representatives while in the course of performing the duties.

The **WGI** Team has an exceptionally strong project management approach that is time tested and proven successful over a 45-year history. When authorized by the City of Delray Beach (City), **WGI** will provide the necessary professional personnel, equipment, technology and management expertise to accomplish all tasks assigned under this contract. Our staff is accommodating, and with our commitment to technology and ability to utilize the specialized equipment at our disposal, no assignment is beyond our capability. In order to properly address permitting, design, environmental, drainage, and private property ownership issues, as well as conduct an effective public outreach effort, a well-defined approach needs to be implemented and adhered to. Throughout the design process, WGI will continually communicate and solicit feedback from City representatives in order to meet the City's goals and objectives.

ii. Describe in detail Proposer's approach to the design of projects.

Project Manager Brett Oldford, PE understands that any successful project starts with a well thought out, comprehensive, and detailed scope. Prior to having a formal written contract, a significant effort must be employed to identify critical path items, potential project issues, data gaps, communications protocols, deliverables, and project schedules. This effort takes time and dedication; however, **WGI** has proven time and time again that the benefits of planning the project correctly pay significant dividends, not only throughout the design phase, but more importantly, throughout the construction phase as well.

To that end, the following steps will be taken prior to the finalization of the project service authorization:

1. Perform a site visit with City representatives prior to the development of the project scope;
2. Outline project objectives after the site visit (within 24 hours) and provide to the City for review and comment;
3. Develop a draft project scope incorporating the approved outlined project objectives and provide to the City for review and comment;
4. Coordinate with City staff to ensure the scope and deliverables are in compliance with the established schedules and budget; and
5. Finalize project scope.

The tasks below represent our typical comprehensive approach for the successful completion of a project. Individual tasks may not apply to every project depending on their size and complexity.

Initial Phase – Project Development

- Schedule a design kick-off meeting with staff and subconsultants to define the communications protocol and confirm complete understanding of the scope of services, schedule and budget;
- Coordinate engineering design activities including surveys, inspections and evaluations, collection of data, engineering feasibility reports and studies, and cost estimates. Utility coordination with providers such as FP&L, CATV, and others must occur during this step to identify potential conflicts and to define the resolution of those conflicts;
- Coordinate with subconsultants on their role and communicate plan expectations, including deliverables, timing of submittals, and budgetary constraints;
- Complete any necessary field surveying including, but not limited to, establishing a primary horizontal and vertical control network utilizing either conventional or GPS methodology, and performing a topographic survey utilizing either Total Station with data collectors or GPS equipment that meets minimum technical standards;
- If necessary, perform subsurface utility evaluations, using WGI's latest "soft dig" and ground penetrating radar technology. The data is then incorporated into the survey;
- Meet with City staff to review the preliminary findings and discuss the approach to the project from the information gathered in this phase; and
- Define the scope and scheduling for the public outreach for the program.

Preliminary Design Development of Plan/Report – (30% Phase)

- Prepare preliminary (30%) design plans and/or reports which include supporting calculations, cost estimates, and a schedule;

- Conduct pre-application meetings with regulatory agencies;
- Initiate a peer review of the 30% plans and incorporate comments into the plans or report;
- Coordinate with subconsultants to establish the scope of deliverables and timing of submittals;
- Meet with City staff to present the 30% plans, reports and preliminary calculations, and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Conceptual Development of Plan/Report – (60% Phase)

- Prepare 60% design plans/reports including supporting calculations, specifications, construction cost estimates, and a schedule. This phase will incorporate comments received from the City in the 30% conceptual design phase, including input and permit requirements/conditions from the regulatory agencies;
- Prepare and coordinate legal documents and exhibits that will be needed for construction, ingress/egress, or infrastructure improvements.
- Perform peer review and quality control review on plans/reports, calculations, and specifications;
- Prepare and submit permit applications to required agencies. WGI incorporates a systematic approach to permit follow-up and tracking. We pride ourselves on our ability to address permit issues and secure permits in a timely manner;
- Address all comments received from the permitting agencies and make the required changes to the plan and supporting documents to secure the permits. WGI will always keep the best interests of the City in mind when negotiating with the regulatory agencies. We have the experience and expertise to know when a regulatory requirement is arbitrary and capricious and will do everything we can do to protect the City and mitigate any unnecessary requirements placed in the permits;
- Meet with the City staff, if necessary, and present the 60% plans/report and preliminary calculations and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Final Design Development of Plans/Report – (100% Phase)

- Prepare final (100%) documents including final reports, bid tabulation forms, specifications, plans, calculations, and final cost estimates. This phase will incorporate comments received from the City in the 60% design phase, including input received from the regulatory agencies;
- Perform a final peer review and quality control review on plans/reports, calculations and specifications;
- Secure all permits and inform the City of any special conditions or conditions that may affect the schedule or budget;
- Meet with the City Staff to discuss the final plans/reports and permits and discuss how they will affect the implementation of the project;
- Finalize and coordinate easements and exhibits necessary for the project;
- Assist the City in preparing final bid documents and establish timeframes for when the project will be initiated; and
- Present project before the City Commission.

iii. Narrative that demonstrates working knowledge and understanding of the Professional Services requirements in this RFQ.

WGI has successfully worked with the City of Delray Beach for years. Our in-depth knowledge of the character and uniqueness of the City includes the intrinsic differences between its neighborhoods and the vision and intent the City's administrative staff has adopted with the approval of the Complete Streets Policy in November of 2016.

We understand that the projects included in this contract will cover all aspects of the City's municipal infrastructure, including complete neighborhoods, utilities, stormwater, parks, seawalls, structural inspections, coastal and environmental design, transportation and traffic studies, and CEI services.

The City is empowered with the fiduciary responsibility to provide its residents with services that support safe, efficient, and practical solutions to their needs. In order to accomplish this, the City and consultants must reach out to the residents to both inform them of the project, as well as to solicit input that will help guide the design of the improvements.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has a diverse array of views and concerns on issues pertaining to their own specific neighborhood needs. When the public is involved in the decision-making process such input has a real potential to positively shape the final set of actions and outcomes for a project. As important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Public participation activities that have proven successful are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. Having said that, it is critical that all involved in the process have a clear understanding of the project's goals, objectives and strategies.

A Public Involvement Plan (PIP) is created and implemented to serve as a tiered and staged outreach approach to proactively engage a variety of audiences and to build ownership and support for a project. The PIP includes some or all of the following:

- Project logo and branding
- Stakeholder committee
- Newsletters, both electronic and paper, distributed to a database of impacted City residents and businesses that will include a calendar of events to keep the community apprised of upcoming events
- Collateral translated into Spanish and Creole
- Public workshops
- Grassroots community outreach
- Public outreach events
- Project website
- Social media and digital engagement, such as: Facebook, Twitter, LinkedIn, YouTube, and Pinterest
- Stakeholder interviews
- Database for outreach tracking
- A communication crisis plan to avert public conflicts and act decisively on threats to a safe environment

The **purpose of the PIP** is to ensure public participation is inclusive of all affected residents of the community. In doing so, special consideration must be given to reaching and involving the traditionally underserved, such as minority, low-income, disabled, those with language barriers, and others who are restricted from accessing information. Additionally, the scope of public involvement may differ with each project development study and should be adapted to the complexity of the project. The ultimate goal is to incorporate all people into the decision-making process, adjust to the community's needs, and solicit input throughout the life of a project. The **PIP** should also demonstrate how adjustments or accommodations were made to involve the public at each stage of the decision-making process. The PIP process generally consists of **four phases: global activities, design, construction and evaluation, and the public outreach activities will vary accordingly.**

iv. Details of how work under a Service Authorization will be implemented and how services will be provided.
Over the past decade, WGI has prepared countless Service Authorization proposals, which include the establishment of a comprehensive scope of work, detailed hourly labor breakdown, and a project schedule. The Service Authorization, in conjunction with the Master Contract, become the consultant's contract for services of the specific project.

The improvements for each project will be designed and implemented using WGI's proven project approach described above, allowing time in the schedule to include all data collection efforts, records research, design development, periodic reviews by City staff, and the critical process of public involvement.

v. Specify the location(s), including the complete physical address, where the work will be performed, including work performed by subcontractors, if applicable.
The entirety of the work under this contract will be performed by firms located in Palm Beach County. The address of WGI's corporate headquarters, and those of our subcontractors, are listed below.

WGI
2035 Vista Parkway
West Palm Beach, FL 33411

HCE
270 South Central Boulevard, Suite 207
Jupiter, Florida 33458

CB&I
2481 NW Boca Raton Boulevard
Boca Raton, Florida, 33431

Collective Water Resources
8461 Lake Worth Road #231
Lake Worth, Florida 33467

vi. Proposer shall thoroughly explain:

1. Its accessibility in the areas of availability for meetings, general communications, coordination, and supervision

In previous sections, WGI has stated our commitment to the City of Delray Beach under this contract, but the best evidence of this commitment is our track record with the City over the past decade. WGI staff will make adjustments to our schedule to eliminate conflicts and make ourselves available for any and all meetings with the City. Providing timely responses and being available outside of normal business hours is part of the WGI culture and is embraced by our associates. WGI understands that several of the City's staff members arrive early to work or stay after hours, so it's only appropriate that we make ourselves available as well.

WGI has several levels of supervision available, not only to associates providing services to the City, but to City staff as well. We routinely attend City meetings with at least two staff members and collaborate on project development with an active contract manager, as well as the project manager and design team.

2. Primary method for attending meetings and how much advance notice is required.

WGI attends meetings in person and is available to meet with a 24-hour notice, but has commonly attended meetings with City staff that have been scheduled the same day.

3. How the proposer physically plans on attending pre-scheduled meetings.

WGI will attend pre-scheduled meetings in person, with multiple staff members.

4. How the proposer plans on ensuring accessibility and availability during the term of the agreement.

With 180 staff members located in our West Palm Beach office, WGI commits to immediate accessibility and constant availability during the term of the agreement.

C. PROJECTS FOR SIMILAR SERVICES

List up to five projects that Proposer has provided Professional Services since September 1, 2011 to include the following information:

1. ESTUARY SEAWALL

i. Organization/Owner Name: Jeffery Steiner, Capital Realty Advisors, Inc.
ii. Address: Palm Beach County, Florida
iii. Project date (Start/End): 2014 to 2015
iv. Status of project: Design, Construction, Complete
v. Scope: Structural, WGI staff performed design and construction monitoring services for a new concrete retaining wall supported on a helical pile foundation. The new retaining wall replaced an existing aluminum sheet pile that had failed. Wall design had to take into account limited construction access due to the existing buildings spread footing foundation located landward of the seawall and mangrove shoreline along the Intracoastal Waterway.

2. GUANABANAS SEAWALL AND DOCK

i. Organization/Owner Name: Chad VanBoven
ii. Address: Palm Beach County, Florida
iii. Project date (Start/End): 2011 to 2013
iv. Status of project: Complete
v. Scope: Structural, Marginal and finger timber docks along the Jupiter River. Existing seawall strengthened with riprap placement and a composite toe wall.

3. WINDING WATERS BOARDWALK

i. Organization/Owner Name: Palm Beach County Department of Environmental Resources Management.
ii. Address: Palm Beach County, Florida
iii. Project date (Start/End): 2013 to 2014
iv. Status of project: Design, Construction Completed
v. Scope: Structural, Winding Waters Park boardwalks and observation towers were developed as part of a Palm Beach County initiative to provide new passive park systems which provide hiking through natural areas, including boardwalks to traverse wetlands and elevated decks to observe birds and other native wildlife living in the natural surroundings.

As a part of the park improvements, WGI's Structural Division staff designed the structural components of a new 8' wide by 300' long wood boardwalk supported on concrete piling. The use of IPE and Brazilian hardwood for the decks and railing system, combined with the concrete foundations for the boardwalks, will provide safe, low-maintenance facilities for long-term use by visitors to the Winding Waters nature trails and park.

4. NORTHERN REGION OPERATIONS CENTER ADMINISTRATION BUILDING

i. Organization/Owner Name: Palm Beach County Water Utilities
ii. Address: Palm Beach County, Florida
iii. Project date (Start/End): 11/2012 - 05/2015
iv. Status of project: Design, Construction Complete
v. Scope: Structural, WGI provided structural design and construction phase services for the Palm Beach County Water Utility Northern Region Operations Center (NROC). The NROC administration building is a 5,500-square foot building constructed with reinforced CMU walls, light gauge roof trusses and steel metal deck. The building is designed for Risk Category III/IV wind speed of 180 mph. The building features a high bay maintenance area, open office work stations for the Water Utility Inspectors and exterior offices for Supervisors.

5. 662 ISLAND DRIVE

i. Organization/Owner Name: MP Design & Architecture
ii. Address: Palm Beach, Florida
iii. Project date (Start/End): 9/2015 - 2/2016
iv. Status of project: Complete
v. Scope: Structural, WGI provided structural engineering services and construction phase services for the seawall replacement at 662 Island Drive. This project replaced a 175-foot seawall and constructed an 80-foot marginal dock on Everglades Island in the Town of Palm Beach. The seawall replacement sheet piles were constructed with a GIKEN Silent Piler.

D. ORGANIZATIONAL STRUCTURE

i. Details of Proposer's staffing resources, at the location that will provide services to the City as well as corporately, by discipline and the number of personnel within each discipline.

WGI'S WEST PALM BEACH CORPORATE OFFICE WILL PROVIDE SERVICES FOR THE CITY.

• **Administrative**	**36**
• **Biologist**	**1**
• **CADD Tech**	**9**
• **Civil Engineer**	**11**
• **Environmental Scientist**	**4**
• **Geologist**	**2**
• **Land Surveyor**	**60**
• **Landscape Architect**	**13**
• **Planner: Urban/Regional**	**9**
• **Structural Engineer**	**6**
• **Transportation Engineer**	**12**
• **Engineer Intern**	**14**
• **Other Employees**	**3**
• **TOTAL**	**180**

ii. If Proposer's staffing resources includes sub-consultants, submit the name of the firm(s) who will perform each discipline. If more than one firm is listed for a discipline, then label which firm is the primary firm for that discipline. Firms may perform more than one discipline.

- **CB&I Environmental & Infrastructure, Inc.(CBI) will be providing Coastal & Marine Engineering under the direction of WGI.**
- **Holtz Consulting Engineers (HCE) and Collective Water Resources (CWR) will be providing Water Resources under the direction of WGI**

iii. Submit an organizational diagram clearly identifying key personnel as well as other staffing resources who will provide services to the City. For each individual in the organization diagram, include each individual's name, title, firm and their functional relationship to each other.

Please see Organization Chart on the following page.

[Remainder of the page intentionally left blank]

TEAM ORGANIZATIONAL CHART

PRINCIPAL-IN-CHARGE
Michael L. Davis, Senior VP (WGI)

CONTRACT MANAGER
Brian LaMotte, PE, LEED AP (WGI)

QA / QC
Richard Hasko, PE (WGI)

PROJECT MANAGER
Brett Oldford, PE (WGI)

1. ENGINEERING
Tom Mueller, PE (WGI)
Jimmy Richie, PE (WGI)
Corey Hill, PE (WGI)
Stephen Cherry, EI (WGI)

4. CIVIL ENGINEERING
Adam Schildmeier, PE (WGI)
Chris Holmes, PE (WGI)
Brian Arnold, PE (WGI)

8. ENVIRONMENTAL
John Abbott, PG (WGI)
Greg Griffith (WGI)
Jerry Renick, CEP (WGI)
Rick Harman (WGI)

2. SURVEY
Sam Hall, PSM (WGI)
Pat Meeds, PSM (WGI)
Eric Matthews, PSM (WGI)
Eric Andelin, CP, GISP (WGI)
Jason Alvarez, CST II (WGI)

6. STRUCTURAL
Brian Rheault, PE (WGI)
Chris LaForte, PE (WGI)
Tim Sherwood, BI (WGI)
Jeff Bergmann, PE (WGI)
Tim DeLand, PE (WGI)

9. WATER RESOURCES
Jerry Saval, PE, CFM (WGI)
Cesar Pena, PE (WGI)
Liz Perez, PE, D.WRE, CFM (CWR)
David Holtz, PE (HCE)
Christine Miranda, PE (HCE)

3. LANDSCAPE ARCHITECTURE
Jason Mihalovits, PLA, LEED AP (WGI)
Cheryl Callender, PLA, LEED, GA (WGI)
Angela Biagi, PLA, LEED BD+C (WGI)
Bryan Donahue, PLA (WGI)
Colin McCann, PLA (WGI)

7. TRANSPORTATION
Keegan Larson, PE (WGI)
Jeremy Botto, PE (WGI)
Mike Madison, PE (WGI)
Juan Ortega, PhD, PE (WGI)
Chad Johnson, EI (WGI)

10. COASTAL & MARINE ENGINEERING
Thomas Pierro, PE, DCE (CBI)
Tara Brenner, PG, PE (CBI)
Douglas Mann, PE, DCE (CBI)
Jordon Cheifet, PE, CFM (CBI)
Spencer Waganaar, EI (CBI)

ADDITIONAL SERVICES

PUBLIC INVOLVEMENT / OUTREACH
Jennifer Hofmeister, AICP (WGI)
Veronica Sanchez (WGI)

SUBSURFACE UTILITY ENGINEERING
Erik Brueningsen, PE (WGI)
Matt Phillips (WGI)
Fred Bachman (WGI)

UTILITY COORDINATION
Alan Boaz (WGI)
Bob Lowen (WGI)

TEAM

Wantman Group, Inc. (WGI)
Holtz Consulting Engineers (HCE)
CB&I (CBI)
Collective Water Resources (CWR)

iv. A written response clearly defining responsibilities, contractual relationships and roles of all individual in the organizational diagram.

Michael L. Davis, Senior Vice President, Principal-in-Charge - Environmental
- As the Principal-in-Charge and a **WGI** officer, Michael provides the City, **WGI's** commitment to high quality professional services. Michael will also be working with the Environmental team.

Brett Oldford, PE - Project Manager - Civil Engineering
- Brett will serve as the Project Manager. Brett will be responsible for all project related items and be responsible for the overall delivery of the project. Brett will be the point person for all contact between the City of Delray Beach and **WGI**. Brett will also be working with the Civil Engineering Team.

Brian LaMotte, PE LEED AP - Contract Manager - Engineering
- Brian will serve as the Contract Manager. Brian will be responsible for developing the final scope of services and negotiating the fee for the project**.** Brian will also be working with the Engineering team.

Richard Hasko, PE - QA/QC - Civil Engineering
- Richard will serve as the QA/QC Manager. Richard will be responsible for implementation of the **WGI** QA/QC policy, ensuring every product that is submitted meets or exceeds the quality standards set by both **WGI** and the City of Delray Beach. Richard will also be working with the Civil Engineering team.

Tom Mueller, PE - Engineering
- Tom will serve as the technical lead for engineering design related services and be responsible for the completion of all engineering design related deliverables.

Jimmy Richie, PE - Engineering
- Jimmy will provide support to Tom for all engineering design related deliverables.

Corey Hill, PE - Engineering
- Corey will provide support to Tom for all engineering design related deliverables.

Stephen Cherry, EI - Engineering
- Stephen will provide support to Tom for all engineering design related deliverables.

Sam Hall, PSM - Survey
- Sam will serve as the technical lead for survey related services and be responsible for the completion of all survey related deliverables.

Pat Meeds, PSM - Survey
- Pat will provide support to Sam for all survey related deliverables.

Eric Matthews, PSM - Survey
- Eric will provide support to Sam for all survey related deliverables.

Eric Andelin, CP, GISP - Survey
- Eric will provide support to Sam for all survey related deliverables.

Jason Alvarez, CST II - Survey
- Jason will provide support to Sam for all survey related deliverables.

Jason Mihalovits, PLA, LEED AP - Landscape Architecture
- Jason will serve as the technical lead for landscape architecture related services and be responsible for the completion of all landscape architecture related deliverables.

Cheryl Callendar, PLA, LEED Green Associate - Landscape Architecture
- Cheryl will provide support to Jason for all landscape architecture related deliverables.

Angela Biagi, PLA, LEED BD+C - Landscape Architecture
- Angela will provide support to Jason for all landscape architecture related deliverables.

Bryan Donahue, PLA, - Landscape Architecture
- Bryan will provide support to Jason for all landscape architecture related deliverables.

Colin McCann, PLA, - Landscape Architecture
- Colin will provide support to Jason for all landscape architecture related deliverables.

Adam Schildmeier, PE - Civil Engineering
- Adam will serve as the technical lead for civil engineering design related services and be responsible for the completion of all civil engineering design related deliverables.

Chris Holmes, PE - Civil Engineering
- Chris will provide support to Adam for all civil engineering design related deliverables.

Brian Arnold, PE - Civil Engineering
- Brian will provide support to Adam for all civil engineering design related deliverables.

Brian Rheault, PE - Structural
- Brian will serve as the technical lead for structural related services and be responsible for the completion of all structural related deliverables.

Chris LaForte, PE - Structural
- Chris will provide support to Brian for all structural design related deliverables.

Tim Sherwood, BI, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Jeff Bergmann, PE - Structural
- Jeff will provide support to Brian for all structural design related deliverables.

Tim DeLand, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Keegan Larson, PE - Transportation
- Keegan will serve as the technical lead for transportation related services and be responsible for the completion of all transportation related deliverables.

Jeremy Botto, PE - Transportation
- Jeremy will provide support to Keegan for all transportation related deliverables.

Mike Madison, PE - Transportation
- Mike will provide support to Keegan for all transportation related deliverables.

Juan Ortega, PhD, PE - Transportation
- Juan will provide support to Keegan for all transportation related deliverables.

Chad Johnson, EI - Transportation
- Chad will provide support to Keegan for all transportation related deliverables.

John Abbott, PG - Environmental
- John will serve as the technical lead for environmental related services and be responsible for the completion of all environmental related deliverables.

Greg Griffith - Environmental
- Greg will provide support to John for all environmental related deliverables.

Jerry Renick - Environmental
- Jerry will provide support to John for all environmental related deliverables.

Rick Harman - Environmental
- Rick will provide support to John for all environmental related deliverables.

Jerry Saval, PE, CFM - Water Resources
- Jerry will serve as the technical lead for water resources related services and be responsible for the completion of all water resources related deliverables.

Cesar Pena, PE - Water Resources
- Cesar will provide support to Jerry for all water resources related deliverables.

Liz Perez, PE, D.WRE, CFM - Water Resources
- Liz will provide support to Jerry for all water resources related deliverables.

David Holtz, PE - Water Resources
- David will provide support to Jerry for all water resources related deliverables.

Christine Miranda, PE - Water Resources
- Christine will provide support to Jerry for all water resources related deliverables.

Thomas Pierro, PE, DCE - Coastal and Marine Engineering
- Tom will serve as the technical lead for coastal and marine engineering related services and be responsible for the completion of all coastal and marine engineering related deliverables.

Tara Brenner, PG, PE - Coastal and Marine Engineering
- Tara will provide support to Tom for all coastal and marine engineering related deliverables.

Douglas Mann, PE, DCE - Coastal and Marine Engineering
- Doug will provide support to Tom for all coastal and marine engineering related deliverables.

Jordon Cheifet, PE, CFM - Coastal and Marine Engineering
- Jordon will provide support to Tom for all coastal and marine engineering related deliverables.

Spencer Waganaar, EI - Coastal and Marine Engineering
- Spencer will provide support to Tom for all coastal and marine engineering related deliverables.

Jennifer Hofmeister, AICP - Public Involvement /Outreach - Additional Services
- Jennifer will serve as the technical lead for public involvement design related services and be responsible for the completion of all public involvement related deliverables.

Veronica Sanchez - Public Involvement /Outreach - Additional Services
- Veronica will provide support to Jennifer for all public involvement related deliverables.

Erik Brueningsen, PE - Subsurface Utility Engineering - Additional Services
- Erik will serve as the technical lead for subsurface utility engineering related services and be responsible for the completion of all subsurface utility engineering related deliverables.

Matt Phillips - Subsurface Utility Engineering - Additional Services
- Matt will provide support to Erik for all subsurface utility engineering related deliverables.

Fred Bachman - Subsurface Utility Engineering - Additional Services
- Fred will provide support to Erik for all subsurface utility engineering related deliverables.

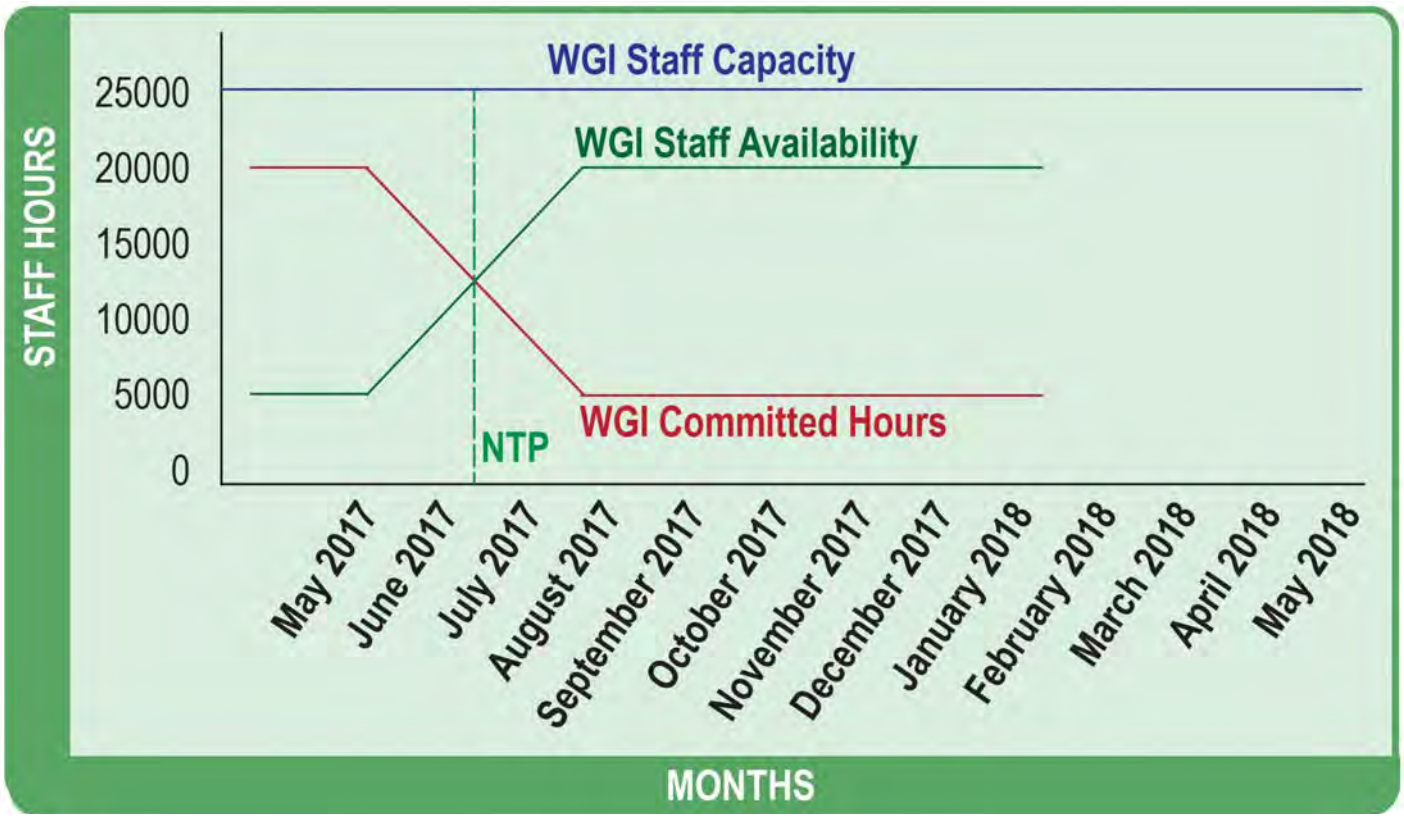
Alan Boaz - Utility Coordination - Additional Services
- Alan will serve as the technical lead for dry utility coordination related services and be responsible for the completion of all dry utility coordination related deliverables.

Bob Lowen - Utility Coordination - Additional Services
- Bob will provide support to Alan for all dry utility coordination related deliverables.

v. A narrative detailing Proposer's recent, current, and projected workloads at the time of submission and provide a statement of Proposer's commitment of personnel and other resources for the City project by providing a signed letter of commitment.

WGI understands that an important aspect of a continuing services, task driven contract is the team's ability to provide the necessary depth of staff for immediate response and the ability to manage multiple assignments simultaneously and effectively. We recognize that contracts of this nature present assignments that are unique in scope, often fast tracked and dependent on staff resources, which can, if not managed properly, present overload and delay challenges. **WGI** has maintained task driven continuing services contracts for many years and has the experience and resources necessary to anticipate and compensate for these challenges through efficient scheduling and a dedicated work force. **Specifically, WGI has provided the City of Delray Beach quality consulting services since July 2007. The success of our relationship is driven by the dedication of a team of individuals solely to the City. This means that technically proficient staff members familiar with the City's needs are available to provide immediate response to any request.**

Because **WGI** specializes in public sector contracts, it has the capacity to respond to the assignments and service authorizations anticipated from the City. These public sector contracts support a more stable scheduling and resource management protocol, across the **WGI** multi-discipline divisions. Regardless of the nature, location, or technical complexity of the assignment, **WGI** brings the experience, technical resources, and depth of staff to deliver the results you require. This contract has the full attention of our entire team.



Please see Commitment Letter on the following page.

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May 17, 2017

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

RE: CITY OF DELRAY BEACH RFQ NO. 2017-048
CONTINUING ENGINEERING, SURVEYING, AND LANDSCAPING ARCHITECTURAL CONSULTING SERVICES (918-42, 918-89, 906-56)

Dear Selection Committee Members,

WGI'S COMMITMENT

The most important qualification **WGI** brings to the City is the commitment of the firm, at all levels, to develop successful deliverables, deliverables that are technically sound, on schedule and within budgetary requirements. Our key personnel selected for this project are dedicated and will be available to the City for the duration of the contract. The depth of our team with 300 professionals, including 180 registered engineers, landscape architects, planners, environmental scientists, surveyors, and other professionals based in Palm Beach County will provide ample capacity and availability to competently complete all assignments in a timely manner. Our commitment has been clearly demonstrated by **WGI's** superior service and professionalism over the years in providing similar services on a continuing basis for numerous counties and municipalities in South Florida. As the **Principal-in-Charge** and a **WGI Officer**, I provide the City **WGI's** commitment to high quality professional services.

We look forward to demonstrating our ability and unequivocal commitment while serving the City of Delray Beach.

Sincerely,
WANTMAN GROUP, INC.

Michael L. Davis
Senior Vice President
Principal-in-Charge

vi. A narrative detailing all key personnel's recent, current and projected workloads at the time of submission and provide a statement of the availability of each for the City's project.

The key personnel below are currently assigned to the Delray Beach Continuing Contract and a portion of their time is already designated to servicing the needs of the City. Over the past ten years ,**WGI** has developed a successful working relationship that provides timely responses to any of the City's needs.

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Michael L. Davis	WGI	Principal-in-Charge Environmental	30%	35%	40%
Brett Oldford, PE	WGI	Project Manager Civil Engineering	35%	45%	50%
Brian LaMotte, PE, LEED AP	WGI	Contract Manager Engineering	25%	40%	45%
Richard Hasko, PE	WGI	QA/QC Civil Engineering	20%	30%	45%
Tom Mueller, PE	WGI	Engineering	40%	45%	50%
Jimmy Richie, PE	WGI	Engineering	20%	35%	50%
Corey Hill, PE	WGI	Engineering	25%	35%	40%
Stephen Cherry, EI	WGI	Engineering	25%	45%	45%
Sam Hall, PSM	WGI	Survey	35%	35%	40%
Pat Meeds, PSM	WGI	Survey	30%	30%	35%
Eric Matthews, PSM	WGI	Survey	25%	25%	30%
Eric Andelin, CP, GISP	WGI	Survey	40%	45%	55%
Jason Alvarez, CST II	WGI	Survey	25%	30%	35%
Jason Mihalovits, PLA, LEED AP	WGI	Landscape Architecture	25%	40%	40%
Cheryl Callendar, PLA, LEED Green Associate	WGI	Landscape Architecture	30%	35%	35%
Angela Biagi, PLA, LEED BD+C	WGI	Landscape Architecture	35%	35%	35%
Bryan Donahue, PLA	WGI	Landscape Architecture	30%	20%	35%
Colin McCann, PLA	WGI	Landscape Architecture	30%	35%	45%
Adam Schildmeier, PE	WGI	Civil Engineering	40%	40%	45%
Chris Holmes, PE	WGI	Civil Engineering	20%	30%	40%
Brian Arnold, PE	WGI	Civil Engineering	20%	30%	40%
Brian Rheault, PE	WGI	Structural	25%	30%	35%
Chris LaForte, PE	WGI	Structural	30%	40%	45%
Tim Sherwood, BI, PE	WGI	Structural	25%	40%	45%
Jeff Bergmann, PE	WGI	Structural	30%	35%	45%
Tim DeLand, PE	WGI	Structural	25%	35%	40%
Keegan Larson, PE	WGI	Transportation	25%	30%	35%
Jeremy Botto, PE	WGI	Transportation	25%	30%	35%

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Mike Madison, PE	WGI	Transportation	20%	30%	35%
Juan Ortega, PhD, PE	WGI	Transportation	20%	35%	35%
Chad Johnson, EI	WGI	Transportation	30%	35%	35%
John Abbott, PG	WGI	Environmental	25%	30%	30%
Greg Griffith	WGI	Environmental	20%	25%	25%
Jerry Renick	WGI	Environmental	20%	25%	25%
Rick Harman	WGI	Environmental	25%	35%	40%
Jerry Saval, PE, CFM	WGI	Water Resources	30%	40%	50%
Cesar Pena, PE	WGI	Water Resources	25%	35%	45%
Liz Perez, PE, D.WRE, CFM	CWR	Water Resources	15%	25%	25%
David Holtz, PE	HCE	Water Resources	20%	25%	25%
Christine Miranda, PE	HCE	Water Resources	20%	30%	30%
Thomas Pierro, PE, DCE	CBI	Coastal and Marine Engineering	25%	30%	35%
Tara Brenner, PG, PE	CBI	Coastal and Marine Engineering	25%	30%	35%
Douglas Mann, PE, DCE	CBI	Coastal and Marine Engineering	25%	35%	35%
Jordon Cheifet, PE, CFM	CBI	Coastal and Marine Engineering	20%	30%	40%
Spencer Waganaar, EI	CBI	Coastal and Marine Engineering	25%	25%	35%

Tab 7: Transportation

Chapter 4 PROPOSAL RESPONSE REQUIREMENTS
7 - Transportation

A. EXPERIENCE

i. Identify each Professional Service discipline and/or sub-discipline in which Proposer wishes to be considered for award of an Agreement.

WGI wishes to be considered for the following disciplines:

(1) Engineering
(2) Surveying and Mapping
(3) Landscaping architectural design services
(4) Civil
(6) Structural
(7) Transportation
(8) Environmental / Natural Resources
(9) Water Resources/Stormwater Management (includes stormwater, potable water, reuse water, conveyance, supply, transmission, treatment, storage)
(10) Coastal and Marine Engineering

ii. Detailed narrative description documenting Proposer's overall Professional Services background and experience in each Professional Service discipline or sub-discipline in which Proposer wishes to be considered for award of an Agreement as follows:

a. Experience in the following:

(6) Transportation

TRANSPORTATION

WGI has worked throughout the state, meeting mobility challenges by designing safer, more affordable roadways. From $500 million interstate interchanges to two-lane rural roadways, our experience covers every aspect of a roadway project from planning through construction. We have also developed sound professional relationships with the regulatory agencies in the areas of highway/transportation design, site development, stormwater analysis/treatment, and utility coordination. We understand the importance of being responsive, providing clear communication to our clients, and representing them on issues affecting them. **WGI** has an exceptional history of providing roadway planning, design and construction-related services for numerous roadway projects throughout South Florida. Our client list includes the Florida Department of Transportation, Florida's Turnpike Enterprise, multi-modal agencies, special districts, counties, private developers and numerous large and small municipalities. This experience will be helpful for those projects within and adjacent to the state roadways located in the City.

ROADWAY DESIGN

As mentioned above, **WGI** has extensive roadway design experience throughout the state. In addition to our tremendous experience in the design of large, complex highway systems, **WGI** has the ability to design and permit local roadways similar those the City maintains. We understand that the roadway system within the City includes numerous areas that are within gated communities and the City is not responsible for the maintenance or repair of these roadways and their associated drainage. However, much of the City's publicly owned and maintained roadways are approaching 50 years of useful life and these roadways need attention. Our experience in other municipalities with similar or even older roadway systems, enables us to address and retrofit these roads to effectively reduce both reconstruction costs and future maintenance costs, while minimizing the impact to City residents.

SIGNAL DESIGN

WGI has designed signal improvements on hundreds of intersections in Florida for FDOT, counties and cities alike. We fully understand the importance of maintaining the optimal efficiency of operations within a network of traffic signals. In addition, we strive to help maintaining agencies implement the latest technologies available to enhance operations and improve safety, such as Advanced Dilemma-Zone Detection Systems and use of video imaging. In addition to full signal designs, we also employ engineers experienced in designing and analyzing

mast arm retrofits to effectively reduce the cost of signal modifications that often result in the widening or addition of turn lanes to an existing intersection condition.

LOCAL AGENCY PROGRAMS (LAP)

Local Agency Programs (LAP) and Utility Work by Highway Contractor (UWHC) Agreements are two programs available to local municipal governments that can be utilized for roadway improvements. **WGI** has extensive experience working with the FDOT and with the administration of these programs. If the needs arises, we will assist the City in addressing the strict requirements and extensive documentation to secure this funding.

CONSTRUCTION ADMINISTRATION AND BIDDING

WGI's construction administration services begin prior to breaking ground with constructability reviews to ensure projects are built economically and as planned. We provide our municipal clients with bidding assistance and contractor coordination and oversight. The project submittals and shop drawings process is diligently executed and accurately managed to confirm the procedures and materials meet the contract requirements. **WGI's** field engineers work closely with the owner and permitting agencies to verify the work is performed according to the contract plans, details, and specifications. During construction, and upon completion, we review record drawings prepared by the contractor, or prepare them ourselves, to verify the completed work is documented accurately. Finally, we prepare final project documents and submit certifications to the owner and permitting agencies.

TRANSPORTATION PLANNING

On a daily basis, **WGI** works on transportation planning and engineering issues related to comprehensive plans, Unified Land Development Codes (ULDC), Developments of Regional Impact (DRI), large scale and small scale comprehensive plan amendments, Land Use Plan amendments, re-zonings, and local and state transportation policies. We have the advantage of working with local governments on these types of projects, either as a consultant or as an applicant, from Jacksonville to the Florida Keys. Our firm has a vast working knowledge of local jurisdictional requirements and procedures pertaining to concurrency review and analysis.

Juan Ortega, PE, PhD, WGI's transportation/traffic engineer, is registered with the Florida State Board of Professional Engineers. He has extensive training and experience in the areas of transportation engineering and traffic studies and will assist the City with traffic engineering challenges resulting from rapid growth currently occurring in the City and surrounding communities. Juan is also qualified to perform warrant studies, having successfully performed numerous studies of this type in the past.

Working together, our team of planners and engineers has developed comprehensive land development and transportation solutions for our clients. We propose a comprehensive approach utilizing the engineers, planners, designers, and transportation planners to provide a practical and cost-effective solution, meeting the needs and requirements of the City. **WGI** has operating licenses for the latest transportation software required to perform any task, including ArcGIS, FSUTMS/Cube, HCS and Synchro.

b. Experience in other related services that complement the above referenced Professional Services.

SUBSURFACE UTILITY ENGINEERING (SUE)

With over 30 years of experience, **SUE Division Manager Erik Brueningsen, PE**, proficiently manages any utility locating or utility coordination task that may arise. The prime objective of any utility locating assignment is a well-documented, high quality deliverable completed on time and within budget. In this regard, **WGI's** approach to utility locating focuses on providing solutions to your utility concerns; not simply obtaining location coordinates. Each assignment is viewed individually to determine the best approach, in light of the overall project objective, so as to achieve a cost-effective and quality driven deliverable. Using the most current technology available and a "best practices" approach, our associates are trained to provide Quality Level investigations per the ASCE and FDOT current guidelines. Our in-house tools and extensive field experience are not the end of our investigations; our excellent relationships with area Utility Agency Owners (UAOs) serve to expedite requests for available records, permits and as-builts to supplement all field investigations. This leads to the highest possible likelihood that all facilities will be identified and located, then correlated to their respective owners. With three "Vac" trucks, a full range of professional utility support services, and experienced personnel highly trained in surveying and mapping, Ground Penetrating Radar (GPR), vacuum excavation, high-definition laser scanning,

Global Positioning Systems (GPS), Geographic Information Systems (GIS) and Computer Aided Design (CAD), **WGI** provides comprehensive services that are second to none.

UTILITY COORDINATION

WGI understands that effective utility coordination play a critical role in the successful completion of any project. **Robert Lowen**, 42 years of service for AT&T, and **Alan Boaz**, 33 years of service for FPL, provide a depth of resources and contacts that are unmatched in the industry. Our coordination efforts begin by completing a Sunshine State One Call of Florida (SSOCOF) design ticket, used to identify participating UAOs that have existing or potential interests within the project limits. We recognize that not every UAO is an active member of SSOCOF; therefore, we seek out other UAOs through points of contact with participating UAOs, the existing **WGI** Utility Database, **WGI's** history with ongoing and completed projects, and other available sources. Research will be conducted to obtain all executed utility work schedules, utility records or utility as-built prints, as well as all plans for other proposed improvements. All utility information collected from the UAOs and our own field investigation will be incorporated into project plans for identification and avoidance of utility conflicts.

An important aspect of utility certification is the complete documentation of the utility process and the deliverables. In every case, all final documents must be clear and concise without need for additional clarification. Emphasis is placed on utility conflict avoidance, an area in which we excel. Our roadway, utility design and construction experience, combined with our design-build problem solving, provides unique insight into the art and science of utility conflict identification and innovative design resolution.

The objective of this contract is to serve the City on a wide range of utility location and utility coordination assignments of varying complexity. The WGI Team was assembled for exactly this purpose. Schedule is paramount, immediate response is a priority, and providing the depth of resources to handle multiple simultaneous assignments is critical in ensuring that assignments are handled on time and within budget.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has diverse viewpoints and concerns on issues pertaining to their specific neighborhood needs. When the public is involved in the decision-making process, such input has a real potential to positively shape the final set of actions and outcomes. Equally important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Successful public participation activities are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. To that end, it is critical that all involved have a clear understanding of the project's goals, objectives and strategies.

WGI's planners and designers have in-depth experience with redevelopment activities that involve removing the social barriers implanted by the corridors within a community. An example of this local understanding is shared by **Jennifer Hofmeister, AICP, WGI's** public outreach coordinator and director of public planning. While a neighborhood planner for the City of Delray Beach, Jennifer was educated on the historical significance of Swinton Avenue during and post segregation. She was an advocate for the African-American neighborhoods, with regular attendance at neighborhood meetings, and worked alongside the residents in developing neighborhood plans and implementing neighborhood improvement projects. Similarly, Jennifer was the former project manager for the Pleasant City neighborhood and the Northwood District in the City of West Palm Beach. During her tenure with the West Palm Beach CRA, she served as the medium between the community and the CRA where she implemented programs to revitalize the area and redesign physical elements that represented social barriers within the community.

Jennifer currently oversees a four-year, $40M road program in the City of Lake Worth. As Lake Worth's Public Involvement Coordinator, she has developed an extensive Public Involvement Plan that serves as a guide for ongoing public participation throughout the design and construction of the road program. **WGI** developed and maintains a multi-lingual interactive website and hotline for the City of Lake Worth offering residents a point of contact and serving as an information center for public inquiry. The Coordinator role maintains consistency,

cohesiveness, and collaboration among City staff and consultants, resulting in the most effective public outreach and engagement process possible.

Additionally, **WGI** has been retained by the Westgate CRA to conduct a Westgate Corridor Streetscape Study, funded by the Florida Department of Economic Opportunity (FDEO). The Study will guide the development of a streetscape plan to improve walkability and other multi-modal transportation opportunities. Simultaneously, the goal of the plan is to beautify and enhance the area to attract new investment and promote economic development opportunities. As mentioned, a critical component to the success of any public project is participation from those most affected. For this effort, the public participation process incorporated a two-part planning design charrette that provided a forum for ideas and offered the unique advantage of giving immediate feedback to the **WGI** planners and designers. More importantly, it allowed everyone who participated to take part in authoring the plan.

Finally, **WGI** public outreach efforts include a citizen-driven "Complete Streets" project for one of West Palm Beach's premier gateways, Banyan Boulevard, in the downtown. The Banyan Boulevard Improvement Project is more than a physical redesign of a West Palm Beach downtown corridor. If properly executed, the project has the power to unite, physically and socially, historically significant West Palm Beach neighborhoods and business districts, and the people who reside and work within them. With that historical insight, the **WGI** Team approach is to bring our passion and expertise out to the community and, through the eyes of the residents, uncover a new gateway to the heart of the downtown.

c. WGI's awards, certifications, or other recognition received by Proposer relative to work on projects in the designated Professional Services.

WGI has won several engineering awards for both traditional design-bid-build projects as well as design-build projects. We pride ourselves on the accomplishments we have made in the design of our clients' projects.

Listed below are awards WGI has won in the past three years:

- ✓ 2014 Engineer's Council Distinguished Engineering Project Achievement Award – Big John Monahan
- ✓ 2014 Zweig White Hot Firm – A Top 100 Firm (#41)
- ✓ 2014 Zweig White "Best Firms to Work For" Award
- ✓ South Florida Business Journal – Top 25 Engineering Firms #6 (June 2014) (# of PEs)
- ✓ 2014 Inc. 500/5000 List - #3767
- ✓ 2014 DBIA Florida Project of the Year Award – Big John Monahan Bridge Replacement Design-Build
- ✓ 2014 DBIA Florida Best Overall Design-Build Project of the Year – Big John Monahan Bridge Replacement
- ✓ 2015 ACEC National Recognition Award – Big John Monahan Bridge Replacement
- ✓ 2015 Florida Institute of Consulting Engineers Grand Award – Big John Monahan Bridge Replacement
- ✓ 2015 ENR Top 500 Design Firms - #338
- ✓ 2015 ENR Southeast Top Design Firms - #24
- ✓ 2015 Zweig Group Top 100 Fastest Growing Companies - #39
- ✓ 2015 Zweig Group Best Firms to Work For - #42
- ✓ 2015 South Florida Business Journal Top 100 Fastest Growing Companies - #70
- ✓ 2015 South Florida Business Journal Top 25 Engineering Firms - #6
- ✓ 2015 Inc. 5000 Fastest Growing Private Companies - #3425

- ✓ 2015 South Florida Business Journal Fast 50 Honoree - #12
- ✓ 2015 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue - #23
- ✓ 2016 South Florida Business Journal Top 100 Fastest Growing Companies - #60
- ✓ 2016 South Florida Business Journal Top 25 Engineering Firms - #10
- ✓ 2016 ENR Top 500 Design Firms - #253
- ✓ 2016 ENR Southeast Top Design Firms - #17
- ✓ 2016 Zweig Group Hot Firms List (Top 100 Fastest Growing Companies) - #5
- ✓ 2016 Zweig Group Best Firms to Work For - #19
- ✓ 2016 Zweig Group Marketing Excellence Award – 1st place in Internal Marketing; 2nd place in Integrated Marketing
- ✓ 2016 Zweig Group Trifecta Award
- ✓ 2016 South Florida Business Journal Fast 50 Honoree - #7
- ✓ 2016 Inc5000 - #1609
- ✓ 2016 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue
- ✓ 2016 DBIA Florida Honor Award for US 41 from SR 951 to Greenway Road Design-Build
- ✓ 2016 Statewide Business Journal Fast 100 List - #37
- ✓ 2017 University of Florida Gator 100 Fast Growing Companies - #29
- ✓ 2017 South Florida Business Journal Top 25 Engineering Firms - #5

iii. Submit five client references for whom Proposer has provided Professional Services similar to those specified in this RFQ in the past five years and who are agreeable to respond to a request from the City regarding proposer's experience.

REFERENCE 1 - Australian Avenue at Palm Beach Lakes Boulevard Intersection Improvements

a. Organization name: Palm Beach County – Roadway Production Division
b. Contact name(s): Kathleen O. Farrell, PE, Thoroughfare Roads Section Manager
c. Contact email address: kfarrell@pbcgov.org
d. Address: 2300 North Jog Road, 3rd Floor West, West Palm Beach, Florida 33411
e. Telephone and fax numbers: Phone: 561-684-4150 Fax: 561-684-4166
f. Dates of service (start/end): From: 05/2016 To: 07/2017
g. Scope (Type of Professional Service provided): The project consists of the construction of an eastbound turning lane on Palm Beach Lakes Boulevard between Australian Avenue and Carver Avenue, and drainage improvements on the west side of Australian Avenue and south side of Palm Beach Lakes Boulevard. The main objective of the drainage improvements is to provide relief to the existing drainage outfalls south of the intersection of Australian Avenue and Palm Beach Lakes Boulevard. This will be accomplished by reconstructing part of the existing drainage trunk line south of the intersection and routing collected stormwater east to the Carver Canal via a new larger drainage trunk line along the south side of Palm Beach Lakes Boulevard. Anticipated limits of drainage improvements along Australian Avenue are from south of 10th Street to Palm Beach Lakes Boulevard.

REFERENCE 2 - Congress Avenue Widening from Hypoluxo Road to Lantana Road

a. Organization name: Palm Beach County – Roadway Production Division
b. Contact name(s): Kathleen O. Farrell, PE, Thoroughfare Roads Section Manager
c. Contact email address: kfarrell@pbcgov.org
d. Address: 2300 North Jog Road, 3rd Floor West, West Palm Beach, Florida 33411
e. Telephone and fax numbers: Phone: 561-684-4150 Fax: 561-684-4166
f. Dates of service (start/end): From: 09/2010 To: 11/2011
g. Scope (Type of Professional Service provided): This project consisted of widening Congress Avenue from a 4-lane roadway to a 6-lane urban roadway from Hypoluxo Road to Lantana Road (1.3 miles). The design included appropriate stormwater management facilities and other services included roadway, drainage and permitting, utilities, signing and marking, and structural. This project was never constructed due to funding shortfalls

REFERENCE 3 - Mack Dairy Road Reconstruction from Indiantown Road to Old Indiantown Road

a. Organization name: Martin County Board of County Commissioners, Engineering Department
b. Contact name(s): George Dzama, PE, Capital Projects Manager
c. Contact email address: gdzama@martin.fl.us
d. Address:2401 SE Monterey Road, Stuart, Florida 34996
e. Telephone and fax numbers: Phone: 772-463-2837 Fax: None
f. Dates of service (start/end): From: 08/2016 To: 06/2017
g. Scope (Type of Professional Service provided):The project consists of milling and resurfacing with widening on Mack Dairy Road between Indiantown Road and Old Indiantown Road. This section of Mack Dairy Road is currently two 10' lanes sloped towards the east with no shoulders present. The proposed typical section will include two 12' lanes with two 8' paved shoulders to comply with Florida Greenbook and Palm Beach County standards in order for Martin County to transfer the roadway to Palm Beach County. The entire proposed pavement width will be sloped to the east where a treatment swale shielded by guardrail is proposed. The widening will be performed on the east side of Mack Dairy Road. Additional improvements include reconfiguring the Mack Dairy Road / Old Indiantown Intersection as needed to properly align the newly widened section. WGI services include roadway and drainage design and plans development in addition to environmental permitting. This project was completed under WGI's Continuing Transportation Engineering Services contract with Martin County.

REFERENCE 4 - Farm Road Reconstruction

a. Organization name: Martin County Board of County Commissioners, Engineering Department
b. Contact name(s): George Dzama, PE, Capital Projects Manager
c. Contact email address: gdzama@martin.fl.us
d. Address:2401 SE Monterey Road, Stuart, Florida 34996
e. Telephone and fax numbers: Phone: 772-463-2837 Fax: None
f. Dates of service (start/end): From: 06/2016 To: 11/2016
g. Scope (Type of Professional Service provided):The project consists of the restoration and/or reclamation of approximately 4.75 miles of SW Farms Road, located in Indiantown, Florida, under Martin County's new Infrastructure Reinvestment Program. The project limits begin at the canal located approximately 1.75 miles west of the intersection of SW Farms Road and Silver Fox Lane and extend east to the intersection of SW Farms Road and Railroad Avenue.

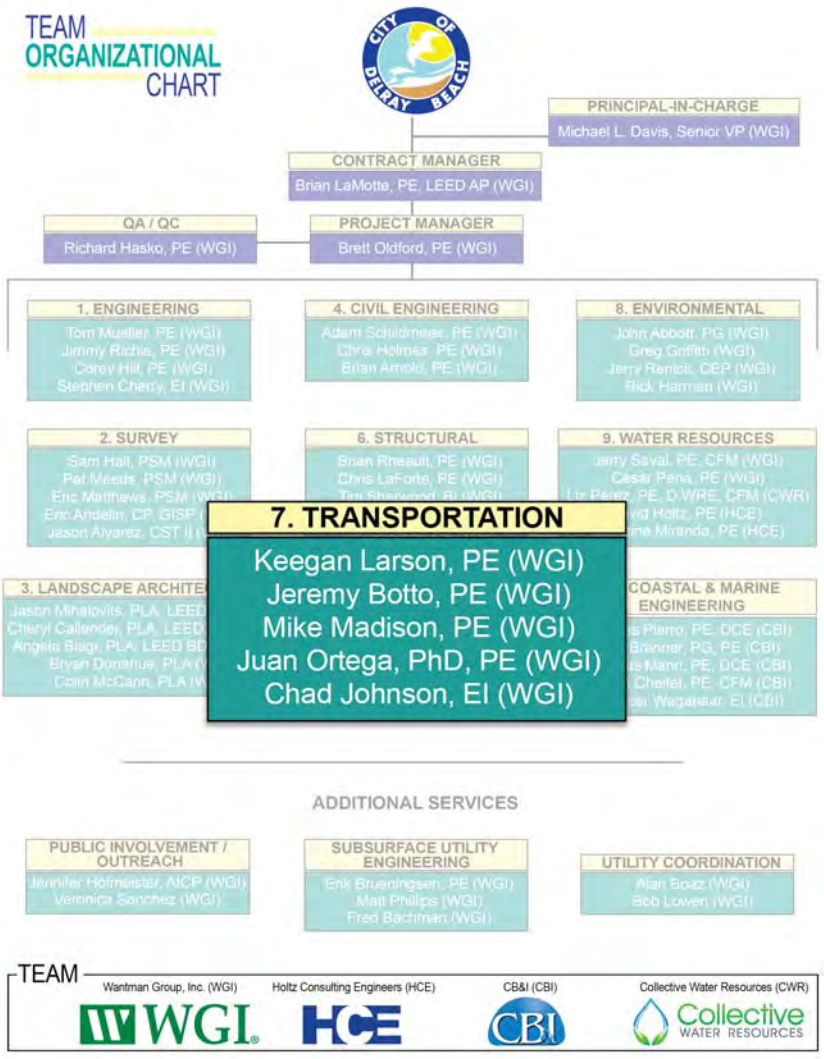
REFERENCE 5 - City of West Palm Beach Continuing Services

a. Organization name: Northern Palm Beach County Improvement District
b. Contact name(s): Erik D. Ferguson, PE, Senior Project Engineer
c. Contact email address: eferguson@wpb.org
d. Address:401 Clematis Street, 4th Floor, West Palm Beach, Florida 33402
e. Telephone and fax numbers: Phone: 561-494-1092 Fax: N/A
f. Dates of service (start/end): From: 02/2017 To: Ongoing
g. Scope (Type of Professional Service provided): WGI provides a wide range of program management, engineering, surveying, architectural, landscaping, technical, Geographic Information System (GIS), management, and administrative services as needed to assist in executing projects. WGI supports the City of West Palm Beach Engineering Department in design, permitting and construction services.

iv. Submit the following information documenting experience of the key personnel proposed by Proposer to include, but not limited to the following:

a. List of up to five key personnel who are proposed for work on this project to include any subcontractors.

- ✓ Keegan Larson, PE (WGI)
- ✓ Jeremy Botto, PE (WGI)
- ✓ Mike Madison, PE (WGI)
- ✓ Juan Ortega, PhD, PE (WGI)
- ✓ Chad Johnson, El (WGI)



b. Provide the role of each of the above referenced personnel within the provision of services.

- ✓ Keegan Larson, PE (WGI) - technical lead for transportation
- ✓ Jeremy Botto, PE (WGI) - senior professional engineer for transportation
- ✓ Mike Madison, PE (WGI) - senior professional engineer for transportation
- ✓ Juan Ortega, PhD, PE (WGI) - traffic engineering technical lead for transportation
- ✓ Chad Johnson, EI (WGI) - signalization engineer for transportation

c. For each key personnel listed above, provide a resume/bio of the individuals experience, qualifications, work history, education and any related licenses and certifications.

(see the following pages)

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RELEVANT EXPERIENCE

Atlantic Avenue at Jog Road, Palm Beach County, Ascot Development, Design Engineer. Keegan was responsible for design and plans preparation of roadway and signing and marking plans. He also assisted in coordination with multiple subconsultants and permit/regulatory agencies. This project consisted of adding additional right-turn lanes at the intersection of Atlantic Avenue with Jog Road in Palm Beach County to provide vehicular operational improvements at this location

Delray Marketplace TMD, Kite Realty Group, Project Engineer. This project consisted of site development for a 36-acre commercial development, including design of the water distribution and sewage collection systems, stormwater drainage system, paving, and grading design. Services also included permitting, coordination with the developer and various other ongoing developments within the immediate area, including various governmental agencies.

Fountains East, Palm Beach County, John Kennelly, Design Engineer. Keegan is responsible for managing the off-site roadway and signalization at the site's main access point along Jog Road. WGI was contracted to provide survey, engineering, permitting and construction phase services for the development of a 25-acre commercial parcel located at the northeast corner of Boynton Beach Boulevard and Jog Road. The site includes five entrances, two located on Boynton Beach Boulevard (an FDOT- owned right-of-way) and three located on Jog Road. One of the Jog Road entrances included the design and permitting of a full movement signalized intersection. The commercial uses within the development include a convenience and gas station, car wash, bank, the internal spine roadway system, and open space and stormwater management tracts.

Golden Glades Sound Walls and Bridge Painting, Miami-Dade County, Florida's Turnpike Enterprise, Project Engineer. Keegan assisted with the development of roadway and signing and marking plans. This project involved the preparation of separate sets of plans and specifications for two improvements. The first improvement included the extension of sound barrier walls (about 1,400 feet) on both sides of the Spur of Florida's Turnpike (SR 91) just north of the Golden Glades toll plaza. The second improvement included repainting of the entire structural steel superstructure of the Turnpike bridge over Miami Gardens Drive near milepost 0.55. In addition, a Class V finish was applied to the exposed concrete surfaces of the bridge, retaining walls, barrier walls, and concrete slope pavement in accordance with a color scheme previously approved by the City of Miami Gardens.

Jupiter Country Club - Indiantown Road, Palm Beach County, Toll Brothers, Inc., Design Engineer. Keegan was responsible for design and plans preparation of roadway and signing and marking plans. He also assisted in coordination with multiple subconsultants and permit/regulatory agencies. This project consisted of the widening of Indiantown Road, from four to six lanes, near the Toll Brothers development (Jupiter Country Club) to accommodate additional traffic demands associated with anticipated land development activities. In addition, a concrete box culvert tunnel was designed to provide safe access across Indiantown Road because the development is located both north and south of this facility. An over-road structure was also analyzed as an alternative to the tunnel.

Keegan Larson, PE

Transportation

PROFESSIONAL PROFILE:

Keegan currently serves as a project manager for WGI. Since beginning his career in 2003 with WGI, he has worked on a wide variety of roadway design projects for a number of clients, including FDOT District IV, Florida's Turnpike Enterprise and Palm Beach County Roadway Production. He has developed an extensive range of project management skills and a diverse background in a number of transportation related disciplines, including roadway design, temporary traffic control signing and marking, signalization, tolling facilities and ITS.

REGISTRATIONS:
Professional Engineer: Florida #69176, 2009

CERTIFICATIONS:
Advanced Maintenance of Traffic, 2012

EDUCATION:
Bachelor of Science, Civil Engineering - Purdue University, 2003

AFFILIATIONS:
Florida Engineering Society

National Society of Professional Engineers

TOTAL YEARS EXPERIENCE: 13

WGI

RELEVANT EXPERIENCE

Florida's Turnpike Resurfacing, Broward, Palm Beach and Osceola Counties, Florida's Turnpike Enterprise, Design Engineer. Jeremy provided plans production of roadway plans and computation books. This project consisted of milling and resurfacing and cross slope correction for 24 miles of the Turnpike mainline in Broward, Palm Beach and Osceola counties. The project also included the addition of shoulders to the Commercial Boulevard, Sunrise Boulevard, and Lake Worth Road interchanges, as well as traffic control plans for temporary closure of the Lake Worth Road interchange, access to the West Palm Beach Service Plaza and joint seal replacements for asphalt-overlaid decks on the Mid-River Canal and Plantation Canal bridges.

Florida's Turnpike/Lake Worth Road Interchange Improvements, Palm Beach County, Design Engineer. Jeremy provided roadway and traffic control plans. This project consisted of modifications to the northbound and southbound entrance ramps at the Lake Worth Road interchange. The work included widening the existing bridge over the E-2 Canal and ramp widening of the southbound entrance ramp between the toll plaza and the bridge over the Turnpike mainline. The northbound on-ramp was realigned between the E-2 Canal and the mainline gore to alleviate an abrupt merging condition north of the existing toll plaza.

Florida's Turnpike Widening - North of Atlantic Avenue to the Lantana Toll Plaza, Palm Beach County, Florida's Turnpike Enterprise, Palm Beach County, Design Engineer. Jeremy provided traffic control plans and post-design support during construction for this project that included widening, milling and resurfacing, and reconstruction of Florida's Turnpike from four to six lanes for approximately seven miles. Improvements also included ramp modifications at the Boynton Beach interchange and bridge widening and/or reconstruction at the L-30 and Boynton Beach Canal crossings. Design survey efforts also included locating all underground utilities using subsurface utility engineering (SUE) techniques. SUE work included 100-foot interval locates on two high-pressure regional transmission gas lines. Surveys included GPS control, bench levels, aerial targets for fixed wing and LAMP, bridge surveys, channel surveys, drainage surveys and right-of-way maps.

Landscaping Design Services/Turnpike, Design Engineer. Jeremy provided traffic control plans as well as assistance in the assembly and delivery of the completed plan set. This project consisted of the preparation of plans and specifications for landscaping and fully automatic irrigation systems at seven ramp toll plaza locations on Florida's Turnpike. The improvements provided a buffer around parking and utility areas, eye level accents at the toll plazas, and vertical landscape relief to mitigate the visual effects of the tall toll plaza buildings and canopies.

Palmetto Park Road and SW 18th Street Bridge Retrofit, Palm Beach County, Palm Beach County Engineering, Project Manager. As project manager, Jeremy was responsible for the traffic control design and plans permitting through Florida's Turnpike Enterprise. This Palm Beach County project involved bridge parapet/railing retrofits over Florida's Turnpike. The bridge parapets/railings of four existing structures, two on Palmetto Park Road and two on SW 18th Street, were evaluated to determine their conformance with current design standards. All parapets/railings were suspected to be deficient and resulted in the need to develop plans to retrofit the parapets/railings to meet standards.

Jeremy Botto, PE

Transportation

PROFESSIONAL PROFILE:
Jeremy is an experienced roadway engineer specializing in roadway design, traffic control, utility coordination and plans production. Jeremy has worked closely with construction field crews to develop his traffic control knowledge, which translates into optimal maintenance of traffic that not only facilitates faster construction, but also maintains a high standard for safety. He is frequently called upon to provide his clients with a cost-effective approach that meets or exceeds current standards.

REGISTRATIONS:
Professional Engineer: Florida #63950, 2006

CERTIFICATIONS:
Advanced Maintenance of Traffic

EDUCATION:
Bachelor of Science, Civil Engineering - University of Florida, 2001

AFFILIATIONS:
Florida Engineering Society

TOTAL YEARS EXPERIENCE: 16

WGI

RELEVANT EXPERIENCE

SR 806 (Atlantic Avenue) from Florida's Turnpike to Jog Road, Palm Beach County, Palm Beach County Roadway Production, Project Engineer. Mike was involved in the drainage design for this roadway widening of a 4-lane urban/ suburban facility to a 6-lane divided, urban facility, for a 1.6-mile corridor. The project also included dry treatment and attenuation within an adjacent roadside ditch, piping of the Lake Worth Drainage District L-34 Canal, bridge replacement, PD&E re-evaluation, noise walls, utility relocation, and public involvement workshops. Elements of work included roadway design, drainage plans/design and permitting, signalization, signing and marking, canal relocation, traffic control, geotechnical, structures, subsurface utility locates, survey, post design services and as-built drawings.

Suncoast Parkway at Lutz Lake Fern Road Interchange, Hillsborough County, Florida's Turnpike Enterprise, Project Engineer. Mike prepared drainage design, spread analysis and the drainage map for this Design-Build project which included the design and construction of a new partial cloverleaf interchange connecting Lutz Lake Fern Road with the Suncoast Parkway in Hillsborough County. Because the County widening of Lutz Lake Fern Road coincided with the interchange project, close coordination was required to ensure the two projects successfully opened on time. The work included roadway design, drainage, permitting, survey, lighting, signalization, signing and pavement marking, and landscaping.

Okeechobee Boulevard Pedestrian Bridge Traffic Control Plans, Palm Beach County, Florida's Turnpike Enterprise, Project Engineer. Mike assisted with the roadway and traffic control design for this project consisting of the development of plans to address construction of two pedestrian bridges adjacent to Okeechobee Boulevard spanning Florida's Turnpike. The traffic control plans included general notes, details and roadway plan schematics that outlined a sequence of construction acceptable to both Palm Beach County and Florida's Turnpike Enterprise.

Northlake Boulevard at C-17 Canal Bridge Repairs, Palm Beach County Roadway Production, Project Engineer. Mike assisted with the design for this project involving survey and roadway design services associated with the development of a roadway plan, profile sheets and traffic control plans for Northlake Boulevard bridge repairs over the C-17 Canal. Two of the three lanes in each direction were maintained throughout the duration of construction.

Roebuck Road Extension from SR 7 to Jog Road, Palm Beach County Roadway Production, Project Engineer. Mike worked closely with multiple subconsultants to coordinate several disciplines. This project consisted of the design for the 3.1-mile extension of Roebuck Road, a 4-lane divided urban arterial, from SR 7 to Jog Road. An enclosed drainage system was designed to accompany existing stormwater management facilities that account for the new roadway. New stormwater management facilities were designed via roadside swales wherever necessary. Additional design efforts included permitting through multiple agencies, extensive environmental research as part of an avoidance/minimization effort, utility coordination, design and sizing of wildlife crossings, retaining walls, signing and pavement markings, signals, survey, and geotechnical investigations.

Mike Madison, PE

Transportation

PROFESSIONAL PROFILE:
Mike is a talented project manager and engineer with more than nine years of management and design experience in the state of Florida. He has played an integral role in the success of a number of conventional and design build projects. Mike's skill set includes project management, roadway design, traffic control, drainage analysis, and utility coordination. His involvement on a project consistently produces timely submittals and error free deliverables.

REGISTRATIONS:
Professional Engineer: Florida #75434, 2013

CERTIFICATIONS:
Advanced Maintenance of Traffic

EDUCATION:
Bachelor of Science, Civil Engineering - Florida State University, 2007

AFFILIATIONS:
Florida Engineering Society

TOTAL YEARS EXPERIENCE: 9

WGI

RELEVANT EXPERIENCE

West Lake Worth Road Corridor Master Plan, Palm Beach County, Traffic Planner. The West Lake Worth Road Corridor was the largest undeveloped tract of land within the Urban Services Boundary in Palm Beach County, consisting of approximately 600 acres. This Corridor is an area defined generally by the L-11 Canal to the north, Florida's Turnpike to the east, the L-14 Canal to the south and SR 7 to the west. The Lake Worth Road Coalition was created by residential communities in response to the increasing pressures for development within the Corridor. Juan worked with the Coalition and Palm Beach County staff to develop a master plan and design guidelines to ensure future development is designed and constructed in a manner that is consistent with the character and vision of the surrounding communities. He represented property owners in the land use amendment process and evaluated alternatives to the 2030 Long Range Transportation Plan to identify the project's impact.

Traffic Performance Standards Geodatabase, Palm Beach County, Traffic Planner. Juan supported Palm Beach County (PBC) with quality control and quality assurance for the Palm Beach County Traffic Performance Standards (TPS) database development. The TPS database is a Geographic Information System application that supports the traffic concurrency application process, and functions as a decision support system providing PBC Traffic Division and Traffic consultants with cutting-edge technology to monitor the existing and approved traffic in each roadway link and intersection of PBC major thoroughfare roads.

Traffic Engineering & Transportation Planning in Southeast Florida. Juan has coordinated, supervised, and/or prepared over 250 transportation studies in Palm Beach County for a total of over 400 transportation studies in southeast Florida. One of these traffic studies was the Traffic Concurrency analysis for the West Palm Beach FPL Command Center. These Traffic/Transportation Engineering Studies include traffic data collection, coordination, and analysis; Geographic Information System (GIS) analysis; traffic operations studies; trip generation; trip distribution; parking analysis; roadway and intersection level of service analysis; arterial analysis; travel demand forecasting (modeling); and other level of service determinations as required.

Transportation GIS, Palm Beach County, Indian Trail Improvement District (ITID), Traffic Planner. Evaluation of existing and future traffic conditions of the major roadways located within the ITID. Coordination of 3-day data collection of traffic volumes and travel speeds which were included in a Transportation-GIS that was then merged into the existing ITID GIS. Currently, this system is being used to design the ITID Safety Transportation Plan. The legislative boundaries of the ITID include 17,000 developed lots encompassing a 110+ square mile area.

Lake Worth Corridor Analysis, Palm Beach County, Traffic Planner. As required in the Land Use Amendment process, evaluation of the Long Range Transportation impact for 2030 and 2035 in order to develop a Master Plan for the largest undeveloped tract of land within the Urban Services Boundary in PBC, consisting of approximately 600 acres.

Regional Economic Development GIS, Palm Beach County, Palm Beach County Roadway Production, Traffic Planner. Juan designed a GIS application to incorporate a hierarchy of "Shovel Ready" projects and parcels in Palm Beach County. The system includes information on land use, zoning, site plan, conceptual architecture, traffic concurrency, environmental permits, final engineering and plat approvals.

Juan Ortega PhD, PE

Transportation

PROFESSIONAL PROFILE:

Juan has extensive local, national, and international experience in land use and transportation planning. His expertise includes design, coordination, and implementation of multidisciplinary projects including policy and systems planning, transportation statistical analysis, travel demand forecasting, Intelligent Transportation Systems (ITS), and Geographic Information Systems (GIS).

REGISTRATIONS:

Professional Engineer: Florida #63422, 2005

Professional Engineer: Illinois #062.057184, 2003

EDUCATION:

Doctor of Philosophy, Transportation Planning and Engineering - University of Illinois, 2004

Master of Science, Civil Engineering - University of Illinois, 2000

Bachelor of Science, Civil Engineering - Universidad Industrial de Santander, 1996

TOTAL YEARS EXPERIENCE: 20

WGI

RELEVANT EXPERIENCE

SW 216th Street Signalization at Homestead Extension of Florida's Turnpike, Miami-Dade County, Florida's Turnpike Enterprise, Engineer Intern. Chad designed the signalization, conducted utility coordination, and provided minor roadway and striping modifications. This project consisted of preparation of construction plans for the signalization of two intersections on SW 216th Street at the entrance and exit ramps of the Homestead Extension of Florida's Turnpike (HEFT) in Miami-Dade County. Design included full activation signalization, signal coordination, signing, and pedestrian signal features at both intersections. The project also included design-compliant curb ramps and pedestrian pavement markings.

Golden Glades Tandem Truck Staging Lot Relocation on Florida's Turnpike Spur, Miami-Dade County, Florida's Turnpike Enterprise, Engineer Intern. Chad was responsible for minor roadway and drainage improvements, signalization design, signing and pavement marking improvements, utility coordination, traffic control, and landscape design. This project involved the preparation of plans and specifications for the relocation of an existing tandem truck staging lot located just south of the Golden Glades toll plaza on the Spur of Florida's Turnpike (SR 91) to a new location at the Golden Glades interchange. The proposed improvements included the design of a tandem truck staging lot, turn lane and ramp improvements at the interchange, and signalization improvements at the entrance to the new lot. WGI completed a detailed analysis of the turning paths of tandem trucks along the new route to ensure proposed improvements provided adequate space to safely maneuver tandem trucks (two 48-foot containers). Signalization design required local agency coordination. Subsurface utility engineering was used to determine locations of existing utilities in order to avoid conflicts.

Lyons Road Design Improvements, Palm Beach County Roadway Production, Ascot Development, Project Manager. Chad was responsible for layout of roadway geometrics, drainage, utility coordination, signalization, and pavement marking plans. This project consisted of improvements to Lyons Road from Atlantic Avenue to a point 0.5 miles north of Atlantic Avenue. The roadway consisted of a 2-lane divided, suburban typical section within a 110-foot right-of-way with 100-foot rural parkway easements on either side of the roadway. Specific improvements included reconstruction of the existing roadway to a two-lane, undivided urban roadway with future considerations to accommodate an ultimate four-lane, divided urban roadway. Drainage, signing and pavement marking and signalization design was also part of the scope. In addition, right-of-way acquisition and/or dedications were required to complete this project

SR 806 (Atlantic Avenue) from Florida's Turnpike to Jog Road, Palm Beach County, Palm Beach County Roadway Production, Engineer Intern. Chad was responsible for layout of roadway geometrics, drainage, utility coordination, signalization and pavement marking plans. This project included the widening of a 4-lane urban/suburban facility to a 6-lane divided, urban facility, widening and reconstruction, milling and resurfacing for a 1.6-mile corridor. The project also included dry treatment and attenuation within an adjacent roadside ditch, piping of the Lake Worth Drainage District L-34 Canal, bridge replacement, PD&E re-evaluation, noise walls, utility relocation and public involvement workshops. Elements of work included roadway design, drainage plans/design and permitting, signalization, signing and marking, canal relocation, traffic control, geotechnical, structures, subsurface utility locates, survey, post design services, and as-built drawings.

Chad Johnson, EI

Transportation

PROFESSIONAL PROFILE:
Chad has a strong background in design for roadway, signing and pavement marking, signalization, traffic control and plans production for a variety of projects for state, municipal and private development clients. Chad's experience encompasses a variety of highway and expressway and local facilities.

REGISTRATIONS:
Engineer Intern: Florida #1100009427, 2004

EDUCATION:
Bachelor of Science, Civil Engineering - University of North Carolina at Charlotte, 1999

AFFILIATIONS:
Florida Engineering Society

TOTAL YEARS EXPERIENCE: 16

WGI

B. APPROACH TO PROJECT MANAGEMENT -

i. Provide a detailed narrative description of the proposed approach and methodology for engaging with City representatives while in the course of performing the duties.

The **WGI** Team has an exceptionally strong project management approach that is time tested and proven successful over a 45-year history. When authorized by the City of Delray Beach (City), **WGI** will provide the necessary professional personnel, equipment, technology and management expertise to accomplish all tasks assigned under this contract. Our staff is accommodating, and with our commitment to technology and ability to utilize the specialized equipment at our disposal, no assignment is beyond our capability. In order to properly address permitting, design, environmental, drainage, and private property ownership issues, as well as conduct an effective public outreach effort, a well-defined approach needs to be implemented and adhered to. Throughout the design process, WGI will continually communicate and solicit feedback from City representatives in order to meet the City's goals and objectives.

ii. Describe in detail Proposer's approach to the design of projects.

Project Manager Brett Oldford, PE understands that any successful project starts with a well thought out, comprehensive, and detailed scope. Prior to having a formal written contract, a significant effort must be employed to identify critical path items, potential project issues, data gaps, communications protocols, deliverables, and project schedules. This effort takes time and dedication; however, **WGI** has proven time and time again that the benefits of planning the project correctly pay significant dividends, not only throughout the design phase, but more importantly, throughout the construction phase as well.

To that end, the following steps will be taken prior to the finalization of the project service authorization:

1. Perform a site visit with City representatives prior to the development of the project scope;
2. Outline project objectives after the site visit (within 24 hours) and provide to the City for review and comment;
3. Develop a draft project scope incorporating the approved outlined project objectives and provide to the City for review and comment;
4. Coordinate with City staff to ensure the scope and deliverables are in compliance with the established schedules and budget; and
5. Finalize project scope.

The tasks below represent our typical comprehensive approach for the successful completion of a project. Individual tasks may not apply to every project depending on their size and complexity.

Initial Phase – Project Development

- Schedule a design kick-off meeting with staff and subconsultants to define the communications protocol and confirm complete understanding of the scope of services, schedule and budget;
- Coordinate engineering design activities including surveys, inspections and evaluations, collection of data, engineering feasibility reports and studies, and cost estimates. Utility coordination with providers such as FP&L, CATV, and others must occur during this step to identify potential conflicts and to define the resolution of those conflicts;
- Coordinate with subconsultants on their role and communicate plan expectations, including deliverables, timing of submittals, and budgetary constraints;
- Complete any necessary field surveying including, but not limited to, establishing a primary horizontal and vertical control network utilizing either conventional or GPS methodology, and performing a topographic survey utilizing either Total Station with data collectors or GPS equipment that meets minimum technical standards;
- If necessary, perform subsurface utility evaluations, using WGI's latest "soft dig" and ground penetrating radar technology. The data is then incorporated into the survey;
- Meet with City staff to review the preliminary findings and discuss the approach to the project from the information gathered in this phase; and
- Define the scope and scheduling for the public outreach for the program.

Preliminary Design Development of Plan/Report – (30% Phase)

- Prepare preliminary (30%) design plans and/or reports which include supporting calculations, cost estimates, and a schedule;

- Conduct pre-application meetings with regulatory agencies;
- Initiate a peer review of the 30% plans and incorporate comments into the plans or report;
- Coordinate with subconsultants to establish the scope of deliverables and timing of submittals;
- Meet with City staff to present the 30% plans, reports and preliminary calculations, and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Conceptual Development of Plan/Report – (60% Phase)

- Prepare 60% design plans/reports including supporting calculations, specifications, construction cost estimates, and a schedule. This phase will incorporate comments received from the City in the 30% conceptual design phase, including input and permit requirements/conditions from the regulatory agencies;
- Prepare and coordinate legal documents and exhibits that will be needed for construction, ingress/egress, or infrastructure improvements.
- Perform peer review and quality control review on plans/reports, calculations, and specifications;
- Prepare and submit permit applications to required agencies. WGI incorporates a systematic approach to permit follow-up and tracking. We pride ourselves on our ability to address permit issues and secure permits in a timely manner;
- Address all comments received from the permitting agencies and make the required changes to the plan and supporting documents to secure the permits. WGI will always keep the best interests of the City in mind when negotiating with the regulatory agencies. We have the experience and expertise to know when a regulatory requirement is arbitrary and capricious and will do everything we can do to protect the City and mitigate any unnecessary requirements placed in the permits;
- Meet with the City staff, if necessary, and present the 60% plans/report and preliminary calculations and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Final Design Development of Plans/Report – (100% Phase)

- Prepare final (100%) documents including final reports, bid tabulation forms, specifications, plans, calculations, and final cost estimates. This phase will incorporate comments received from the City in the 60% design phase, including input received from the regulatory agencies;
- Perform a final peer review and quality control review on plans/reports, calculations and specifications;
- Secure all permits and inform the City of any special conditions or conditions that may affect the schedule or budget;
- Meet with the City Staff to discuss the final plans/reports and permits and discuss how they will affect the implementation of the project;
- Finalize and coordinate easements and exhibits necessary for the project;
- Assist the City in preparing final bid documents and establish timeframes for when the project will be initiated; and
- Present project before the City Commission.

iii. Narrative that demonstrates working knowledge and understanding of the Professional Services requirements in this RFQ.

WGI has successfully worked with the City of Delray Beach for years. Our in-depth knowledge of the character and uniqueness of the City includes the intrinsic differences between its neighborhoods and the vision and intent the City's administrative staff has adopted with the approval of the Complete Streets Policy in November of 2016.

We understand that the projects included in this contract will cover all aspects of the City's municipal infrastructure, including complete neighborhoods, utilities, stormwater, parks, seawalls, structural inspections, coastal and environmental design, transportation and traffic studies, and CEI services.

The City is empowered with the fiduciary responsibility to provide its residents with services that support safe, efficient, and practical solutions to their needs. In order to accomplish this, the City and consultants must reach out to the residents to both inform them of the project, as well as to solicit input that will help guide the design of the improvements.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has a diverse array of views and concerns on issues pertaining to their own specific neighborhood needs. When the public is involved in the decision-making process such input has a real potential to positively shape the final set of actions and outcomes for a project. As important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Public participation activities that have proven successful are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. Having said that, it is critical that all involved in the process have a clear understanding of the project's goals, objectives and strategies.

A Public Involvement Plan (PIP) is created and implemented to serve as a tiered and staged outreach approach to proactively engage a variety of audiences and to build ownership and support for a project. The PIP includes some or all of the following:

- Project logo and branding
- Stakeholder committee
- Newsletters, both electronic and paper, distributed to a database of impacted City residents and businesses that will include a calendar of events to keep the community apprised of upcoming events
- Collateral translated into Spanish and Creole
- Public workshops
- Grassroots community outreach
- Public outreach events
- Project website
- Social media and digital engagement, such as: Facebook, Twitter, LinkedIn, YouTube, and Pinterest
- Stakeholder interviews
- Database for outreach tracking
- A communication crisis plan to avert public conflicts and act decisively on threats to a safe environment

The **purpose of the PIP** is to ensure public participation is inclusive of all affected residents of the community. In doing so, special consideration must be given to reaching and involving the traditionally underserved, such as minority, low-income, disabled, those with language barriers, and others who are restricted from accessing information. Additionally, the scope of public involvement may differ with each project development study and should be adapted to the complexity of the project. The ultimate goal is to incorporate all people into the decision-making process, adjust to the community's needs, and solicit input throughout the life of a project. The **PIP** should also demonstrate how adjustments or accommodations were made to involve the public at each stage of the decision-making process. The PIP process generally consists of **four phases: global activities, design, construction and evaluation, and the public outreach activities will vary accordingly.**

iv. Details of how work under a Service Authorization will be implemented and how services will be provided.
Over the past decade, WGI has prepared countless Service Authorization proposals, which include the establishment of a comprehensive scope of work, detailed hourly labor breakdown, and a project schedule. The Service Authorization, in conjunction with the Master Contract, become the consultant's contract for services of the specific project.

The improvements for each project will be designed and implemented using WGI's proven project approach described above, allowing time in the schedule to include all data collection efforts, records research, design development, periodic reviews by City staff, and the critical process of public involvement.

v. Specify the location(s), including the complete physical address, where the work will be performed, including work performed by subcontractors, if applicable.
The entirety of the work under this contract will be performed by firms located in Palm Beach County. The address of WGI's corporate headquarters, and those of our subcontractors, are listed below.

WGI
2035 Vista Parkway
West Palm Beach, FL 33411

HCE
270 South Central Boulevard, Suite 207
Jupiter, Florida 33458

CB&I
2481 NW Boca Raton Boulevard
Boca Raton, Florida, 33431

Collective Water Resources
8461 Lake Worth Road #231
Lake Worth, Florida 33467

vi. Proposer shall thoroughly explain:

1. Its accessibility in the areas of availability for meetings, general communications, coordination, and supervision

In previous sections, WGI has stated our commitment to the City of Delray Beach under this contract, but the best evidence of this commitment is our track record with the City over the past decade. WGI staff will make adjustments to our schedule to eliminate conflicts and make ourselves available for any and all meetings with the City. Providing timely responses and being available outside of normal business hours is part of the WGI culture and is embraced by our associates. WGI understands that several of the City's staff members arrive early to work or stay after hours, so it's only appropriate that we make ourselves available as well.

WGI has several levels of supervision available, not only to associates providing services to the City, but to City staff as well. We routinely attend City meetings with at least two staff members and collaborate on project development with an active contract manager, as well as the project manager and design team.

2. Primary method for attending meetings and how much advance notice is required.

WGI attends meetings in person and is available to meet with a 24-hour notice, but has commonly attended meetings with City staff that have been scheduled the same day.

3. How the proposer physically plans on attending pre-scheduled meetings.

WGI will attend pre-scheduled meetings in person, with multiple staff members.

4. How the proposer plans on ensuring accessibility and availability during the term of the agreement.

With 180 staff members located in our West Palm Beach office, WGI commits to immediate accessibility and constant availability during the term of the agreement.

C. PROJECTS FOR SIMILAR SERVICES

List up to five projects that Proposer has provided Professional Services since September 1, 2011 to include the following information:

1. NE 2ND AVENUE, ROADWAY RESTORATION AND BEAUTIFICATION

i. Organization/Owner Name: City of Delray Beach
ii. Address: Delray Beach, Florida
iii. Project date (Start/End): 2014 to 2016
iv. Status of project: Design, Construction, Complete
v. Scope: Transportation, WGI served as the lead design engineer for the NE 2nd Avenue Roadway "Complete Street" Project and worked closely with the City of Delray Beach, the City of Delray Beach CRA and the Florida Department of Transportation (FDOT) on the reconstruction and roadway enhancements of this local arterial roadway located within a historical district of the City. Due to a significant portion of the funding coming from the FDOT Local Agency Program (LAP), WGI's project engineer was responsible for the coordination and specific deliverable requirements inherent in a LAP-funded project, and for ensuring all criteria and requirements of the LAP funding process were addressed and fully documented. The overall goal of the project was to enhance the roadway, which runs through a historical district, by designing into the plan traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks and landscaped bulb-outs. A unique feature in the design was the inclusion of green striped bicycle lanes to clearly designate the lanes which was a key requirement of the LAP funding.

WGI responsibilities included all aspects of the roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation, as well as the coordination of the LAP documentation which included the preparation of a Cultural Resource Assessment Study (CRAS) and an Environmental Resource Assessment report in conformance with the Federal Highway Administration (FHWA), Federal Transit Authority (FTA), and the FDOT Agency Operating Agreement.

2. ATLANTIC AVENUE WIDENING, WEST OF LYONS ROAD TO FLORIDA'S TURNPIKE

i. Organization/Owner Name: Palm Beach County Roadway Production
ii. Address: Palm Beach County, Florida
iii. Project date (Start/End): 2011 to 2013
iv. Status of project: Complete
v. Scope: Transportation,WGI was responsible for the design of Atlantic Avenue transforming it from a 2-lane rural section to a 4-lane divided section for a distance of over one mile. WGI services included horizontal and vertical geometrics for roadway widening, relocation of the existing Lake Worth Drainage District (LWDD) L-34 Canal, an enclosed drainage conveyance system, new mast arm signalization design at the Lyons Road intersection, environmental permitting, assistance with right-of-way acquisition and signing and pavement marking plans.

3. JOG ROAD EXTENSION, SR 710 TO NORTHLAKE BOULEVARD

i. Organization/Owner Name: Palm Beach County Roadway Production
ii. Address: Palm Beach County, Florida
iii. Project date (Start/End): 2011 to 2013
iv. Status of project: Design, Construction Completed
v. Scope: Transportation, This project consisted of the extension of Jog Road from SR 710 (Beeline Highway) to Northlake Boulevard, approximately 0.7 miles. This new section of Jog Road is a 2-lane divided roadway with provisions for a future ultimate 4-lane divided urban roadway.

WGI's efforts included roadway typical sections, horizontal and vertical alignments, closed drainage conveyance systems, use of existing stormwater management facilities, permitting through multiple agencies, extensive environmental research as part of an avoidance minimization effort, utility coordination and signal modifications.

Other services included the milling and resurfacing of portions of SR 710 and Northlake Boulevard; signalization and turn lane improvements at the intersections of SR 710 and Jog Road and Jog Road and Northlake Boulevard; and the realignment design of the Turnpike Connector Road..

4. TRAFFIC SIGNAL REPLACEMENT, NE DIXIE HIGHWAY AND SAVANNAH ROAD

i. Organization/Owner Name: Martin County Engineering Department
ii. Address: Martin County, Florida
iii. Project date (Start/End): 2014 - 2015
iv. Status of project: Design, Construction Complete
v. Scope: Transportation, WGI prepared construction plans and documents for the replacement of the existing traffic signal at the intersection of NE Dixie Highway/Cardinal Avenue at NE Dixie Highway/Savannah Road. The new signal replaced the existing span wire signal at the intersection of NE Dixie Highway/Cardinal Avenue at NE Dixie Highway/ Savannah Road. Existing poles and mast arms already in the possession of Martin County were incorporated into the proposed design. Services included roadway, signalization, signing and pavement marking, structural design, utility coordination and SUE.

5. ATLANTIC AVENUE WIDENING, WEST OF LYONS ROAD TO FLORIDA'S TURNPIKE

i. Organization/Owner Name: Palm Beach County Roadway Production
ii. Address: Palm Beach County, Florida
iii. Project date (Start/End): 2010 - 2013
iv. Status of project: Complete
v. Scope: Transportation, WGI was responsible for the design of Atlantic Avenue transforming it from a 2-lane rural section to a 4-lane divided section for a distance of over one mile. WGI services included horizontal and vertical geometrics for roadway widening, relocation of the existing Lake Worth Drainage District (LWDD) L-34 Canal, an enclosed drainage conveyance system, new mast arm signalization design at the Lyons Road intersection, environmental permitting, assistance with right-of-way acquisition and signing and pavement marking plans.

D. ORGANIZATIONAL STRUCTURE

i. Details of Proposer's staffing resources, at the location that will provide services to the City as well as corporately, by discipline and the number of personnel within each discipline.

WGI'S WEST PALM BEACH CORPORATE OFFICE WILL PROVIDE SERVICES FOR THE CITY.

• Administrative	36
• Biologist	1
• CADD Tech	9
• Civil Engineer	11
• Environmental Scientist	4
• Geologist	2
• Land Surveyor	60
• Landscape Architect	13
• Planner: Urban/Regional	9
• Structural Engineer	6
• Transportation Engineer	12
• Engineer Intern	14
• Other Employees	3
• TOTAL	180

ii. If Proposer's staffing resources includes sub-consultants, submit the name of the firm(s) who will perform each discipline. If more than one firm is listed for a discipline, then label which firm is the primary firm for that discipline. Firms may perform more than one discipline.

- **CB&I Environmental & Infrastructure, Inc.(CBI) will be providing Coastal & Marine Engineering under the direction of WGI.**
- **Holtz Consulting Engineers (HCE) and Collective Water Resources (CWR) will be providing Water Resources under the direction of WGI**

iii. Submit an organizational diagram clearly identifying key personnel as well as other staffing resources who will provide services to the City. For each individual in the organization diagram, include each individual's name, title, firm and their functional relationship to each other.

Please see Organization Chart on the following page.

[Remainder of the page intentionally left blank]

TEAM ORGANIZATIONAL CHART

PRINCIPAL-IN-CHARGE
Michael L. Davis, Senior VP (WGI)

CONTRACT MANAGER
Brian LaMotte, PE, LEED AP (WGI)

QA / QC
Richard Hasko, PE (WGI)

PROJECT MANAGER
Brett Oldford, PE (WGI)

1. ENGINEERING
Tom Mueller, PE (WGI)
Jimmy Richie, PE (WGI)
Corey Hill, PE (WGI)
Stephen Cherry, EI (WGI)

4. CIVIL ENGINEERING
Adam Schildmeier, PE (WGI)
Chris Holmes, PE (WGI)
Brian Arnold, PE (WGI)

8. ENVIRONMENTAL
John Abbott, PG (WGI)
Greg Griffith (WGI)
Jerry Renick, CEP (WGI)
Rick Harman (WGI)

2. SURVEY
Sam Hall, PSM (WGI)
Pat Meeds, PSM (WGI)
Eric Matthews, PSM (WGI)
Eric Andelin, CP, GISP (WGI)
Jason Alvarez, CST II (WGI)

6. STRUCTURAL
Brian Rheault, PE (WGI)
Chris LaForte, PE (WGI)
Tim Sherwood, BI (WGI)
Jeff Bergmann, PE (WGI)
Tim DeLand, PE (WGI)

9. WATER RESOURCES
Jerry Saval, PE, CFM (WGI)
Cesar Pena, PE (WGI)
Liz Perez, PE, D.WRE, CFM (CWR)
David Holtz, PE (HCE)
Christine Miranda, PE (HCE)

3. LANDSCAPE ARCHITECTURE
Jason Mihalovits, PLA, LEED AP (WGI)
Cheryl Callender, PLA, LEED, GA (WGI)
Angela Biagi, PLA, LEED BD+C (WGI)
Bryan Donahue, PLA (WGI)
Colin McCann, PLA (WGI)

7. TRANSPORTATION
Keegan Larson, PE (WGI)
Jeremy Botto, PE (WGI)
Mike Madison, PE (WGI)
Juan Ortega, PhD, PE (WGI)
Chad Johnson, EI (WGI)

10. COASTAL & MARINE ENGINEERING
Thomas Pierro, PE, DCE (CBI)
Tara Brenner, PG, PE (CBI)
Douglas Mann, PE, DCE (CBI)
Jordon Cheifet, PE, CFM (CBI)
Spencer Waganaar, EI (CBI)

ADDITIONAL SERVICES

PUBLIC INVOLVEMENT / OUTREACH
Jennifer Hofmeister, AICP (WGI)
Veronica Sanchez (WGI)

SUBSURFACE UTILITY ENGINEERING
Erik Brueningsen, PE (WGI)
Matt Phillips (WGI)
Fred Bachman (WGI)

UTILITY COORDINATION
Alan Boaz (WGI)
Bob Lowen (WGI)

TEAM

Wantman Group, Inc. (WGI)
Holtz Consulting Engineers (HCE)
CB&I (CBI)
Collective Water Resources (CWR)

iv. A written response clearly defining responsibilities, contractual relationships and roles of all individual in the organizational diagram.

Michael L. Davis, Senior Vice President, Principal-in-Charge - Environmental
- As the Principal-in-Charge and a **WGI** officer, Michael provides the City, **WGI's** commitment to high quality professional services. Michael will also be working with the Environmental team.

Brett Oldford, PE - Project Manager - Civil Engineering
- Brett will serve as the Project Manager. Brett will be responsible for all project related items and be responsible for the overall delivery of the project. Brett will be the point person for all contact between the City of Delray Beach and **WGI**. Brett will also be working with the Civil Engineering Team.

Brian LaMotte, PE LEED AP - Contract Manager - Engineering
- Brian will serve as the Contract Manager. Brian will be responsible for developing the final scope of services and negotiating the fee for the project**.** Brian will also be working with the Engineering team.

Richard Hasko, PE - QA/QC - Civil Engineering
- Richard will serve as the QA/QC Manager. Richard will be responsible for implementation of the **WGI** QA/QC policy, ensuring every product that is submitted meets or exceeds the quality standards set by both **WGI** and the City of Delray Beach. Richard will also be working with the Civil Engineering team.

Tom Mueller, PE - Engineering
- Tom will serve as the technical lead for engineering design related services and be responsible for the completion of all engineering design related deliverables.

Jimmy Richie, PE - Engineering
- Jimmy will provide support to Tom for all engineering design related deliverables.

Corey Hill, PE - Engineering
- Corey will provide support to Tom for all engineering design related deliverables.

Stephen Cherry, EI - Engineering
- Stephen will provide support to Tom for all engineering design related deliverables.

Sam Hall, PSM - Survey
- Sam will serve as the technical lead for survey related services and be responsible for the completion of all survey related deliverables.

Pat Meeds, PSM - Survey
- Pat will provide support to Sam for all survey related deliverables.

Eric Matthews, PSM - Survey
- Eric will provide support to Sam for all survey related deliverables.

Eric Andelin, CP, GISP - Survey
- Eric will provide support to Sam for all survey related deliverables.

Jason Alvarez, CST II - Survey
- Jason will provide support to Sam for all survey related deliverables.

Jason Mihalovits, PLA, LEED AP - Landscape Architecture
- Jason will serve as the technical lead for landscape architecture related services and be responsible for the completion of all landscape architecture related deliverables.

Cheryl Callendar, PLA, LEED Green Associate - Landscape Architecture
- Cheryl will provide support to Jason for all landscape architecture related deliverables.

Angela Biagi, PLA, LEED BD+C - Landscape Architecture
- Angela will provide support to Jason for all landscape architecture related deliverables.

Bryan Donahue, PLA, - Landscape Architecture
- Bryan will provide support to Jason for all landscape architecture related deliverables.

Colin McCann, PLA, - Landscape Architecture
- Colin will provide support to Jason for all landscape architecture related deliverables.

Adam Schildmeier, PE - Civil Engineering
- Adam will serve as the technical lead for civil engineering design related services and be responsible for the completion of all civil engineering design related deliverables.

Chris Holmes, PE - Civil Engineering
- Chris will provide support to Adam for all civil engineering design related deliverables.

Brian Arnold, PE - Civil Engineering
- Brian will provide support to Adam for all civil engineering design related deliverables.

Brian Rheault, PE - Structural
- Brian will serve as the technical lead for structural related services and be responsible for the completion of all structural related deliverables.

Chris LaForte, PE - Structural
- Chris will provide support to Brian for all structural design related deliverables.

Tim Sherwood, BI, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Jeff Bergmann, PE - Structural
- Jeff will provide support to Brian for all structural design related deliverables.

Tim DeLand, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Keegan Larson, PE - Transportation
- Keegan will serve as the technical lead for transportation related services and be responsible for the completion of all transportation related deliverables.

Jeremy Botto, PE - Transportation
- Jeremy will provide support to Keegan for all transportation related deliverables.

Mike Madison, PE - Transportation
- Mike will provide support to Keegan for all transportation related deliverables.

Juan Ortega, PhD, PE - Transportation
- Juan will provide support to Keegan for all transportation related deliverables.

Chad Johnson, EI - Transportation
- Chad will provide support to Keegan for all transportation related deliverables.

John Abbott, PG - Environmental
- John will serve as the technical lead for environmental related services and be responsible for the completion of all environmental related deliverables.

Greg Griffith - Environmental
- Greg will provide support to John for all environmental related deliverables.

Jerry Renick - Environmental
- Jerry will provide support to John for all environmental related deliverables.

Rick Harman - Environmental
- Rick will provide support to John for all environmental related deliverables.

Jerry Saval, PE, CFM - Water Resources
- Jerry will serve as the technical lead for water resources related services and be responsible for the completion of all water resources related deliverables.

Cesar Pena, PE - Water Resources
- Cesar will provide support to Jerry for all water resources related deliverables.

Liz Perez, PE, D.WRE, CFM - Water Resources
- Liz will provide support to Jerry for all water resources related deliverables.

David Holtz, PE - Water Resources
- David will provide support to Jerry for all water resources related deliverables.

Christine Miranda, PE - Water Resources
- Christine will provide support to Jerry for all water resources related deliverables.

Thomas Pierro, PE, DCE - Coastal and Marine Engineering
- Tom will serve as the technical lead for coastal and marine engineering related services and be responsible for the completion of all coastal and marine engineering related deliverables.

Tara Brenner, PG, PE - Coastal and Marine Engineering
- Tara will provide support to Tom for all coastal and marine engineering related deliverables.

Douglas Mann, PE, DCE - Coastal and Marine Engineering
- Doug will provide support to Tom for all coastal and marine engineering related deliverables.

Jordon Cheifet, PE, CFM - Coastal and Marine Engineering
- Jordon will provide support to Tom for all coastal and marine engineering related deliverables.

Spencer Waganaar, EI - Coastal and Marine Engineering
- Spencer will provide support to Tom for all coastal and marine engineering related deliverables.

Jennifer Hofmeister, AICP - Public Involvement /Outreach - Additional Services
- Jennifer will serve as the technical lead for public involvement design related services and be responsible for the completion of all public involvement related deliverables.

Veronica Sanchez - Public Involvement /Outreach - Additional Services
- Veronica will provide support to Jennifer for all public involvement related deliverables.

Erik Brueningsen, PE - Subsurface Utility Engineering - Additional Services
- Erik will serve as the technical lead for subsurface utility engineering related services and be responsible for the completion of all subsurface utility engineering related deliverables.

Matt Phillips - Subsurface Utility Engineering - Additional Services
- Matt will provide support to Erik for all subsurface utility engineering related deliverables.

Fred Bachman - Subsurface Utility Engineering - Additional Services
- Fred will provide support to Erik for all subsurface utility engineering related deliverables.

Alan Boaz - Utility Coordination - Additional Services
- Alan will serve as the technical lead for dry utility coordination related services and be responsible for the completion of all dry utility coordination related deliverables.

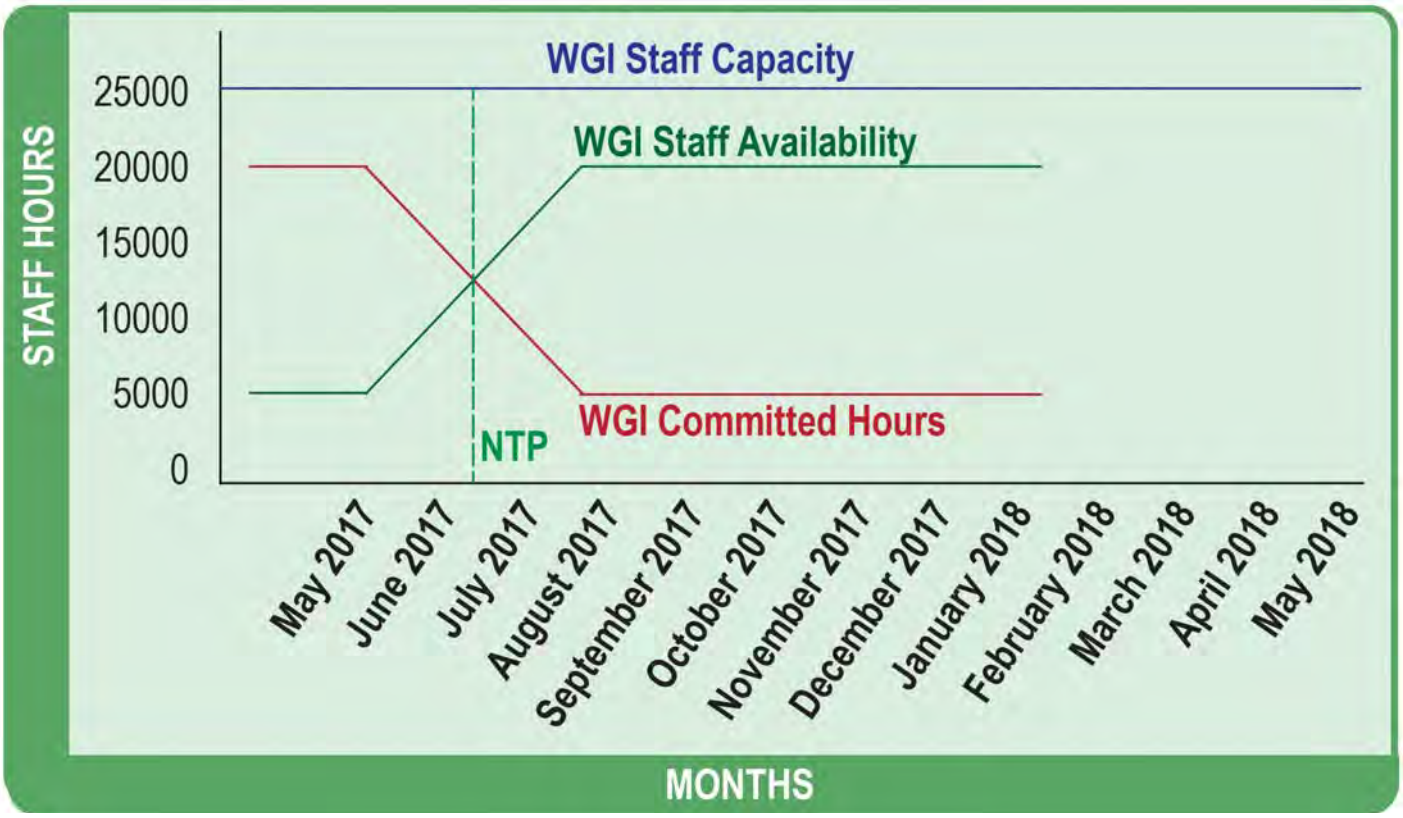
Bob Lowen - Utility Coordination - Additional Services
- Bob will provide support to Alan for all dry utility coordination related deliverables.

v. A narrative detailing Proposer's recent, current, and projected workloads at the time of submission and provide a statement of Proposer's commitment of personnel and other resources for the City project by providing a signed letter of commitment.

WGI understands that an important aspect of a continuing services, task driven contract is the team's ability to provide the necessary depth of staff for immediate response and the ability to manage multiple assignments simultaneously and effectively. We recognize that contracts of this nature present assignments that are unique in scope, often fast tracked and dependent on staff resources, which can, if not managed properly, present overload and delay challenges. **WGI** has maintained task driven continuing services contracts for many years and has the experience and resources necessary to anticipate and compensate for these challenges through efficient scheduling and a dedicated work force. **Specifically, WGI has provided the City of Delray Beach quality consulting services since July 2007. The success of our relationship is driven by the dedication of a team of individuals solely to the City. This means that technically proficient staff members familiar with the City's needs are available to provide immediate response to any request.**

Because **WGI** specializes in public sector contracts, it has the capacity to respond to the assignments and

service authorizations orders anticipated from the City. These public sector contracts support a more stable scheduling and resource management protocol, across the **WGI** multi-discipline divisions. Regardless of the nature, location, or technical complexity of the assignment, **WGI** brings the experience, technical resources, and depth of staff to deliver the results you require. This contract has the full attention of our entire team.



Please see Commitment Letter on the following page.

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May 17, 2017

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

RE: CITY OF DELRAY BEACH RFQ NO. 2017-048
CONTINUING ENGINEERING, SURVEYING, AND LANDSCAPING ARCHITECTURAL CONSULTING SERVICES (918-42, 918-89, 906-56)

Dear Selection Committee Members,

WGI'S COMMITMENT

The most important qualification **WGI** brings to the City is the commitment of the firm, at all levels, to develop successful deliverables, deliverables that are technically sound, on schedule and within budgetary requirements. Our key personnel selected for this project are dedicated and will be available to the City for the duration of the contract. The depth of our team with 300 professionals, including 180 registered engineers, landscape architects, planners, environmental scientists, surveyors, and other professionals based in Palm Beach County will provide ample capacity and availability to competently complete all assignments in a timely manner. Our commitment has been clearly demonstrated by **WGI's** superior service and professionalism over the years in providing similar services on a continuing basis for numerous counties and municipalities in South Florida. As the **Principal-in-Charge** and a **WGI Officer**, I provide the City **WGI's** commitment to high quality professional services.

We look forward to demonstrating our ability and unequivocal commitment while serving the City of Delray Beach.

Sincerely,
WANTMAN GROUP, INC.

Michael L. Davis
Senior Vice President
Principal-in-Charge

vi. A narrative detailing all key personnel's recent, current and projected workloads at the time of submission and provide a statement of the availability of each for the City's project.

The key personnel below are currently assigned to the Delray Beach Continuing Contract and a portion of their time is already designated to servicing the needs of the City. Over the past ten years, **WGI** has developed a successful working relationship that provides timely responses to any of the City's needs.

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Michael L. Davis	WGI	Principal-in-Charge Environmental	30%	35%	40%
Brett Oldford, PE	WGI	Project Manager Civil Engineering	35%	45%	50%
Brian LaMotte, PE, LEED AP	WGI	Contract Manager Engineering	25%	40%	45%
Richard Hasko, PE	WGI	QA/QC Civil Engineering	20%	30%	45%
Tom Mueller, PE	WGI	Engineering	40%	45%	50%
Jimmy Richie, PE	WGI	Engineering	20%	35%	50%
Corey Hill, PE	WGI	Engineering	25%	35%	40%
Stephen Cherry, EI	WGI	Engineering	25%	45%	45%
Sam Hall, PSM	WGI	Survey	35%	35%	40%
Pat Meeds, PSM	WGI	Survey	30%	30%	35%
Eric Matthews, PSM	WGI	Survey	25%	25%	30%
Eric Andelin, CP, GISP	WGI	Survey	40%	45%	55%
Jason Alvarez, CST II	WGI	Survey	25%	30%	35%
Jason Mihalovits, PLA, LEED AP	WGI	Landscape Architecture	25%	40%	40%
Cheryl Callender, PLA, LEED Green Associate	WGI	Landscape Architecture	30%	35%	35%
Angela Biagi, PLA, LEED BD+C	WGI	Landscape Architecture	35%	35%	35%
Bryan Donahue, PLA	WGI	Landscape Architecture	30%	20%	35%
Colin McCann, PLA	WGI	Landscape Architecture	30%	35%	45%
Adam Schildmeier, PE	WGI	Civil Engineering	40%	40%	45%
Chris Holmes, PE	WGI	Civil Engineering	20%	30%	40%
Brian Arnold, PE	WGI	Civil Engineering	20%	30%	40%
Brian Rheault, PE	WGI	Structural	25%	30%	35%
Chris LaForte, PE	WGI	Structural	30%	40%	45%
Tim Sherwood, BI, PE	WGI	Structural	25%	40%	45%
Jeff Bergmann, PE	WGI	Structural	30%	35%	45%
Tim DeLand, PE	WGI	Structural	25%	35%	40%
Keegan Larson, PE	WGI	Transportation	25%	30%	35%
Jeremy Botto, PE	WGI	Transportation	25%	30%	35%

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Mike Madison, PE	WGI	Transportation	20%	30%	35%
Juan Ortega, PhD, PE	WGI	Transportation	20%	35%	35%
Chad Johnson, EI	WGI	Transportation	30%	35%	35%
John Abbott, PG	WGI	Environmental	25%	30%	30%
Greg Griffith	WGI	Environmental	20%	25%	25%
Jerry Renick	WGI	Environmental	20%	25%	25%
Rick Harman	WGI	Environmental	25%	35%	40%
Jerry Saval, PE, CFM	WGI	Water Resources	30%	40%	50%
Cesar Pena, PE	WGI	Water Resources	25%	35%	45%
Liz Perez, PE, D.WRE, CFM	CWR	Water Resources	15%	25%	25%
David Holtz, PE	HCE	Water Resources	20%	25%	25%
Christine Miranda, PE	HCE	Water Resources	20%	30%	30%
Thomas Pierro, PE, DCE	CBI	Coastal and Marine Engineering	25%	30%	35%
Tara Brenner, PG, PE	CBI	Coastal and Marine Engineering	25%	30%	35%
Douglas Mann, PE, DCE	CBI	Coastal and Marine Engineering	25%	35%	35%
Jordon Cheifet, PE, CFM	CBI	Coastal and Marine Engineering	20%	30%	40%
Spencer Waganaar, EI	CBI	Coastal and Marine Engineering	25%	25%	35%

Tab 8: Environmental / Natural Resources

Chapter 4 PROPOSAL RESPONSE REQUIREMENTS
8 - Environmental/Natural Resources

A. EXPERIENCE

i. Identify each Professional Service discipline and/or sub-discipline in which Proposer wishes to be considered for award of an Agreement.

WGI wishes to be considered for the following disciplines:

(1) Engineering
(2) Surveying and Mapping
(3) Landscaping architectural design services
(4) Civil
(6) Structural
(7) Transportation
(8) Environmental / Natural Resources
(9) Water Resources/Stormwater Management (includes stormwater, potable water, reuse water, conveyance, supply, transmission, treatment, storage)
(10) Coastal and Marine Engineering

ii. Detailed narrative description documenting Proposer's overall Professional Services background and experience in each Professional Service discipline or sub-discipline in which Proposer wishes to be considered for award of an Agreement as follows:

a. Experience in the following:

(8) Environmental / Natural Resources

The **WGI** Environmental Team provides the following services:

- ✓ Beach renourishment support
- ✓ Contamination assessment and remediation
- ✓ Dock and seawall permitting
- ✓ Dune restoration
- ✓ Environmental permit compliance
- ✓ Expert witness
- ✓ GIS
- ✓ Mangrove trimming
- ✓ Mitigation area planning, design, and construction oversight
- ✓ NEPA compliance
- ✓ Permitting/regulatory approvals
- ✓ Phase I and Phase II Environmental Site Assessments (ESAs)
- ✓ Tree surveys and mitigation
- ✓ Wetland delineation, permitting, and mitigation
- ✓ Wildlife threatened and endangered species surveys and relocation

In recent years, **WGI** has provided a variety of environmental services to many other local agencies, including City of Delray Beach, Palm Beach County, St. Lucie County, Village of Wellington, City of Parkland, City of Riviera Beach, Town of Jupiter, and the Northern Palm Beach County Improvement District, among others.

As an relevant example in the City, **WGI** conducted a submerged aquatic vegetation survey and wetland assessment to determine the permitting requirements and challenges for the relocation of the adjacent roadway, sidewalk, and docks along Marine Way. We completed a dive along the eastern side of the seawall to determine the presence and location of seagrasses, mangroves, and other environmentally sensitive vegetation. Based on our assessment, we offered recommendations to the City for the location of the proposed docks, sidewalks and roadway, as well as suggesting appropriate methods to expedite the permitting process through the U.S. Army Corps of Engineers (USACE), Florida Inland Navigation District (FIND), and the Florida Department of Environmental Protection (FDEP), including the use of avoidance and mitigation techniques.

Our environmental staff have all the certifications required to complete the items in the scope of services:

- ✓ Certified Environmental Professional
- ✓ Certified Pesticide Applicator
- ✓ Certified Wetland Scientist
- ✓ FDEP Stormwater, Erosion, and Sediment Control Inspectors
- ✓ FWC Authorized Gopher Tortoise Agents
- ✓ FWC Trained Manatee Observers
- ✓ ISA Certified Arborists
- ✓ Professional Engineers
- ✓ Professional Geologist
- ✓ SCUBA Divers

Environmental Permitting - The **WGI** Environmental Team works daily on obtaining permits such as Environmental Resource Permits from South Florida Water Management District (SFWMD) and FDEP, Coastal Construction Control Line (CCCL) permits from FDEP, wildlife permits from Florida Fish and Wildlife Conservation Commission (FWC) and U.S. Fish and Wildlife Service, Section 404 permits and Section 408 approvals from USACE, bridge permits from U.S. Coast Guard, tree permits from municipalities and counties, and water use and dewatering permits from SFWMD and FDEP. We pride ourselves on staying current with federal agency rules and regulations, and have established sound professional relationships with key decision-making personnel in each of these agencies. Many of our senior environmental scientists are former leaders at regulatory agencies such as USACE and FDEP so we have the inside knowledge and positive working relationships to keep permitting time to a minimum. For example, our **Principal-in-Charge Michael Davis** is the former Deputy Assistant Secretary of the Army for Civil Works. In this capacity Michael wrote and implemented many of the nationwide wetlands policies and regulations in effect today. WGI has continuing contracts with a majority of the water management districts in the state and is astute to their design and permitting requirements, including the recently implemented Statewide Environmental Resource Permitting (SWERP - 62-330, F.A.C.), rule that went into effect on October 1, 2013.

Coastal and Marine Projects - **WGI** performs coastal and marine projects such as beach renourishment, dune restoration, docks, and seawalls. When applicable, we obtain the CCCL permit and confirm coastal lighting complies with FWC marine turtle lighting requirements. We have certified SCUBA divers, staff trained to conduct coral relocation, and FWC-trained manatee observers. Our benthic surveys cover a wide enough area to assess not just direct impacts from pilings and shading, but also construction-related impacts such as barge spudding, propeller wash, and inadvertent damage from falling debris. This is important to protect the City from negligence on the part of the construction contractor. If dune restoration is needed, we develop the landscape design and provide technical oversight of the planting. We have worked on numerous beach renourishment projects and understand that when federal funding is involved, the USACE has very strict requirements, such as stipulating that the sea oats planted come from east coast stock.

Tree Inventories - **WGI** certified arborists (International Society of Arboriculture) perform tree location surveys to identify the species, size in diameter at breast height (DBH), and disposition (preservation, relocation, or removal) based on the condition of the tree, its health, and site design requirements. All protected trees with a minimum DBH of three inches, but less than 18 inches are identified during the process of preparing the tree location survey and inventory. In addition, all specimen trees and majestic trees are identified on the project site with recommendations on how to protect these valuable trees. A tabular list of all identified trees is prepared listing their identification number, the species, size in DBH, and their disposition. For large sites with many trees, WGI offers our mobile LiDAR service to reduce field inspection time.

Wildlife / Threatened & Endangered Species - Our biologists are experienced in the State (FWC) and Federal (US Fish and Wildlife Service) regulations regarding listed species. We recognize that the early identification of critical habitat and species through specific surveys is crucial to plan development in order to properly plan and design habitat conservation plans and permitting timelines. Our staff has the appropriate training and certifications to address all state and federal listed species and relocation protocols. **WGI's** staff of well trained and experienced

biologists routinely perform listed species surveys, permitting, and mitigation plan implementation for wood stork, gopher tortoise, scrub jay, shorebirds, burrowing owls, eastern indigo snake, East Indian manatee, Johnson's seagrass, and many more of our state and federal protected animal and plant species. Four of our professionals are FWC Authorized Gopher Tortoise Agents and one of our Agents serves on the steering committee for the FWC Gopher Tortoise Technical Advisory Group. We understand that field work must follow standard protocols to be valid for permitting; such protocols are species-specific and may have seasonal restrictions (e.g., FWC burrowing owls, Johnson's seagrass) and may be in draft form and evolving (e.g., the protocol for Florida Bonneted bats). WGI understands that pre-construction wildlife surveys are often a NEPA commitment or permit condition. We have the foresight to get the surveys completed before the season ends to avoid construction delays.

Contamination Assessments - Contamination assessments are led by a Professional Geologist with 20 years of contamination assessment and remediation experience. Our strategy is to identify contamination early and either avoid it by design (if practical) or remediate it prior to construction to avoid delays. Our staff has conducted hundreds of Phase 1 ESAs and dozens of Phase 2 ESAs in Palm Beach County. We have successfully remediated contamination at gas stations, drycleaners, golf courses, landfills, and many other sources. **WGI** will collect soil samples, install groundwater monitoring wells, prepare the Site Assessment Report, and develop the Remedial Action Plan. We frequently use interim source removals and Risk-Based Corrective Action to expedite cleanup

Environmental Permit Compliance Monitoring - **WGI** has expertise in wetland and upland vegetation compliance monitoring, turbidity monitoring, wildlife monitoring, erosion control inspections, and other environmental compliance monitoring. We have years of experience in pre-construction surveys, compliance monitoring during construction, and post-construction monitoring. WGI staff has provided wetland and habitat restoration monitoring services to numerous sites, ensuring that permit conditions are met and the project remains in compliance throughout its duration. Our compliance inspections are done with our PWSs, CEPs, Certified Arborists, mangrove trimmers, FDEP Stormwater Management Inspectors, PEs, PGs, FWC Certified Manatee Observers, and other certified professionals as applicable.

Wetland Delineations and Mitigation - **WGI's** Professional Wetland Scientists (Society of Wetland Scientists) and biologists will provide wetland delineation services to determine the landward extent of all jurisdictional wetlands according to federal (Corps of Engineers Wetlands Delineation Manual, 1987) and state (Florida Wetlands Delineation Manual, Gilbert et al., 1995) requirements. Our staff will perform a site visit to delineate the wetlands, place survey flags at the wetland boundary approximately every 50 lineal feet, overlay the approximate wetland boundary on an aerial map, prepare applications to federal (Army Corps of Engineers) and state (FDEP, SFWMD) agencies, and perform a site visit with the regulatory agencies to confirm the wetland boundaries. WGI has experience delineating hundreds of wetlands in South Florida. We use sub-meter GPS and our own professional surveyors for accuracy.

WGI is proficient at preparing wetland mitigation plans whether it includes on-site restoration activities or purchasing off-site mitigation credits at a mitigation bank. Our thorough knowledge of the Uniform Mitigation Assessment Method (UMAM) provides our client the comfort of knowing that WGI will not overstate the mitigation requirements for wetland impacts on a project. Our staff has a thorough knowledge and understanding of the availability and mitigation options according to state and federal guidelines and policy that will result in the most cost-efficient and viable mitigation plan. This includes knowledge of local mitigation banks, wetland mitigation credit availability, and current market cost per mitigation credit.

b. Experience in other related services that complement the above referenced Professional Services.

SUBSURFACE UTILITY ENGINEERING (SUE)

With over 30 years of experience, **SUE Division Manager Erik Brueningsen, PE**, proficiently manages any utility locating or utility coordination task that may arise. The prime objective of any utility locating assignment is a well-documented, high quality deliverable completed on time and within budget. In this regard, **WGI's** approach to utility locating focuses on providing solutions to your utility concerns; not simply obtaining location coordinates. Each assignment is viewed individually to determine the best approach, in light of the overall project objective, so as to achieve a cost-effective and quality driven deliverable. Using the most current technology available

and a “best practices” approach, our associates are trained to provide Quality Level investigations per the ASCE and FDOT current guidelines. Our in-house tools and extensive field experience are not the end of our investigations; our excellent relationships with area Utility Agency Owners (UAOs) serve to expedite requests for available records, permits and as-builts to supplement all field investigations. This leads to the highest possible likelihood that all facilities will be identified and located, then correlated to their respective owners. With three “Vac” trucks, a full range of professional utility support services, and experienced personnel highly trained in surveying and mapping, Ground Penetrating Radar (GPR), vacuum excavation, high-definition laser scanning, Global Positioning Systems (GPS), Geographic Information Systems (GIS) and Computer Aided Design (CAD), **WGI** provides comprehensive services that are second to none.

UTILITY COORDINATION

WGI understands that effective utility coordination play a critical role in the successful completion of any project. **Robert Lowen**, 42 years of service for AT&T, and **Alan Boaz**, 33 years of service for FPL, provide a depth of resources and contacts that are unmatched in the industry. Our coordination efforts begin by completing a Sunshine State One Call of Florida (SSOCOF) design ticket, used to identify participating UAOs that have existing or potential interests within the project limits. We recognize that not every UAO is an active member of SSOCOF; therefore, we seek out other UAOs through points of contact with participating UAOs, the existing **WGI** Utility Database, **WGI’s** history with ongoing and completed projects, and other available sources. Research will be conducted to obtain all executed utility work schedules, utility records or utility as-built prints, as well as all plans for other proposed improvements. All utility information collected from the UAOs and our own field investigation will be incorporated into project plans for identification and avoidance of utility conflicts.

An important aspect of utility certification is the complete documentation of the utility process and the deliverables. In every case, all final documents must be clear and concise without need for additional clarification. Emphasis is placed on utility conflict avoidance, an area in which we excel. Our roadway, utility design and construction experience, combined with our design-build problem solving, provides unique insight into the art and science of utility conflict identification and innovative design resolution.

The objective of this contract is to serve the City on a wide range of utility location and utility coordination assignments of varying complexity. The WGI Team was assembled for exactly this purpose. Schedule is paramount, immediate response is a priority, and providing the depth of resources to handle multiple simultaneous assignments is critical in ensuring that assignments are handled on time and within budget.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has diverse viewpoints and concerns on issues pertaining to their specific neighborhood needs. When the public is involved in the decision-making process, such input has a real potential to positively shape the final set of actions and outcomes. Equally important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Successful public participation activities are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. To that end, it is critical that all involved have a clear understanding of the project’s goals, objectives and strategies.

WGI’s planners and designers have in-depth experience with redevelopment activities that involve removing the social barriers implanted by the corridors within a community. An example of this local understanding is shared by **Jennifer Hofmeister, AICP, WGI’s** public outreach coordinator and director of public planning. While a neighborhood planner for the City of Delray Beach, Jennifer was educated on the historical significance of Swinton Avenue during and post segregation. She was an advocate for the African-American neighborhoods, with regular attendance at neighborhood meetings, and worked alongside the residents in developing neighborhood plans and implementing neighborhood improvement projects. Similarly, Jennifer was the former project manager for the Pleasant City neighborhood and the Northwood District in the City of West Palm Beach. During her tenure

with the West Palm Beach CRA, she served as the medium between the community and the CRA where she implemented programs to revitalize the area and redesign physical elements that represented social barriers within the community.

Jennifer currently oversees a four-year, $40M road program in the City of Lake Worth. As Lake Worth's Public Involvement Coordinator, she has developed an extensive Public Involvement Plan that serves as a guide for ongoing public participation throughout the design and construction of the road program. **WGI** developed and maintains a multi-lingual interactive website and hotline for the City of Lake Worth offering residents a point of contact and serving as an information center for public inquiry. The Coordinator role maintains consistency, cohesiveness, and collaboration among City staff and consultants, resulting in the most effective public outreach and engagement process possible.

Additionally, **WGI** has been retained by the Westgate CRA to conduct a Westgate Corridor Streetscape Study, funded by the Florida Department of Economic Opportunity (FDEO). The Study will guide the development of a streetscape plan to improve walkability and other multi-modal transportation opportunities. Simultaneously, the goal of the plan is to beautify and enhance the area to attract new investment and promote economic development opportunities. As mentioned, a critical component to the success of any public project is participation from those most affected. For this effort, the public participation process incorporated a two-part planning design charrette that provided a forum for ideas and offered the unique advantage of giving immediate feedback to the **WGI** planners and designers. More importantly, it allowed everyone who participated to take part in authoring the plan.

Finally, **WGI** public outreach efforts include a citizen-driven "Complete Streets" project for one of West Palm Beach's premier gateways, Banyan Boulevard, in the downtown. The Banyan Boulevard Improvement Project is more than a physical redesign of a West Palm Beach downtown corridor. If properly executed, the project has the power to unite, physically and socially, historically significant West Palm Beach neighborhoods and business districts, and the people who reside and work within them. With that historical insight, the **WGI** Team approach is to bring our passion and expertise out to the community and, through the eyes of the residents, uncover a new gateway to the heart of the downtown.

c. WGI's awards, certifications, or other recognition received by Proposer relative to work on projects in the designated Professional Services.

WGI has won several engineering awards for both traditional design-bid-build projects as well as design-build projects. We pride ourselves on the accomplishments we have made in the design of our clients' projects.

Listed below are awards WGI has won in the past three years:

- ✓ 2014 Engineer's Council Distinguished Engineering Project Achievement Award – Big John Monahan
- ✓ 2014 Zweig White Hot Firm – A Top 100 Firm (#41)
- ✓ 2014 Zweig White "Best Firms to Work For" Award
- ✓ South Florida Business Journal – Top 25 Engineering Firms #6 (June 2014) (# of PEs)
- ✓ 2014 Inc. 500/5000 List - #3767
- ✓ 2014 DBIA Florida Project of the Year Award – Big John Monahan Bridge Replacement Design-Build
- ✓ 2014 DBIA Florida Best Overall Design-Build Project of the Year – Big John Monahan Bridge Replacement

- ✓ 2015 ACEC National Recognition Award – Big John Monahan Bridge Replacement
- ✓ 2015 Florida Institute of Consulting Engineers Grand Award – Big John Monahan Bridge Replacement
- ✓ 2015 ENR Top 500 Design Firms - #338
- ✓ 2015 ENR Southeast Top Design Firms - #24
- ✓ 2015 Zweig Group Top 100 Fastest Growing Companies - #39
- ✓ 2015 Zweig Group Best Firms to Work For - #42
- ✓ 2015 South Florida Business Journal Top 100 Fastest Growing Companies - #70
- ✓ 2015 South Florida Business Journal Top 25 Engineering Firms - #6
- ✓ 2015 Inc. 5000 Fastest Growing Private Companies - #3425
- ✓ 2015 South Florida Business Journal Fast 50 Honoree - #12
- ✓ 2015 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue - #23
- ✓ 2016 South Florida Business Journal Top 100 Fastest Growing Companies - #60
- ✓ 2016 South Florida Business Journal Top 25 Engineering Firms - #10
- ✓ 2016 ENR Top 500 Design Firms - #253
- ✓ 2016 ENR Southeast Top Design Firms - #17
- ✓ 2016 Zweig Group Hot Firms List (Top 100 Fastest Growing Companies) - #5
- ✓ 2016 Zweig Group Best Firms to Work For - #19
- ✓ 2016 Zweig Group Marketing Excellence Award – 1st place in Internal Marketing; 2nd place in Integrated Marketing
- ✓ 2016 Zweig Group Trifecta Award
- ✓ 2016 South Florida Business Journal Fast 50 Honoree - #7
- ✓ 2016 Inc5000 - #1609
- ✓ 2016 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue
- ✓ 2016 DBIA Florida Honor Award for US 41 from SR 951 to Greenway Road Design-Build
- ✓ 2016 Statewide Business Journal Fast 100 List - #37
- ✓ 2017 University of Florida Gator 100 Fast Growing Companies - #29
- ✓ 2017 South Florida Business Journal Top 25 Engineering Firms - #5

iii. Submit five client references for whom Proposer has provided Professional Services similar to those specified in this RFQ in the past five years and who are agreeable to respond to a request from the City regarding proposer's experience.

REFERENCE 1 - Ponce de Leon Springs State Park

a. Organization name: Florida Department of Environmental Protection
b. Contact name(s): C. Benton Hewitt
c. Contact email address: c.b.hewitt@dep.state.fl.us
d. Address: 3900 Commonwealth Boulevard, Tallahassee, Florida 32399
e. Telephone and fax numbers: Phone: 850-245-2630 Fax: None
f. Dates of service (start/end): From: 07/2014 To: Ongoing
g. Scope (Type of Professional Service provided): Design and permitting services for a visitor parking lot at the Ponce de Leon Springs State Park

REFERENCE 2 - Sikorsky ADS-33 Environmental Services

a. Organization name: Pratt and Whitney
b. Contact name(s): Donald Robb
c. Contact email address: donald.robb@sikorsky.com
d. Address: 17900 Beeline Highway, Jupiter, FL 33478
e. Telephone and fax numbers: Phone: 561.472.2691 Fax: None
f. Dates of service (start/end): From: 2/2013 To: 03/2015
g. Scope (Type of Professional Service provided): State and federal wetlands permitting and listed species surveys for the expansion of an existing helicopter test facility on a large, 7000-acre environmentally sensitive area, surrounded by state-owned natural lands.

REFERENCE 3 - Dam Inventory

a. Organization name: Florida Department of Environmental Protection
b. Contact name(s): Art Sengupta, PE, PG, PMP
c. Contact email address: c.b.hewitt@dep.state.fl.us
d. Address: 2600 Blair Stone Road, MS 3595, Tallahassee, FL 32399
e. Telephone and fax numbers: Phone: 850-245-8491 Fax: 850-412-0553
f. Dates of service (start/end): From: 02/2015 To: 04/2015
g. Scope (Type of Professional Service provided): Services included mapping of of previously unidentified dams or impoundments. All lakes over 17 acres were visually analyzed for the presence of dams and potential dams were mapped as points in GIS, then overlayed on District-wide aerial LiDAR to confirm the elevation characteristics of the dam and the storage and impoundment criteria of the associated water bodies. This data is now being used for maintenance and flood risk analysis.

REFERENCE 4 - CR 714 Environmental Assessment

a. Organization name: Florida Department of Transportation, District Four
b. Contact name(s): Mr. Van Neilly
c. Contact email address: van.neilly@dot.state.fl.us
d. Address: 3400 West Commercial Boulevard, Ft. Lauderdale, Florida 33309
e. Telephone and fax numbers: Phone: 954.777.4287 Fax: 954.777.4261
f. Dates of service (start/end): From: 2013 To: 2014
g. Scope (Type of Professional Service provided): Environmental assessment of approximately three acres along the south side of County Road 714 for future expansion. Conduct an evaluation of the property for potential jurisdictional wetlands, potential costs of impacting the wetlands, and determine the limits of the remaining wetlands and the upland buffer requirements as required by the Martin County Growth Management Department.

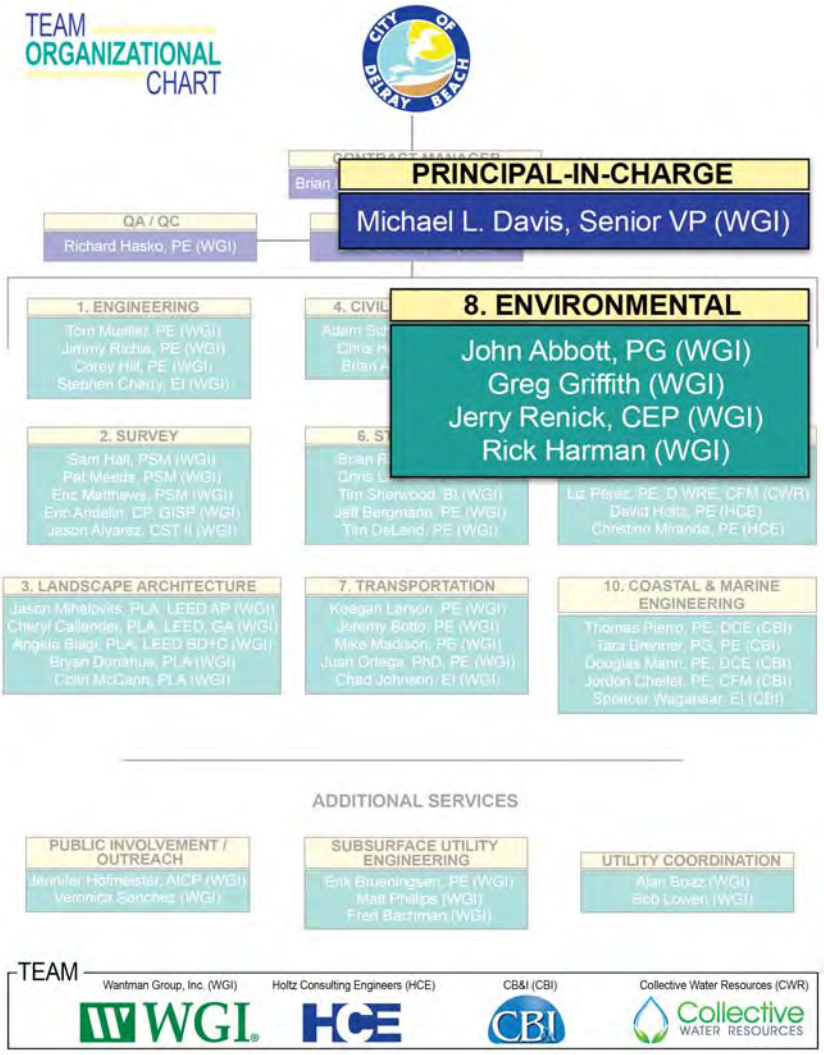
REFERENCE 5 - Waterway Park Boat Ramp

a. Organization name: Palm Beach County Facilities Development and Operations Department
b. Contact name(s): David Dolan
c. Contact email address: ddolan@pbc.gov
d. Address: 2300 North Jog Road, 4th Floor, West Palm Beach, Florida 33411
e. Telephone and fax numbers: Phone: 561-233-0280 Fax: None
f. Dates of service (start/end): From: 07/02/2014 To: 7/30/2014
g. Scope (Type of Professional Service provided): : Environmental services including a wetland jurisdictional determination, seagrass and submerged resources survey, gopher tortoise survey, a tree inventory, comprehensive environmental permitting, mitigation and monitoring plans. The project site had some sensitive areas including 6.09 acres of mangrove wetland, upland habitat, gopher tortoise habitat and submerged resources below the mean high water line.

iv. Submit the following information documenting experience of the key personnel proposed by Proposer to include, but not limited to the following:

a. List of up to five key personnel who are proposed for work on this project to include any subcontractors.

- ✓ Michael L. Davis, Senior Vice President (WGI)
- ✓ John Abbott, PG (WGI)
- ✓ Greg Griffith (WGI)
- ✓ Jerry Renick, CEP (WGI)
- ✓ Rick Harman (WGI)



b. Provide the role of each of the above referenced personnel within the provision of services.

- ✓ Michael L. Davis, Senior Vice President (WGI) - principal-in-charge for environmental/natural resources
- ✓ John Abbott, PG (WGI) - technical lead for environmental/natural resources
- ✓ Greg Griffith (WGI) - senior environmental scientist for environmental/natural resources
- ✓ Jerry Renick, CEP (WGI) - senior environmental scientist for environmental/natural resources
- ✓ Rick Harman (WGI) - environmental scientist for environmental/natural resources

c. For each key personnel listed above, provide a resume/bio of the individuals experience, qualifications, work history, education and any related licenses and certifications.

(see the following pages)

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RELEVANT EXPERIENCE

Crosstown Parkway Extension Environmental Impact Statement, St. Lucie County, City of Port St. Lucie, Senior Project Manager. Michael led a large multi-disciplinary team of environmental scientists, biologists, geologists, planners and engineers to successfully complete the Environmental Impact Statement (EIS) and PD&E Study for the proposed extension of the Crosstown Parkway across the North Fork of the St. Lucie River. The project involved extensive environmental evaluations, including wetlands, river and listed species impact assessments, and compensatory mitigation. The project was complex and controversial - - involving sensitive resources and state park lands. Through Michael's leadership and extensive regulatory, environmental science, and policy experience, the project was approved by FDOT and FHWA. In addition, federal and state regulatory and resources agencies signed off on the project, including USACE, USFWS, NMFS, SFWMD, and FDEP. Michael was the spokesperson for the project, conducting scores of public presentations and media events, including radio and television.

Review of Navy's Draft Environmental Impact Statement (EIS) for Naval Air Station, Monroe County, Department of the Navy, Senior Project Manager. Michael led the review of the U.S. Navy's Draft EIS for Airfield Operations at Naval Air Station Key West. The Draft EIS proposed introduction of new fighter aircraft and increased number of flights over the Keys. Michael reviewed the draft and final EIS to assess the impact of increased aircraft noise on the community and represented the County in high level meetings in Florida and Washington, DC. Michael also coordinated a baseline noise analysis to record actual noise levels.

South Miami-Dade Watershed Study and Plan, Miami-Dade County, South Florida Regional Planning Council & Miami-Dade County, Senior Project Manager. Michael led the South Miami-Dade Watershed Study and Plan. This project was a $3M scientifically-based planning effort that provides the framework for making land use decisions for 371 square miles (half of Miami-Dade County) over the next 50 years. Michael was responsible for assessing the effect of projected increases in population growth on water quality; natural communities, including wetlands and remnant natural forests, and Biscayne Bay; transportation; the economy; and agriculture. He was the spokesperson for the project, conducting scores of public presentations and media events.

Becker Road and I-95 Interchange, St. Lucie County, Principal-in-Charge. Michael led the successful efforts to plan and permit this major I-95 interchange in St. Lucie County. This required extensive coordination with the Army Corps of Engineers and the South Florida Water Management District. Using his experience as a senior federal environmental regulator, Michael obtained the necessary approvals and permits in record time.

Coastal Barrier Resources Act Policy Analysis, Monroe County, Principal-in-Charge. Michael led the analysis of Coastal Barrier Resources Act policies in Monroe County. Monroe County had a policy debate and litigation over their comprehensive plan policies and their land development regulations related to the Coastal Barrier Resources Act. Michael analyzed lands within each coastal barrier resources unit in the Keys, identified these areas could be protected from further development, drafted policy changes and made recommendations for changes to the land development code, which the County adopted.

Michael Davis

Principal-in-Charge
Environmental

PROFESSIONAL PROFILE:
Michael is a principal and senior vice president of WGI and is responsible for the management of the firm's planning, landscape architecture, civil engineering and environmental practices. With over 37 years of high level experience in water resources, environmental policy, legislation and governmental relations, including NEPA and the Army Corps of Engineers planning and regulatory process,Michaels' reputation and recognition offers clients a profound resource for resolving planning and environmental issues, as well as policy and legislative consulting services.

EDUCATION:
Bachelor of Science, Biology/Environmental Science - Austin Peay State University, 1977

Master of Science, Biology - Austin Peay State University, 1981

AFFILIATIONS:
Pine Jog Environmental Education Center, Board of Directors

Treasure Coast Regional Planning Council, Chairman

TOTAL YEARS EXPERIENCE: 37

WGI

RELEVANT EXPERIENCE

Contamination Remediation and Stormwater Management at a Cattle Ranch and Abandoned Quarry, Miami Lakes, Lennar Homes, Project Manager. John remediated contamination at a 145-acre cattle ranch and abandoned quarry. He delineated contamination by arsenic in soil, ammonia in groundwater, polycyclic aromatic hydrocarbons at a former solid waste pile, and petroleum hydrocarbons in soil. He coordinated the removal of the soil contamination in three source areas, conducted an assessment of a deep groundwater plume of ammonia, and assisted with the paving and drainage plans to obtain approval from the County for the stormwater management system above the contaminated groundwater.

Contaminated Soil Reuse and Lakefilling of Abandoned Tree Farm and Former Ranch, Hialeah, Project Manager and Technical Lead. John assessed arsenic in soil at a 114-acre abandoned tree farm and former cattle ranch. In addition to soil samples, John used XRF (x-ray fluorescence) in the field to delineate hot spots. Using a site-specific natural background determination study, he established a background soil concentration for arsenic, which allowed contaminated soil to be re-used onsite as lakefill, saving the client over $1M in disposal costs.

Dubois Farm Contamination Remediation, Palm Beach County, Project Manager and Technical Lead. To support a property transaction, WGI conducted a Phase 1 Environmental Site Assessment and a Phase 2 Contamination Assessment of this 33-acre parcel in Boynton Beach. The property included an inactive vegetable packing plant, equipment repair shops, a gasoline and diesel fueling station, numerous storage tanks, numerous discarded drums and containers, a wastewater seepage basin, agricultural fields, and several support buildings. John conducted soil and groundwater sampling around the three 10,000-gallon fuel underground storage tanks and the associated fuel pumps and piping. John also evaluated soil around a waste oil aboveground storage tank using an organic vapor analyzer flame ionization detector (FID) and sampled the agricultural fields for arsenic in soil. Arsenic was present in one location; John delineated the hot spot for soil excavation and removal, and conducted technical oversight of the remediation. He also provided technical oversight of removal of several abandoned ASTs.

Shooting Range Remediation at Crestwood, Palm Beach County, Project Manager. John conducted a Phase 1 Environmental Site Assessment and Phase 2 contamination testing of this 155-acre parcel. The property is the former site of a wastewater treatment plant in operation from the early 1970s to 2008 and also had a shooting range from the mid-1980s to the early 1990s. Due to metals from the gun range, contamination was an issue and soil was removed in early 2015. John found the previous contamination assessments and remediation to be incomplete and conducted additional soil sampling. He mapped the location of remaining contamination in the shooting range berm and coordinated removal of additional soil. In addition to the contamination assessment, WGI delineated wetlands and led the wetland permitting. Habitatswere mapped and reconnaissance performed for protected species, including a search for gopher tortoises, using our FWC Authorized Gopher Tortoise Agents. WGI also conducted a tree inventory and verified the site does not contain historical or archaeological resources.

Gopher Tortoise Permitting and Relocation at Becker Road, City of Port St. Lucie, Environmental Scientist. John led a gopher tortoise relocation project for the City of Port St. Lucie and FDOT at the new I-95/Becker Road Interchange. He conducted the gopher tortoise survey, prepared the Florida Fish and Wildlife Conservation Commission permit application, developed the mitigation plan, and led the relocation and permit compliance.

John Abbott, PG

Environmental

PROFESSIONAL PROFILE:
John has diverse experience in environmental consulting, including environmental planning, permitting, wetland mitigation and design, wildlife surveys, and contamination assessment. He has been a project manager on multi-million dollar environmental projects. John has worked on land development and environmental restoration projects throughout Florida, including marine and coastal areas, the Everglades, Lake Okeechobee, the Florida Keys, agricultural field and urban development areas.

REGISTRATIONS:
Registered Professional Geologist: Florida #PG2401, 2005

CERTIFICATIONS:
FWC Authorized Gopher Tortoise Agent

FDEP Stormwater Management Inspector

EDUCATION:
Bachelor of Science, Geology - Virginia Tech, 1992

Master of Science, Geology - New Mexico Tech, 1995

TOTAL YEARS EXPERIENCE: 20

WGI

RELEVANT EXPERIENCE

U.S. Army Corps of Engineers, Florida, Biologist. Greg's primary responsibility was reviewing public and private environmental resource permit applications for conformity with the laws and regulations governing navigation and environmental impacts; specifically, Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (amended) of 1972. In addition, mitigation site reviews and wetland delineation verifications were a regular part of this position. Being part of an eight-person staff covering all public and private impacts to wetlands and federally protected waters in Miami-Dade, Broward, Palm Beach, Martin, and St. Lucie counties required a balance between public service and environmental protection. This position also required close coordination and contacts with local, state, and federal agencies such as SFWMD, FDEP, USFWS, NOAA NMFS, FWC, and various county regulatory agencies.

E-3 Canal Environmental Services, St. Lucie County, City of Port St. Lucie. As phase manager, Greg coordinated with the Army Corps of Engineers for a Dredge and Fill Permit to fill and pipe the E3 Canal identifying and mitigating wetlands impacted by the fill permit. This additional service involves Army Corps of Engineers permit pursuits related to wetland delineation, permitting, mitigation planning, and representation**.**

Central Park Boulevard Entrance, Jewish Federation of South Palm Beach County. The purpose of this project was to modify an existing entrance to the Siemens Campus of the Jewish Federation to accommodate a new guard house. The design included converting the existing driveway into entrance lanes off of Central Park Boulevard and adding exit lanes to create a median for the guard house.

Delray Marketplace TMD, Kite Realty Group, Permit Coordinator. This project consisted of site development for a 36-acre commercial development including design of the water distribution and sewage collection systems, stormwater drainage system, paving, and grading design. Design also included permitting, coordination with the developer, and various other ongoing developments within the immediate area, including various governmental agencies.

Florida Department of Environmental Protection, Pensacola, Environmental Specialist I. Greg's primary responsibility was to review public and private environmental resource permit applications for conformity with the laws and regulations governing the Wetland Resource Permitting Program (WRP) in Escambia, Santa Rosa, Okaloosa, and Walton counties. This area of Florida has since moved to join the rest of the state in the Environmental Resource Permit (ERP) Program. Duties included wetland delineation verifications, mitigation site monitoring, as well as compliance and enforcement assistance on numerous occasions.

SR 7 Widening at Atlantic Avenue, Palm Beach County, G.L. Homes of Florida, Permit Coordinator. Greg was responsible for PD&E re-evaluation including noise, wetland, and wildlife impacts. This project consisted of intersection improvements at US 441 (SR 7) and Atlantic Avenue including widening for a second westbound to northbound right-turn lane on the east approach to US 441 (SR 7) from Atlantic Avenue. The right-turn lane was approximately 450 feet in length. Elements of work included roadway design, drainage and permitting, utility coordination, signalization, signing and marking, geotechnical, structures analysis, lighting analysis, subsurface utility engineering, and survey.

Gregory Griffith

Environmental

PROFESSIONAL PROFILE:
Greg is thoroughly familiar with state and federal environmental statutes, local and county regulations, and environmental permitting requirements within Florida. His experience includes managing the National Pollutant Discharge Elimination System (NPDES) Program of Florida's Turnpike Enterprise, regulatory permitting as a staff biologist for the Florida Department of Environmental Protection (FDEP) and the U.S. Army Corps of Engineers (USACE), as well as hazardous waste response and sampling. Greg's background within the environmental regulatory system has afforded him the experience in both public and private operations, Phase 1 remediation, NEPA processes and coastal zone management

CERTIFICATIONS:
FDEP Stormwater Management Inspector, 2003

FWC Authorized Gopher Tortoise Agent, 2009

PADI Open Water Diver, 1998

EDUCATION:
Bachelor of Science, Environmental Science - University of West Florida, 2001

AFFILIATIONS:
Florida Association of Environmental Professionals

Florida Stormwater Association

TOTAL YEARS EXPERIENCE: 16

WGI

RELEVANT EXPERIENCE

Palm Beach County Sports Shooting Complex, Palm Beach County, Florida Fish and Wildlife Conservation Commission (FWC), Environmental Scientist. Jerry's responsibilities included identifying any jurisdictional wetlands, performing wildlife surveys, and providing a native tree inventory in order to provide the highest level of natural resource protection during the project design phase. The FWC's Palm Beach County Shooting Sports Complex is a 150-acre site that is located on the former Mecca Farms property, east of the J.W. Corbett Wildlife Management Area. WGI is providing survey, environmental assessment, traffic engineering, site plan assistance, on-site engineering design, on-site water and sewer utilities design, off-site engineering design, permitting, assistance with bidding, and construction services. Challenging aspects of the project included an expedited design and permitting schedule, an environmentally sensitive area, poor groundwater quality, and varying hydraulic and hydrologic conditions. WGI's experienced staff was able to resolve the challenging issues through innovative design, existing relationships with the local regulatory agencies, and the utilization of resources to meet deadlines.

Waterway Park, Palm Beach County, Palm Beach County Parks and Recreation, Wetland Scientist. Jerry was responsible for wetland delineation, submerged resource survey, Environmental Resource Permitting, listed species survey and permitting, GPS Tree Inventory, and Vegetation Permitting. The County's Waterway Park project involved development of a public boat ramp facility in a tidal wetland and mangrove environment. The project includes 3.96 acres of preserved and restored mangrove wetlands and a seagrass mitigation area under conservation easement on a 12.95-acre site.

Sikorsky Hanger Expansion - Pratt & Whitney Facility, Palm Beach County, Pratt & Whitney, Wetland Scientist. Jerry was responsible for wetland jurisdictional determination, Environmental Resource Permitting and Department of Army permitting and mitigation plan. The project included the expansion of the Sikorsky FAFO Hanger Fire Water Tank facility requiring wetland impacts and providing a unique approach to wetland mitigation within the 60-acre on-site wetland mitigation area that includes a combination of exotic vegetation removal, filling of ditches and swales, and a long term monitoring program to ensure the success of this restoration area.

Suncoast High School, Palm Beach County, Palm Beach County School District, Wetland Scientist. Jerry was responsible for wetland jurisdictional determination, Environmental Resource Permitting and Department of Army permitting and mitigation plan. The project included demolition of the former JFK Middle School and construction of a new campus on 24.2 acres. A 2.60-acre freshwater marsh was impacted for construction of this facility requiring wetland mitigation bank credits for compensatory mitigation which were secured at the Loxahatchee Mitigation Bank.

Rock Road Jail, St. Lucie County, St. Lucie County Board of County Commissioners, Wetland Scientist. Jerry was responsible for wetland jurisdictional determination, Environmental Resource Permitting and Department of Army permitting and mitigation plan, mitigation maintenance, and monitoring. The project included expansion of the existing St. Lucie County detention facility that impacted 0.70 acres of freshwater marsh wetlands. This resulted in preserve and mitigation of 16.52 acres of wetlands and upland compensation. This mitigation area was maintained and monitored for success, including the control of invasive exotic plant species for a period of 5 years.

Gerald Renick, CEP

Environmental

PROFESSIONAL PROFILE:
Jerry has over three decades of experience in the environmental consulting, regulatory, and restoration fields in Florida. He brings his many years of government regulatory experience to the firm, with nearly 10 years of service with Palm Beach County Department of Environmental Resources Management (ERM). He has the ability to negotiate difficult environmental issues between the private and public sectors, making his experience unique. Jerry has provided expert witness testimony in several instances. He specializes in wetland studies, jurisdictional determinations, Environmental Resource Permitting, mitigation plans, tree inventories, listed species surveys, submerged resource surveys, and dock permitting.

CERTIFICATIONS:
Certified Arborist, 1999

Certified Environmental Professional, 2009

Pesticide Applicator, 2001

Professional Wetland Scientist, 2008

EDUCATION:
Bachelor of Science, Biology - Washington College, 1984

AFFILIATIONS:
Florida Urban Forestry Council

International Society of Arboriculture

Society of Wetland Scientists

TOTAL YEARS EXPERIENCE: 32

WGI

RELEVANT EXPERIENCE

Vero Beach Properties, Millstone Landing and Lost Lake, Environmental Services, Indian River County, Lennar Homes, LLC, Environmental Consultant. Rick performed site visits to assess the three properties for wetlands, uplands and trees, and listed species and prepared three reports with a summary of findings. Two environmental assessment reports will be issued covering wetlands, uplands, and listed species issues on the sites with respect to development**.**

Scripps Research Institute Campus, Palm Beach County, Authorized Gopher Tortoise Agent. Rick performed a gopher tortoise burrow survey to identify quantity and locations of burrows in order to estimate gopher tortoise population on the property. He assisted in the permitting with Florida Fish and Wildlife Conservation Commission for the relocation of the gopher tortoises to an adjacent preserve area. Finally, Rick assisted in relocating the tortoises through bucket trapping and mechanical excavation methodologies.

St. Lucie County Mudjam, Larry Thomas, Environmental Consultant. This project included permitting an off-road vehicle jamboree for a 400-acre cattle pasture in St. Lucie County. Rick coordinated with SLC Environmental Resources Department, SLC Planning Division, SLC Fire District, SLC Sheriff's Department, SFWMD, USACE and USFWS for review of the project to protect all natural resources. Specifically, a program was developed to ensure that all identified wetlands were not only avoided, but protected, from the jamboree patrons. Prior to the first event, a survey was performed for Audubon's Crested Caracara as the site was considered suitable habitat by USFWS. No individuals were observed and USFWS approved the project. Several Mudjam events have been held at the site to great success with no impacts to the wetlands on site, despite hosting 5,000 to 7,000 patrons.

Broward Beach Renourishment Segment II, Broward County, Eastman Aggregate Enterprises, LLC, Environmental Consultant. Rick provided dune vegetation assessments and monitoring of protected bird species. WGI conducted environmental permit compliance services during construction of this major beach renourishment project in Broward County from Atlantic Boulevard to Sunrise Boulevard.

Waterway Park Boat Ramp Environmental Permitting and Listed Species Survey, Palm Beach County, Environmental Consultant. Waterway Park is composed of approximately 30 acres of land located along the west side of the Intracoastal Waterway, just south of the Indiantown Road Bridge. The project site had some sensitive environmental areas including 6.09 acres of mangrove wetland, upland habitat, gopher tortoise habitat and submerged resources below the mean high water line. In addition, the south end of the property includes 11.32 acres of mangrove restoration that is managed by Palm Beach County Environmental Resources Management Department. Rick performed extensive environmental services for the project including a wetland jurisdictional determination, seagrass and submerged resources survey, gopher tortoise survey, and a GPS tree inventory. Upon completion of the environmental surveys, comprehensive environmental permitting entitlement was achieved for project approval and development by WGI staff including mitigation and monitoring plans.

Rick Harman, Jr.

Environmental

PROFESSIONAL PROFILE:
Rick is responsible for upland and wetland determination, wetland delineation and permitting, maintenance and monitoring, due diligence for environmental assessment, tree mitigation, preservation, and relocation, regulatory compliance, and permitting. His responsibilities include GPS work, littoral and wetland plantings design, tabular tree lists, listed species surveys, preservation management plans and the preparation of permits and reports for submittal to clients and government agencies.

CERTIFICATIONS:
Certified Arborist, 2007

FDEP Stormwater Management Inspector, 2007

FWC Authorized Gopher Tortoise Agent, 2009

EDUCATION:
Bachelor of Science, Biology - Wake Forest University, 2002

AFFILIATIONS:
Florida Association of Environmental Professionals

TOTAL YEARS EXPERIENCE: 14

WGI

B. APPROACH TO PROJECT MANAGEMENT -

i. Provide a detailed narrative description of the proposed approach and methodology for engaging with City representatives while in the course of performing the duties.

The **WGI** Team has an exceptionally strong project management approach that is time tested and proven successful over a 45-year history. When authorized by the City of Delray Beach (City), **WGI** will provide the necessary professional personnel, equipment, technology and management expertise to accomplish all tasks assigned under this contract. Our staff is accommodating, and with our commitment to technology and ability to utilize the specialized equipment at our disposal, no assignment is beyond our capability. In order to properly address permitting, design, environmental, drainage, and private property ownership issues, as well as conduct an effective public outreach effort, a well-defined approach needs to be implemented and adhered to. Throughout the design process, WGI will continually communicate and solicit feedback from City representatives in order to meet the City's goals and objectives.

ii. Describe in detail Proposer's approach to the design of projects.

Project Manager Brett Oldford, PE understands that any successful project starts with a well thought out, comprehensive, and detailed scope. Prior to having a formal written contract, a significant effort must be employed to identify critical path items, potential project issues, data gaps, communications protocols, deliverables, and project schedules. This effort takes time and dedication; however, **WGI** has proven time and time again that the benefits of planning the project correctly pay significant dividends, not only throughout the design phase, but more importantly, throughout the construction phase as well.

To that end, the following steps will be taken prior to the finalization of the project service authorization:

1. Perform a site visit with City representatives prior to the development of the project scope;
2. Outline project objectives after the site visit (within 24 hours) and provide to the City for review and comment;
3. Develop a draft project scope incorporating the approved outlined project objectives and provide to the City for review and comment;
4. Coordinate with City staff to ensure the scope and deliverables are in compliance with the established schedules and budget; and
5. Finalize project scope.

The tasks below represent our typical comprehensive approach for the successful completion of a project. Individual tasks may not apply to every project depending on their size and complexity.

Initial Phase – Project Development

- Schedule a design kick-off meeting with staff and subconsultants to define the communications protocol and confirm complete understanding of the scope of services, schedule and budget;
- Perform environmental "fatal-flaw" screening to identify any major environmental issues that may pose a substantial risk to the cost or schedule for the project, such as major issues with contamination, wetlands, protected species, or permitting;
- Identify possible ways to avoid any major environmental problems to avoid incurring higher design and construction costs later;
- Coordinate with subconsultants on their role and communicate plan expectations, including deliverables, timing of submittals, and budgetary constraints;
- Conduct desktop analyses of existing environmental data, such as reviewing previous environmental reports and evaluating existing GIS data; thus streamlining the labor-intensive field work phase later;
- Identify all environmental permits that may be needed, and identify what information will be needed for each permit application.
- Conduct field work as needed, such as soil and groundwater sampling, wetland delineations, protected species surveys, tree inventories, and seagrass surveys; and
- Meet with City staff to review the preliminary findings and discuss the approach to the project from the information gathered in this phase.

Preliminary Design Development of Plan/Report – (30% Phase)

- Prepare a draft report of environmental findings, such a wetland report with the jurisdictional determination, wetland delineation, and wetland scoring (e.g., UMAM scoring);

- Guide the engineering design to avoid or minimize environmental impacts to the extent practicable;
- Prepare preliminary (30%) environmental mitigation design plans and/or reports which include supporting calculations, cost estimates, and a schedule;
- Conduct pre-application meetings with environmental regulatory agencies;
- Initiate a Peer Review of the 30% plans and incorporate comments into the plans or report;
- Coordinate with subconsultants to establish the scope of deliverables and timing of submittals; and
- Meet with City staff to present the 30% plans, reports and preliminary calculations and establish a timeframe for when comments will be received from staff.

Conceptual Development of Plan/Report – (60% Phase)

- Prepare 60% environmental mitigation design plans/reports including supporting calculations, specifications, construction cost estimates, and a schedule. This phase will incorporate comments received from the City in the 30% conceptual design phase, including input and permit requirements/ conditions from the regulatory agencies;
- Prepare and coordinate legal documents and exhibits that will be needed for construction,for contaminated sites this could include documents such as a Remedial Action Plan, a Health and Safety Plan, and an Engineering Control Management Plan;
- Perform peer review and quality control review on plans/reports, calculations, and specifications;
- Prepare and submit permit applications to required agencies. WGI incorporates a systematic approach to permit follow-up and tracking. We pride ourselves on our ability to address permit issues and secure permits in a timely manner;
- Address all comments received from the permitting agencies and make the required changes to the plan and supporting documents to secure the permits. WGI will always keep the best interests of the City in mind when negotiating with the regulatory agencies. We have the experience and expertise to know when a regulatory requirement is arbitrary and capricious and will do everything we can do to protect the City and mitigate any unnecessary requirements placed in the permits;
- Meet with the City staff, if necessary, and present the 60% plans/report and preliminary calculations and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Final Design Development of Plans/Report – (100% Phase)

- Prepare final (100%) documents including final reports, bid tabulation forms, specifications, plans, calculations, and final cost estimates. This phase will incorporate comments received from the City in the 60% design phase, including input received from the regulatory agencies;
- Perform a final peer review and quality control review on plans/reports, calculations and specifications;
- Secure all permits and inform the City of any special conditions or conditions that may affect the schedule or budget;
- Meet with the City Staff to discuss the final plans/reports and permits and discuss how they will affect the implementation of the project;
- If needed, make permit modifications to match the final design;
- Assist the City in preparing final bid documents and establish timeframes for when the project will be initiated; and
- Present project before the City Commission.

Post-Design (Construction Phase)

- Evaluate the Contractor's proposed means and methods for construction to ensure compliance with the environmental permits;
- f needed, extend the permit expiration dates and make permit modifications to match the Contractor's means and methods;
- Relocate protected species immediately before construction start (e.g., gopher tortoises, burrowing owls);
- Document pre-construction environmental conditions so the Contractor, not the City, is held responsible for any accidental damage to environmental resources;

- Conduct the environmental permit compliance monitoring (e.g., turbidity monitoring, wildlife monitoring, tree protection, wetland mitigation monitoring, erosion control inspections); and
- Submit the permit compliance reports to the regulatory agencies and close the permits.

iii. Narrative that demonstrates working knowledge and understanding of the Professional Services requirements in this RFQ.

WGI has successfully worked with the City of Delray Beach for years. Our in-depth knowledge of the character and uniqueness of the City includes the intrinsic differences between its neighborhoods and the vision and intent the City's administrative staff has adopted with the approval of the Complete Streets Policy in November of 2016.

We understand that the projects included in this contract will cover all aspects of the City's municipal infrastructure, including complete neighborhoods, utilities, stormwater, parks, seawalls, structural inspections, coastal and environmental design, transportation and traffic studies, and CEI services.

The City is empowered with the fiduciary responsibility to provide its residents with services that support safe, efficient, and practical solutions to their needs. In order to accomplish this, the City and consultants must reach out to the residents to both inform them of the project, as well as to solicit input that will help guide the design of the improvements.

iv. Details of how work under a Service Authorization will be implemented and how services will be provided.

Over the past decade, WGI has prepared countless Service Authorization proposals, which include the establishment of a comprehensive scope of work, detailed hourly labor breakdown, and a project schedule. The Service Authorization, in conjunction with the Master Contract, become the consultant's contract for services of the specific project.

The improvements for each project will be designed and implemented using WGI's proven project approach described above, allowing time in the schedule to include all data collection efforts, records research, design development, periodic reviews by City staff, and the critical process of public involvement.

v. Specify the location(s), including the complete physical address, where the work will be performed, including work performed by subcontractors, if applicable.

The entirety of the work under this contract will be performed by firms located in Palm Beach County. The address of WGI's corporate headquarters, and those of our subcontractors, are listed below.

WGI
2035 Vista Parkway
West Palm Beach, FL 33411

HCE
270 South Central Boulevard, Suite 207
Jupiter, Florida 33458

CB&I
2481 NW Boca Raton Boulevard
Boca Raton, Florida, 33431

Collective Water Resources
8461 Lake Worth Road #231
Lake Worth, Florida 33467

vi. Proposer shall thoroughly explain:

1. Its accessibility in the areas of availability for meetings, general communications, coordination, and supervision

In previous sections, WGI has stated our commitment to the City of Delray Beach under this contract, but the best evidence of this commitment is our track record with the City over the past decade. WGI staff will make adjustments to our schedule to eliminate conflicts and make ourselves available for any and all meetings with the City. Providing timely responses and being available outside of normal business hours is part of the WGI culture and is embraced by our associates. WGI understands that several of the City's staff members arrive early to work or stay after hours, so it's only appropriate that we make ourselves available as well.

WGI has several levels of supervision available, not only to associates providing services to the City, but to City staff

as well. We routinely attend City meetings with at least two staff members and collaborate on project development with an active contract manager, as well as the project manager and design team.

2. Primary method for attending meetings and how much advance notice is required.
WGI attends meetings in person and is available to meet with a 24-hour notice, but has commonly attended meetings with City staff that have been scheduled the same day.

3. How the proposer physically plans on attending pre-scheduled meetings.
WGI will attend pre-scheduled meetings in person, with multiple staff members.

4. How the proposer plans on ensuring accessibility and availability during the term of the agreement.
With 180 staff members located in our West Palm Beach office, WGI commits to immediate accessibility and constant availability during the term of the agreement.

C. PROJECTS FOR SIMILAR SERVICES
List up to five projects that Proposer has provided Professional Services since September 1, 2011 to include the following information:

1. INDIANTOWN ROAD DOCK PERMITTING
i. Organization/Owner Name: Palm Beach County Parks and Recreation Department, and Department of Facilities Development and Operations
ii. Address: Palm Beach County, Florida
iii. Project date (Start/End): 2010 to 2015
iv. Status of project: Complete
v. Scope: Environmental/Natural Resources, Environmental permitting for South Florida Water Management District and U.S. Army Corps of Engineers for a new boat ramp and day dock facility along the Intracoastal Waterway just south of Indiantown Road.

2. PGA BOULEVARD INTRACOASTAL WATERWAY PERMITTING
i. Organization/Owner Name: Foxford Communities FL, LLC
ii. Address: Palm Beach County, Florida
iii. Project date (Start/End): 2015 to Current
iv. Status of project: Complete
v. Scope: Environmental/Natural Resources, Environmental permitting for South Florida Water Management District and U.S. Army Corps of Engineers for 6 new wet slips for a residential community along the Intracoastal Waterway just south of PGA Boulevard.

3. USACE EVERGLADES MANGROVE PERMITTING
i. Organization/Owner Name: D&D Constantakos, Inc.
ii. Address: Miami-Dade, Monroe, and Collier Counties, Florida
iii. Project date (Start/End): 2016 to current
iv. Status of project: Ongoing
v. Scope: Environmental/Natural Resources, Apply for USACE permit to excavate jurisdictional wetlands (mangroves) to improve tidal flushing of a private ditch system. Mitigation will be with estuarine credit purchase at Everglades Mitigation Bank

4. SEA ACRES HYDROGRAPHIC SURVEY AND PERMITS
i. Organization/Owner Name: Sea Acres Way, LLC
ii. Address: North Palm Beach, Florida
iii. Project date (Start/End): 2017 Ongoing
iv. Status of project: Ongoing
v. Scope: Environmental/Natural Resources, Conduct hydrographic survey of lagoon bottom to determine muck quantities. Apply for FDEP & USACE permit to excavate jurisdictional wetlands (mangroves) to improve tidal flushing of a private lagoon system. Mitigation will be provided with estuarine credit purchase at Everglades Mitigation Bank.

5. SEAGRASS TIDAL FLUSHING

i. Organization/Owner Name: Sea Acres Way, LLC
ii. Address: North Palm Beach, Florida
iii. Project date (Start/End): 3/15 - 3/16
iv. Status of project: Complete
v. Scope: Environmental/Natural Resources, Apply for USACE permit to excavate jurisdictional wetlands (mangroves) to improve tidal flushing of a private ditch system. Mitigation was provided with estuarine credit purchase at Everglades Mitigation Bank.

D. ORGANIZATIONAL STRUCTURE

i. Details of Proposer's staffing resources, at the location that will provide services to the City as well as corporately, by discipline and the number of personnel within each discipline.

WGI'S WEST PALM BEACH CORPORATE OFFICE WILL PROVIDE SERVICES FOR THE CITY.

- **Administrative 36**
- **Biologist 1**
- **CADD Tech 9**
- **Civil Engineer 11**
- **Environmental Scientist 4**
- **Geologist 2**
- **Land Surveyor 60**
- **Landscape Architect 13**
- **Planner: Urban/Regional 9**
- **Structural Engineer 6**
- **Transportation Engineer 12**
- **Engineer Intern 14**
- **Other Employees 3**
- **TOTAL 180**

ii. If Proposer's staffing resources includes sub-consultants, submit the name of the firm(s) who will perform each discipline. If more than one firm is listed for a discipline, then label which firm is the primary firm for that discipline. Firms may perform more than one discipline.

- **CB&I Environmental & Infrastructure, Inc.(CBI) will be providing Coastal & Marine Engineering under the direction of WGI.**
- **Holtz Consulting Engineers (HCE) and Collective Water Resources (CWR) will be providing Water Resources under the direction of WGI**

iii. Submit an organizational diagram clearly identifying key personnel as well as other staffing resources who will provide services to the City. For each individual in the organization diagram, include each individual's name, title, firm and their functional relationship to each other.

Please see Organization Chart on the following page.

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TEAM ORGANIZATIONAL CHART

PRINCIPAL-IN-CHARGE
Michael L. Davis, Senior VP (WGI)

CONTRACT MANAGER
Brian LaMotte, PE, LEED AP (WGI)

QA / QC
Richard Hasko, PE (WGI)

PROJECT MANAGER
Brett Oldford, PE (WGI)

1. ENGINEERING
Tom Mueller, PE (WGI)
Jimmy Richie, PE (WGI)
Corey Hill, PE (WGI)
Stephen Cherry, EI (WGI)

4. CIVIL ENGINEERING
Adam Schildmeier, PE (WGI)
Chris Holmes, PE (WGI)
Brian Arnold, PE (WGI)

8. ENVIRONMENTAL
John Abbott, PG (WGI)
Greg Griffith (WGI)
Jerry Renick, CEP (WGI)
Rick Harman (WGI)

2. SURVEY
Sam Hall, PSM (WGI)
Pat Meeds, PSM (WGI)
Eric Matthews, PSM (WGI)
Eric Andelin, CP, GISP (WGI)
Jason Alvarez, CST II (WGI)

6. STRUCTURAL
Brian Rheault, PE (WGI)
Chris LaForte, PE (WGI)
Tim Sherwood, BI (WGI)
Jeff Bergmann, PE (WGI)
Tim DeLand, PE (WGI)

9. WATER RESOURCES
Jerry Saval, PE, CFM (WGI)
Cesar Pena, PE (WGI)
Liz Perez, PE, D.WRE, CFM (CWR)
David Holtz, PE (HCE)
Christine Miranda, PE (HCE)

3. LANDSCAPE ARCHITECTURE
Jason Mihalovits, PLA, LEED AP (WGI)
Cheryl Callender, PLA, LEED, GA (WGI)
Angela Biagi, PLA, LEED BD+C (WGI)
Bryan Donahue, PLA (WGI)
Colin McCann, PLA (WGI)

7. TRANSPORTATION
Keegan Larson, PE (WGI)
Jeremy Botto, PE (WGI)
Mike Madison, PE (WGI)
Juan Ortega, PhD, PE (WGI)
Chad Johnson, EI (WGI)

10. COASTAL & MARINE ENGINEERING
Thomas Pierro, PE, DCE (CBI)
Tara Brenner, PG, PE (CBI)
Douglas Mann, PE, DCE (CBI)
Jordon Cheifet, PE, CFM (CBI)
Spencer Waganaar, EI (CBI)

ADDITIONAL SERVICES

PUBLIC INVOLVEMENT / OUTREACH
Jennifer Hofmeister, AICP (WGI)
Veronica Sanchez (WGI)

SUBSURFACE UTILITY ENGINEERING
Erik Brueningsen, PE (WGI)
Matt Phillips (WGI)
Fred Bachman (WGI)

UTILITY COORDINATION
Alan Boaz (WGI)
Bob Lowen (WGI)

TEAM

Wantman Group, Inc. (WGI)
Holtz Consulting Engineers (HCE)
CB&I (CBI)
Collective Water Resources (CWR)

iv. A written response clearly defining responsibilities, contractual relationships and roles of all individual in the organizational diagram.

Michael L. Davis, Senior Vice President, Principal-in-Charge - Environmental
- As the Principal-in-Charge and a **WGI** officer, Michael provides the City, **WGI's** commitment to high quality professional services. Michael will also be working with the Environmental team.

Brett Oldford, PE - Project Manager - Civil Engineering
- Brett will serve as the Project Manager. Brett will be responsible for all project related items and be responsible for the overall delivery of the project. Brett will be the point person for all contact between the City of Delray Beach and **WGI**. Brett will also be working with the Civil Engineering Team.

Brian LaMotte, PE LEED AP - Contract Manager - Engineering
- Brian will serve as the Contract Manager. Brian will be responsible for developing the final scope of services and negotiating the fee for the project**.** Brian will also be working with the Engineering team.

Richard Hasko, PE - QA/QC - Civil Engineering
- Richard will serve as the QA/QC Manager. Richard will be responsible for implementation of the **WGI** QA/QC policy, ensuring every product that is submitted meets or exceeds the quality standards set by both **WGI** and the City of Delray Beach. Richard will also be working with the Civil Engineering team.

Tom Mueller, PE - Engineering
- Tom will serve as the technical lead for engineering design related services and be responsible for the completion of all engineering design related deliverables.

Jimmy Richie, PE - Engineering
- Jimmy will provide support to Tom for all engineering design related deliverables.

Corey Hill, PE - Engineering
- Corey will provide support to Tom for all engineering design related deliverables.

Stephen Cherry, EI - Engineering
- Stephen will provide support to Tom for all engineering design related deliverables.

Sam Hall, PSM - Survey
- Sam will serve as the technical lead for survey related services and be responsible for the completion of all survey related deliverables.

Pat Meeds, PSM - Survey
- Pat will provide support to Sam for all survey related deliverables.

Eric Matthews, PSM - Survey
- Eric will provide support to Sam for all survey related deliverables.

Eric Andelin, CP, GISP - Survey
- Eric will provide support to Sam for all survey related deliverables.

Jason Alvarez, CST II - Survey
- Jason will provide support to Sam for all survey related deliverables.

Jason Mihalovits, PLA, LEED AP - Landscape Architecture
- Jason will serve as the technical lead for landscape architecture related services and be responsible for the completion of all landscape architecture related deliverables.

Cheryl Callendar, PLA, LEED Green Associate - Landscape Architecture
- Cheryl will provide support to Jason for all landscape architecture related deliverables.

Angela Biagi, PLA, LEED BD+C - Landscape Architecture
- Angela will provide support to Jason for all landscape architecture related deliverables.

Bryan Donahue, PLA, - Landscape Architecture
- Bryan will provide support to Jason for all landscape architecture related deliverables.

Colin McCann, PLA, - Landscape Architecture
- Colin will provide support to Jason for all landscape architecture related deliverables.

Adam Schildmeier, PE - Civil Engineering
- Adam will serve as the technical lead for civil engineering design related services and be responsible for the completion of all civil engineering design related deliverables.

Chris Holmes, PE - Civil Engineering
- Chris will provide support to Adam for all civil engineering design related deliverables.

Brian Arnold, PE - Civil Engineering
- Brian will provide support to Adam for all civil engineering design related deliverables.

Brian Rheault, PE - Structural
- Brian will serve as the technical lead for structural related services and be responsible for the completion of all structural related deliverables.

Chris LaForte, PE - Structural
- Chris will provide support to Brian for all structural design related deliverables.

Tim Sherwood, BI, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Jeff Bergmann, PE - Structural
- Jeff will provide support to Brian for all structural design related deliverables.

Tim DeLand, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Keegan Larson, PE - Transportation
- Keegan will serve as the technical lead for transportation related services and be responsible for the completion of all transportation related deliverables.

Jeremy Botto, PE - Transportation
- Jeremy will provide support to Keegan for all transportation related deliverables.

Mike Madison, PE - Transportation
- Mike will provide support to Keegan for all transportation related deliverables.

Juan Ortega, PhD, PE - Transportation
- Juan will provide support to Keegan for all transportation related deliverables.

Chad Johnson, EI - Transportation
- Chad will provide support to Keegan for all transportation related deliverables.

John Abbott, PG - Environmental
- John will serve as the technical lead for environmental related services and be responsible for the completion of all environmental related deliverables.

Greg Griffith - Environmental
- Greg will provide support to John for all environmental related deliverables.

Jerry Renick - Environmental
- Jerry will provide support to John for all environmental related deliverables.

Rick Harman - Environmental
- Rick will provide support to John for all environmental related deliverables.

Jerry Saval, PE, CFM - Water Resources
- Jerry will serve as the technical lead for water resources related services and be responsible for the completion of all water resources related deliverables.

Cesar Pena, PE - Water Resources
- Cesar will provide support to Jerry for all water resources related deliverables.

Liz Perez, PE, D.WRE, CFM - Water Resources
- Liz will provide support to Jerry for all water resources related deliverables.

David Holtz, PE - Water Resources
- David will provide support to Jerry for all water resources related deliverables.

Christine Miranda, PE - Water Resources
- Christine will provide support to Jerry for all water resources related deliverables.

Thomas Pierro, PE, DCE - Coastal and Marine Engineering
- Tom will serve as the technical lead for coastal and marine engineering related services and be responsible for the completion of all coastal and marine engineering related deliverables.

Tara Brenner, PG, PE - Coastal and Marine Engineering
- Tara will provide support to Tom for all coastal and marine engineering related deliverables.

Douglas Mann, PE, DCE - Coastal and Marine Engineering
- Doug will provide support to Tom for all coastal and marine engineering related deliverables.

Jordon Cheifet, PE, CFM - Coastal and Marine Engineering
- Jordon will provide support to Tom for all coastal and marine engineering related deliverables.

Spencer Waganaar, EI - Coastal and Marine Engineering
- Spencer will provide support to Tom for all coastal and marine engineering related deliverables.

Jennifer Hofmeister, AICP - Public Involvement /Outreach - Additional Services
- Jennifer will serve as the technical lead for public involvement design related services and be responsible for the completion of all public involvement related deliverables.

Veronica Sanchez - Public Involvement /Outreach - Additional Services
- Veronica will provide support to Jennifer for all public involvement related deliverables.

Erik Brueningsen, PE - Subsurface Utility Engineering - Additional Services
- Erik will serve as the technical lead for subsurface utility engineering related services and be responsible for the completion of all subsurface utility engineering related deliverables.

Matt Phillips - Subsurface Utility Engineering - Additional Services
- Matt will provide support to Erik for all subsurface utility engineering related deliverables.

Fred Bachman - Subsurface Utility Engineering - Additional Services
- Fred will provide support to Erik for all subsurface utility engineering related deliverables.

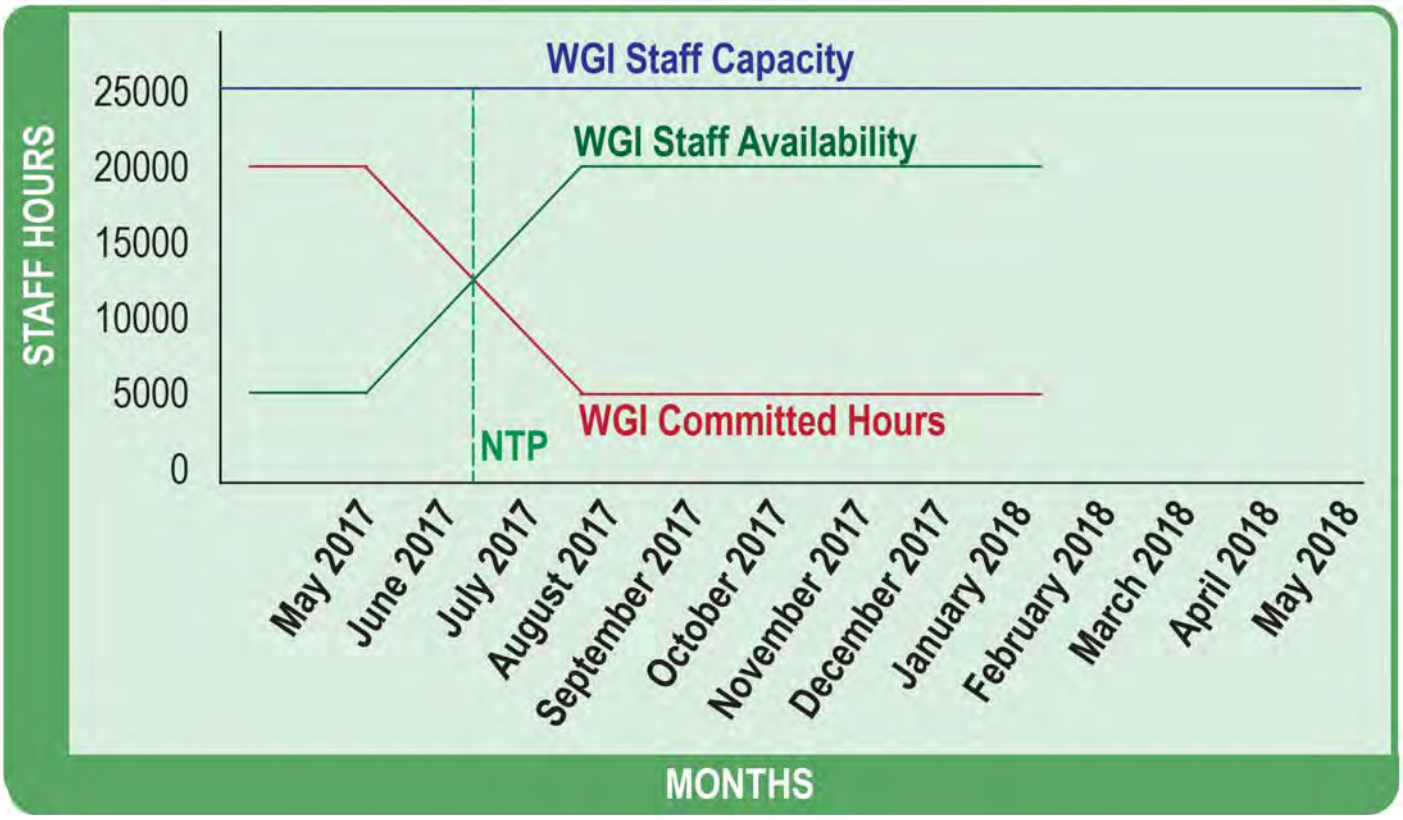
Alan Boaz - Utility Coordination - Additional Services
- Alan will serve as the technical lead for dry utility coordination related services and be responsible for the completion of all dry utility coordination related deliverables.

Bob Lowen - Utility Coordination - Additional Services
- Bob will provide support to Alan for all dry utility coordination related deliverables.

v. A narrative detailing Proposer's recent, current, and projected workloads at the time of submission and provide a statement of Proposer's commitment of personnel and other resources for the City project by providing a signed letter of commitment.

WGI understands that an important aspect of a continuing services, task driven contract is the team's ability to provide the necessary depth of staff for immediate response and the ability to manage multiple assignments simultaneously and effectively. We recognize that contracts of this nature present assignments that are unique in scope, often fast tracked and dependent on staff resources, which can, if not managed properly, present overload and delay challenges. **WGI** has maintained task driven continuing services contracts for many years and has the experience and resources necessary to anticipate and compensate for these challenges through efficient scheduling and a dedicated work force. **Specifically, WGI has provided the City of Delray Beach quality consulting services since July 2007. The success of our relationship is driven by the dedication of a team of individuals solely to the City. This means that technically proficient staff members familiar with the City's needs are available to provide immediate response to any request.**

Because **WGI** specializes in public sector contracts, it has the capacity to respond to the assignments and service authorizations anticipated from the City. These public sector contracts support a more stable scheduling and resource management protocol, across the **WGI** multi-discipline divisions. Regardless of the nature, location, or technical complexity of the assignment, **WGI** brings the experience, technical resources, and depth of staff to deliver the results you require. This contract has the full attention of our entire team.



Please see Commitment Letter on the following page.

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May 17, 2017

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

RE: CITY OF DELRAY BEACH RFQ NO. 2017-048
CONTINUING ENGINEERING, SURVEYING, AND LANDSCAPING ARCHITECTURAL CONSULTING SERVICES (918-42, 918-89, 906-56)

Dear Selection Committee Members,

WGI'S COMMITMENT

The most important qualification **WGI** brings to the City is the commitment of the firm, at all levels, to develop successful deliverables, deliverables that are technically sound, on schedule and within budgetary requirements. Our key personnel selected for this project are dedicated and will be available to the City for the duration of the contract. The depth of our team with 300 professionals, including 180 registered engineers, landscape architects, planners, environmental scientists, surveyors, and other professionals based in Palm Beach County will provide ample capacity and availability to competently complete all assignments in a timely manner. Our commitment has been clearly demonstrated by **WGI's** superior service and professionalism over the years in providing similar services on a continuing basis for numerous counties and municipalities in South Florida. As the **Principal-in-Charge** and a **WGI Officer**, I provide the City **WGI's** commitment to high quality professional services.

We look forward to demonstrating our ability and unequivocal commitment while serving the City of Delray Beach.

Sincerely,
WANTMAN GROUP, INC.

Michael L. Davis
Senior Vice President
Principal-in-Charge

vi. A narrative detailing all key personnel's recent, current and projected workloads at the time of submission and provide a statement of the availability of each for the City's project.

The key personnel below are currently assigned to the Delray Beach Continuing Contract and a portion of their time is already designated to servicing the needs of the City. Over the past ten years, **WGI** has developed a successful working relationship that provides timely responses to any of the City's needs.

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Michael L. Davis	WGI	Principal-in-Charge Environmental	30%	35%	40%
Brett Oldford, PE	WGI	Project Manager Civil Engineering	35%	45%	50%
Brian LaMotte, PE, LEED AP	WGI	Contract Manager Engineering	25%	40%	45%
Richard Hasko, PE	WGI	QA/QC Civil Engineering	20%	30%	45%
Tom Mueller, PE	WGI	Engineering	40%	45%	50%
Jimmy Richie, PE	WGI	Engineering	20%	35%	50%
Corey Hill, PE	WGI	Engineering	25%	35%	40%
Stephen Cherry, EI	WGI	Engineering	25%	45%	45%
Sam Hall, PSM	WGI	Survey	35%	35%	40%
Pat Meeds, PSM	WGI	Survey	30%	30%	35%
Eric Matthews, PSM	WGI	Survey	25%	25%	30%
Eric Andelin, CP, GISP	WGI	Survey	40%	45%	55%
Jason Alvarez, CST II	WGI	Survey	25%	30%	35%
Jason Mihalovits, PLA, LEED AP	WGI	Landscape Architecture	25%	40%	40%
Cheryl Callender, PLA, LEED Green Associate	WGI	Landscape Architecture	30%	35%	35%
Angela Biagi, PLA, LEED BD+C	WGI	Landscape Architecture	35%	35%	35%
Bryan Donahue, PLA	WGI	Landscape Architecture	30%	20%	35%
Colin McCann, PLA	WGI	Landscape Architecture	30%	35%	45%
Adam Schildmeier, PE	WGI	Civil Engineering	40%	40%	45%
Chris Holmes, PE	WGI	Civil Engineering	20%	30%	40%
Brian Arnold, PE	WGI	Civil Engineering	20%	30%	40%
Brian Rheault, PE	WGI	Structural	25%	30%	35%
Chris LaForte, PE	WGI	Structural	30%	40%	45%
Tim Sherwood, BI, PE	WGI	Structural	25%	40%	45%
Jeff Bergmann, PE	WGI	Structural	30%	35%	45%
Tim DeLand, PE	WGI	Structural	25%	35%	40%
Keegan Larson, PE	WGI	Transportation	25%	30%	35%
Jeremy Botto, PE	WGI	Transportation	25%	30%	35%

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Mike Madison, PE	WGI	Transportation	20%	30%	35%
Juan Ortega, PhD, PE	WGI	Transportation	20%	35%	35%
Chad Johnson, EI	WGI	Transportation	30%	35%	35%
John Abbott, PG	WGI	Environmental	25%	30%	30%
Greg Griffith	WGI	Environmental	20%	25%	25%
Jerry Renick	WGI	Environmental	20%	25%	25%
Rick Harman	WGI	Environmental	25%	35%	40%
Jerry Saval, PE, CFM	WGI	Water Resources	30%	40%	50%
Cesar Pena, PE	WGI	Water Resources	25%	35%	45%
Liz Perez, PE, D.WRE, CFM	CWR	Water Resources	15%	25%	25%
David Holtz, PE	HCE	Water Resources	20%	25%	25%
Christine Miranda, PE	HCE	Water Resources	20%	30%	30%
Thomas Pierro, PE, DCE	CBI	Coastal and Marine Engineering	25%	30%	35%
Tara Brenner, PG, PE	CBI	Coastal and Marine Engineering	25%	30%	35%
Douglas Mann, PE, DCE	CBI	Coastal and Marine Engineering	25%	35%	35%
Jordon Cheifet, PE, CFM	CBI	Coastal and Marine Engineering	20%	30%	40%
Spencer Waganaar, EI	CBI	Coastal and Marine Engineering	25%	25%	35%

Tab 9: Water Resources / Stormwater Management

Chapter 4 PROPOSAL RESPONSE REQUIREMENTS
9 - Water Resources/Stormwater Management

A. EXPERIENCE

i. Identify each Professional Service discipline and/or sub-discipline in which Proposer wishes to be considered for award of an Agreement.

WGI wishes to be considered for the following disciplines:

(1) Engineering
(2) Surveying and Mapping
(3) Landscaping architectural design services
(4) Civil
(6) Structural
(7) Transportation
(8) Environmental / Natural Resources
(9) Water Resources/Stormwater Management (includes stormwater, potable water, reuse water, conveyance, supply, transmission, treatment, storage)
(10) Coastal and Marine Engineering

ii. Detailed narrative description documenting Proposer's overall Professional Services background and experience in each Professional Service discipline or sub-discipline in which Proposer wishes to be considered for award of an Agreement as follows:

a. Experience in the following:

(9) Water Resources/Stormwater Management

WGI has teamed with two specialty Palm Beach County subconsultants to provide a comprehensive suite of services, capable of executing any project anticipated under the City of Delray Beach's continuing service contract. **Collective Water Resources, LLC,** located in Lake Worth, provides water resource and stormwater solutions and **Holtz Consulting Engineers, Inc.**, located in Jupiter, provides utility design services.

WATER RESOURCES/STORMWATER MANAGEMENT

WGI's understanding of the natural systems affecting Florida's ground and surface water is second to none. We provide world-class engineering solutions that deliver, conserve, and manage water resources cost-efficiently and sustainably. Our highly qualified team addresses complex stormwater quantity and quality, water supply and storage, sedimentation, drainage, and flood control issues. Our Certified Floodplain Managers (CFM) provide floodplain management from simple map revisions to complex floodplain modeling including bridges, culverts, and 1-D and 2-D modeling. We are well versed in the latest models and design techniques to ensure cost-effective design solutions for our clients. **WGI** professionals, with proven expertise in environmental regulatory processes and a sound understanding of the natural systems affecting ground and surface water, deliver quality projects within the confines of regulatory budgetary and permitting constraints.

- Roadway drainage
- Bridge, culvert and canal hydraulic analysis and design
- Master, regional and joint-use stormwater management plans and designs
- Stormwater quality treatment system, NPDES and TMDL design and permitting
- Design of canals, channels, storm sewers, pumps, and retention/detention facilities
- Stream restoration watershed, channel and stream bank stability studies
- Hydrologic and hydraulic modeling
- Wetland hydroperiod analysis
- Watershed master planning, evaluation and restoration
- Floodplain and floodway engineering
- FEMA planning, mapping, post flood assessments, FIS's, PMR's, CLOMR's, and LOMR's
- Floodway encroachment analysis for FEMA flood insurance studies

- Best management practice designs
- Municipal, state, regional, and federal permitting
- Riverine and tidal flood studies including no-rise certifications
- Specifications and construction management

Collective Water Resources, LLC (CW) was founded in 2012 to serve Florida's public agencies with customized and holistic solutions to water resources and stormwater challenges through the effective application of technology. They employ eight water resources experts (five of which are licensed professional water resources engineers). Their areas of focus are:

- Being unbiased and effective technical advocates
- Providing practical, professional, and insightful assistance – regardless of project size
- Agile leadership on emerging water resources technologies and GIS

CW is a registered engineering firm licensed in the State of Florida and is a fully woman-owned small business with offices in Lake Worth (main office) and Vero Beach. Many of their engineers live in southern Palm Beach County – including the firm principal and key leadership for this contract.

CW engineers have worked for municipalities throughout Florida. They understand the many challenges that face water resource managers and stand prepared to assist the City with stormwater support for challenges at all levels - planning (data collection, hydrologic/hydraulic modeling, GIS), coordination with regulatory agencies (e.g. SFWMD, ACOE, FDEP, etc.), water quality, design development and documentation, stormwater planning, vulnerability/sustainability assessments, and asset management. Furthermore, the firm has been at the forefront of the shift to analytical and holistical-driven planning efforts for sea level rise and climate change throughout Florida. The science and analyses are improving rapidly and we are dedicated to the issues that are emerging at the municipal level. CW's clients include City of West Palm Beach, Palm Beach County, South Florida Water Management District, St. Johns Water Management District, City of Vero Beach, City of Ft. Lauderdale, Central Broward Water Control District, and the City of Aventura – among others.

POTABLE WATER, REUSE WATER, AND SANITARY SEWER TRANSMISSION, COLLECTION, TREATMENT AND STORAGE

Holtz Consulting Engineers (HCE)

HCE is a local engineering firm that specializes in providing quality, cost-effective, and responsive engineering service to water and wastewater utilities in Southeast Florida. They are a certified small and minority business with offices conveniently located in Jupiter and Stuart. **HCE's** staff bring many years of comprehensive engineering experience and currently employs six professional engineers, two project engineers, three experienced designer/drafters, and two construction managers/inspectors. The firm specializes in providing utility engineering services to local utility clients primarily in Palm Beach, Martin, and St. Lucie counties. **HCE's** engineering and management expertise include the following areas:

- Wastewater collection/transmission, treatment, reuse, and disposal
- Water treatment, storage, and distribution
- Water supply wells and raw water pumping and conveyance
- Reclaimed water production, storage, and distribution systems
- Permitting of infrastructure and plant improvements
- Biosolids treatment and handling systems
- Master planning, capital improvement planning, budgeting assistance, and asset management
- Hydraulic modeling of water distribution, raw water conveyance, wastewater collection, and reclaimed water distribution systems
- Construction management services including inspection and start-up services
- Water resource management and alternative water supply
- Grant writing and administration

HCE and our other team members provide significant experience and capabilities in all phases of project implementation for the City, including planning, hydraulic modeling, condition assessments, rehabilitation, preliminary engineering and final design, public relations and communication, grant writing and administration, permitting, procurement, construction services, and project start-up and close-out. **WGI** prides itself on providing

timely and cost-effective engineering and management service to local utilities, with an emphasis on listening and understanding the needs of our clients on each assignment. As long-time residents of the area and members of the community, we are committed to the success of all of our projects and the clients that we serve.

b. Experience in other related services that complement the above referenced Professional Services.

SUBSURFACE UTILITY ENGINEERING (SUE)

With over 30 years of experience, **SUE Division Manager Erik Brueningsen, PE**, proficiently manages any utility locating or utility coordination task that may arise. The prime objective of any utility locating assignment is a well-documented, high quality deliverable completed on time and within budget. In this regard, **WGI's** approach to utility locating focuses on providing solutions to your utility concerns; not simply obtaining location coordinates. Each assignment is viewed individually to determine the best approach, in light of the overall project objective, so as to achieve a cost-effective and quality driven deliverable. Using the most current technology available and a "best practices" approach, our associates are trained to provide Quality Level investigations per the ASCE and FDOT current guidelines. Our in-house tools and extensive field experience are not the end of our investigations; our excellent relationships with area Utility Agency Owners (UAOs) serve to expedite requests for available records, permits and as-builts to supplement all field investigations. This leads to the highest possible likelihood that all facilities will be identified and located, then correlated to their respective owners. With three "Vac" trucks, a full range of professional utility support services, and experienced personnel highly trained in surveying and mapping, Ground Penetrating Radar (GPR), vacuum excavation, high-definition laser scanning, Global Positioning Systems (GPS), Geographic Information Systems (GIS) and Computer Aided Design (CAD), **WGI** provides comprehensive services that are second to none.

UTILITY COORDINATION

WGI understands that effective utility coordination play a critical role in the successful completion of any project. **Robert Lowen**, 42 years of service for AT&T, and **Alan Boaz**, 33 years of service for FPL, provide a depth of resources and contacts that are unmatched in the industry. Our coordination efforts begin by completing a Sunshine State One Call of Florida (SSOCOF) design ticket, used to identify participating UAOs that have existing or potential interests within the project limits. We recognize that not every UAO is an active member of SSOCOF; therefore, we seek out other UAOs through points of contact with participating UAOs, the existing **WGI** Utility Database, **WGI's** history with ongoing and completed projects, and other available sources. Research will be conducted to obtain all executed utility work schedules, utility records or utility as-built prints, as well as all plans for other proposed improvements. All utility information collected from the UAOs and our own field investigation will be incorporated into project plans for identification and avoidance of utility conflicts.

An important aspect of utility certification is the complete documentation of the utility process and the deliverables. In every case, all final documents must be clear and concise without need for additional clarification. Emphasis is placed on utility conflict avoidance, an area in which we excel. Our roadway, utility design and construction experience, combined with our design-build problem solving, provides unique insight into the art and science of utility conflict identification and innovative design resolution.

The objective of this contract is to serve the City on a wide range of utility location and utility coordination assignments of varying complexity. The WGI Team was assembled for exactly this purpose. Schedule is paramount, immediate response is a priority, and providing the depth of resources to handle multiple simultaneous assignments is critical in ensuring that assignments are handled on time and within budget.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has diverse viewpoints and concerns on issues pertaining to their specific neighborhood needs. When the public is involved in the decision-making process, such input has a real potential to positively shape the final set of actions and outcomes. Equally important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Successful public participation activities are those that involve the most affected stakeholders, are easily accessible, relevant,

timely, and appropriate for the intended goals of the public involvement planning process. To that end, it is critical that all involved have a clear understanding of the project's goals, objectives and strategies.

WGI's planners and designers have in-depth experience with redevelopment activities that involve removing the social barriers implanted by the corridors within a community. An example of this local understanding is shared by **Jennifer Hofmeister, AICP, WGI's** public outreach coordinator and director of public planning. While a neighborhood planner for the City of Delray Beach, Jennifer was educated on the historical significance of Swinton Avenue during and post segregation. She was an advocate for the African-American neighborhoods, with regular attendance at neighborhood meetings, and worked alongside the residents in developing neighborhood plans and implementing neighborhood improvement projects. Similarly, Jennifer was the former project manager for the Pleasant City neighborhood and the Northwood District in the City of West Palm Beach. During her tenure with the West Palm Beach CRA, she served as the medium between the community and the CRA where she implemented programs to revitalize the area and redesign physical elements that represented social barriers within the community.

Jennifer currently oversees a four-year, $40M road program in the City of Lake Worth. As Lake Worth's Public Involvement Coordinator, she has developed an extensive Public Involvement Plan that serves as a guide for ongoing public participation throughout the design and construction of the road program. **WGI** developed and maintains a multi-lingual interactive website and hotline for the City of Lake Worth offering residents a point of contact and serving as an information center for public inquiry. The Coordinator role maintains consistency, cohesiveness, and collaboration among City staff and consultants, resulting in the most effective public outreach and engagement process possible.

Additionally, **WGI** has been retained by the Westgate CRA to conduct a Westgate Corridor Streetscape Study, funded by the Florida Department of Economic Opportunity (FDEO). The Study will guide the development of a streetscape plan to improve walkability and other multi-modal transportation opportunities. Simultaneously, the goal of the plan is to beautify and enhance the area to attract new investment and promote economic development opportunities. As mentioned, a critical component to the success of any public project is participation from those most affected. For this effort, the public participation process incorporated a two-part planning design charrette that provided a forum for ideas and offered the unique advantage of giving immediate feedback to the **WGI** planners and designers. More importantly, it allowed everyone who participated to take part in authoring the plan.

Finally, **WGI** public outreach efforts include a citizen-driven "Complete Streets" project for one of West Palm Beach's premier gateways, Banyan Boulevard, in the downtown. The Banyan Boulevard Improvement Project is more than a physical redesign of a West Palm Beach downtown corridor. If properly executed, the project has the power to unite, physically and socially, historically significant West Palm Beach neighborhoods and business districts, and the people who reside and work within them. With that historical insight, the **WGI** Team approach is to bring our passion and expertise out to the community and, through the eyes of the residents, uncover a new gateway to the heart of the downtown

c. WGI's awards, certifications, or other recognition received by Proposer relative to work on projects in the designated Professional Services.

WGI has won several engineering awards for both traditional design-bid-build projects as well as design-build projects. We pride ourselves on the accomplishments we have made in the design of our clients' projects.

Listed below are awards WGI has won in the past three years:

- ✓ 2014 Engineer's Council Distinguished Engineering Project Achievement Award – Big John Monahan
- ✓ 2014 Zweig White Hot Firm – A Top 100 Firm (#41)
- ✓ 2014 Zweig White "Best Firms to Work For" Award
- ✓ South Florida Business Journal – Top 25 Engineering Firms #6 (June 2014) (# of PEs)
- ✓ 2014 Inc. 500/5000 List - #3767
- ✓ 2014 DBIA Florida Project of the Year Award – Big John Monahan Bridge Replacement Design-Build
- ✓ 2014 DBIA Florida Best Overall Design-Build Project of the Year – Big John Monahan Bridge Replacement
- ✓ 2015 ACEC National Recognition Award – Big John Monahan Bridge Replacement
- ✓ 2015 Florida Institute of Consulting Engineers Grand Award – Big John Monahan Bridge Replacement
- ✓ 2015 ENR Top 500 Design Firms - #338
- ✓ 2015 ENR Southeast Top Design Firms - #24
- ✓ 2015 Zweig Group Top 100 Fastest Growing Companies - #39
- ✓ 2015 Zweig Group Best Firms to Work For - #42
- ✓ 2015 South Florida Business Journal Top 100 Fastest Growing Companies - #70
- ✓ 2015 South Florida Business Journal Top 25 Engineering Firms - #6
- ✓ 2015 Inc. 5000 Fastest Growing Private Companies - #3425
- ✓ 2015 South Florida Business Journal Fast 50 Honoree - #12
- ✓ 2015 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue - #23
- ✓ 2016 South Florida Business Journal Top 100 Fastest Growing Companies - #60
- ✓ 2016 South Florida Business Journal Top 25 Engineering Firms - #10
- ✓ 2016 ENR Top 500 Design Firms - #253
- ✓ 2016 ENR Southeast Top Design Firms - #17
- ✓ 2016 Zweig Group Hot Firms List (Top 100 Fastest Growing Companies) - #5
- ✓ 2016 Zweig Group Best Firms to Work For - #19
- ✓ 2016 Zweig Group Marketing Excellence Award – 1st place in Internal Marketing; 2nd place in Integrated Marketing
- ✓ 2016 Zweig Group Trifecta Award
- ✓ 2016 South Florida Business Journal Fast 50 Honoree - #7
- ✓ 2016 Inc5000 - #1609
- ✓ 2016 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue
- ✓ 2016 DBIA Florida Honor Award for US 41 from SR 951 to Greenway Road Design-Build
- ✓ 2016 Statewide Business Journal Fast 100 List - #37
- ✓ 2017 University of Florida Gator 100 Fast Growing Companies - #29
- ✓ 2017 South Florida Business Journal Top 25 Engineering Firms - #5

iii. Submit five client references for whom Proposer has provided Professional Services similar to those specified in this RFQ in the past five years and who are agreeable to respond to a request from the City regarding proposer's experience.

REFERENCE 1 - E-3 Canal Bank Stabilization - WGI

a. Organization name: City of Port St. Lucie
b. Contact name(s): Colt Schwerdt, PE
c. Contact email address: cschwerdt@cityofpsl.com
d. Address: 3121 SW Port St. Lucie Boulevard, Port St. Lucie, Florida 34984
e. Telephone and fax numbers: Phone: 772.871.7644 Fax: 772.871.7397
f. Dates of service (start/end): From: 08/2015 To: 06/2016
g. Scope (Type of Professional Service provided): WGI was selected by the City of Port St. Lucie to provide professional engineering design for the E-3 Canal Bank Stabilization project. The canal banks were failing and needed to be stabilized to prevent further loss and damage. Design Phase I included researching the existing soil design parameters, geotechnical analysis report, conceptual typical canal cross-sections for the recommended options, preliminary cost estimates and meeting with City staff to select an improvement option. Design Phase II consists of finalizing the typical canal cross-section, preparation of construction plans, specifications, engineers cost estimate, bid specifications, permitting, utility coordination and public information meetings. WGI will also perform underground utility location and tree vegetation removal assessments, regulatory permitting, outreach plan implementation, and assist with bidding and construction management of proposed phased improvements.

2 - SW 10TH AVENUE WATERMAIN IMPROVEMENTS - WGI

a. Organization name: City of Delray Beach
b. Contact name(s): Isaac Kovner, PE
c. Contact email address: kovner@mydelraybeach.com
d. Address: 434 S. Swinton Avenue, Delray Beach, Florida 33444
e. Telephone and fax numbers: Phone: 561.243.7322 Fax: 561.243.7060
f. Dates of service (start/end): From: 2011 To: 2012
g. Scope (Type of Professional Service provided): WGI was responsible for the design, surveying and permitting of an 8" watermain upgrade for a 2-block section in the City, as well as removal of an existing watermain. In addition to a new 8" watermain, the design included coordinating existing sanitary and water service locations and their proposed tie-in location in an effort to minimize the replacement of existing services, service inactivity, swale reconstruction and pavement rehabilitation. WGI also provided a boundary, location and topographic survey, as well as subsurface utility engineering services for locating and designation of underground utilities to ensure conflict avoidance

REFERENCE 3 - City of West Palm Beach Stormwater Master Plan 2014-2016, General Engineering Services (Various Work Orders) - CWR

a. Organization name: City of West Palm Beach – Public Utilities
b. Contact name(s): Dr. Poonam Kalkat, Public Utilities Director
c. Contact email address: pkalkat@wpb.org
d. Address:401 Clematis Street, West Palm Beach, Florida 33402
e. Telephone and fax numbers: Phone: 561-644-9323 Fax: N/A
f. Dates of service (start/end): From: 2014 To: 2016
g. Scope (Type of Professional Service provided): Collective Water Resources is working collaboratively on several projects for the City. Most notably, Collective Water is leading a comprehensive Stormwater Master Plan. The project scope includes - among many other tasks - stormwater utility analysis, outreach, grant support, ordinance review and revision, GIS, modeling, and CIP development/refinement. The team has also assisted on numerous issues related to ordinance revisions, water quality, FEMA advocacy, low impact development/ green infrastructure, and various regulatory matters.

REFERENCE 4 - Various Projects - Seacoast Utility Authority - Holtz

a. Organization name: Seacoast Utility Authority
b. Contact name(s): Rim Bishop, Executive Director
c. Contact email address: rbishop@sua.com
d. Address: 4200 Hood Road, Palm Beach Gardens, Florida 33410
e. Telephone and fax numbers: Phone: 561-627-2800 Fax: 561-624-2839
f. Dates of service (start/end): From: 2009 To: Ongoing
g. Scope (Type of Professional Service provided): Mr. Holtz manages HCE's general consulting services for the Seacoast Utility Authority (SUA). He has served as Client Service Manager for improvements to the wastewater treatment plant, a nanofiltration WTP nanofiltration force main, lined storage tanks and pump station to blend with reclaimed water, raw wastewater collection and force main replacements, water distribution system improvements and numerous raw water production wells and raw water force mains.

REFERENCE 5 - Various Projects - Martin County Utilities & Solid Waste, Technical Services Division

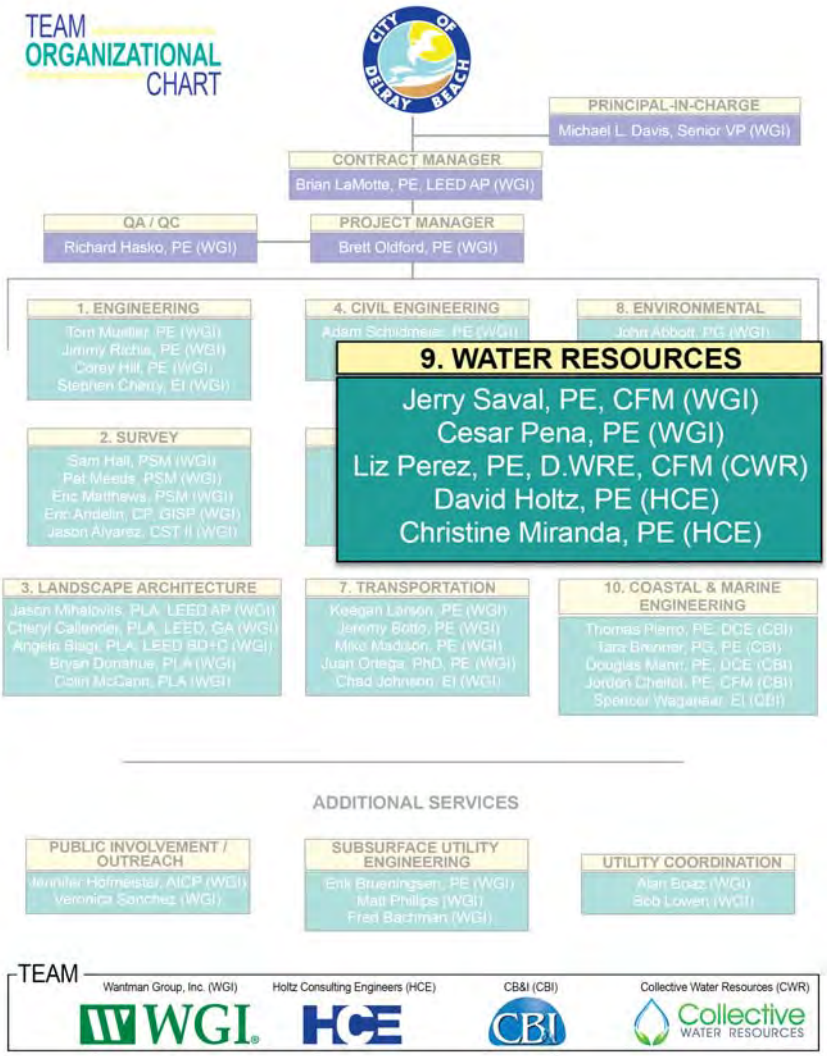
a. Organization name: Martin County Utilities & Solid Waste, Technical Services Division
b. Contact name(s): Jeremy Covey, PE
c. Contact email address: jcovey@martin.fl.us
d. Address:2378 S.E. Ocean Boulevard, Stuart, FL 34995
e. Telephone and fax numbers: Phone: 772-221-2353 Fax: 772 -221-1447
f. Dates of service (start/end): From: 02/2011 To: Ongoing
g. Scope (Type of Professional Service provided): Mr. Holtz has assisted Martin County Utilities with general engineering consulting and implementation of numerous utility and infrastructure improvements projects. Utility improvement projects that Mr. Holtz helped implement include new return sludge and waste activated sludge

pumping facilities at the North and Tropical Farms Wastewater Treatment Plants, an in-line wastewater booster pump station at the Martin Downs site, new reclaimed water storage and pumping facilities at the Tropical Farms WWTP, biological odor control systems for two existing lift stations, and assistance with biosolids treatment facilities at both WWTPs. Mr. Holtz has also assisted with wastewater treatment plant permit renewals, deep-well mechanical integrity testing and replacement of a dual-zone monitor well and updating of the wastewater and reclaimed water master plan.

iv. Submit the following information documenting experience of the key personnel proposed by Proposer to include, but not limited to the following:

a. List of up to five key personnel who are proposed for work on this project to include any subcontractors.

- ✓ Jerry Saval, PE, CFM (WGI)
- ✓ Cesar Pena, PE (WGI)
- ✓ Liz Perez, PE, D.WRE, CFM
- ✓ (CWR) David Holtz, PE (HCE)
- ✓ Christine Miranda, PE (HCE)



b. Provide the role of each of the above referenced personnel within the provision of services.

- ✓ Jerry Saval, PE, CFM (WGI) - technical lead for stormwater management
- ✓ Cesar Pena, PE (WGI) - project engineer for stormwater management
- ✓ Liz Perez, PE, D.WRE, CFM (CWR) - senior professional engineer for stormwater management
- ✓ David Holtz, PE (HCE) - technical lead for potable water, reuse water, and sanitary sewer
- ✓ Christine Miranda, PE (HCE) - senior professional engineer for potable water, reuse water, and sanitary sewer

c. For each key personnel listed above, provide a resume/bio of the individuals experience, qualifications, work history, education and any related licenses and certifications.

(see the following pages)

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RELEVANT EXPERIENCE

Hood Road Extension from Alternate A1A to Prosperity Farms Road, Palm Beach County, Project Engineer. Jerry performed surface water management analysis and coordinated roadway drainage design with an adjacent residential development. This project consisted of the extension of Hood Road east from Alternate A1A (SR 811) to Prosperity Farms Road (1.2 miles). The extension included the design of a two-lane roundabout within the limits to accommodate an exclusive community's main entrance in lieu of signalizing the entrance. Additionally, traffic calming devices were designed and placed periodically along the extension route as safety enhancements for the new roadway. The project also included the design of a new mast arm-based signal at the intersection of Hood Road and SR 811, approximately 200 feet away from an existing Florida East Coast Railway at-grade railroad crossing.

Central Park Commerce Center - Phase 1 Services, Palm Beach County, Cielo Data Centers, LLC, Project Engineer. WGI provided surveying, planning, engineering, landscape architecture, and irrigation design services for the development of more than 2 million square feet of data centers. The project, which is anticipated to be the largest single-site data center in the eastern United States incorporating 8 individual data centers ranging from 18 MW to 27 MW, is located on 138 acres in western Palm Beach County. Innovative design concepts will be employed to design and construct infrastructure that includes traditional underground utilities (water, sewer, power and communications), as well as redundant power delivery, and dedicated water supply for the facilities cooling tower needs. The finished floor elevation of the buildings will be designed more than four feet above the 500 year flood elevation.

E-3 Canal Bank Stabilization, St. Lucie County, City of Port St. Lucie, Project Engineer. WGI was selected by the City of Port St. Lucie to provide professional engineering design for the E-3 Canal Bank Stabilization project. The canal banks were failing and needed to be stabilized to prevent further loss and damage. Design Phase I included researching the existing soil design parameters, geotechnical analysis report, conceptual typical canal cross-sections for the recommended options, preliminary cost estimates, and meeting with City staff to select an improvement option. Design Phase II consists of finalizing the typical canal cross-section, preparation of construction plans, specifications, engineers cost estimate, bid specifications, permitting, utility coordination, and public information meetings.

Shops of San Marco, Palm Beach County, Regency Centers, Project Engineer. Jerry provided paving and drainage design, water and sewer design and offsite roadway improvements. He coordinated permitting efforts with agencies and performed construction inspection and certification. WGI services included the site development for a 26-acre, 194,600-square foot commercial center. The project included design and construction services for the water distribution system, sewage collection system, surface water management system, and paving and grading plan. The design and construction of these facilities required permitting through South Florida Water Management District, Lake Worth Drainage District, Palm Beach County Water Utilities, Palm Beach County Health Department, and the Palm Beach County Engineering Department.

Kabbalah Learning Centre, Palm Beach County, Project Engineer. The Kabbalah Learning Centre is located on West Palmetto Park Road in unincorporated Palm Beach County. The 2.6-acre project consisted of a 24,700-square foot institutional building that included a sanctuary, meeting rooms, and residential apartments. The project included design and permitting of the water distribution and sewage collection systems, stormwater drainage systems, and paving and grading plans.

Jerry Saval, PE, CFM

Water Resources / Stormwater Management

PROFESSIONAL PROFILE:
Jerry has more than 36 years of experience in the planning, design, permitting, and construction of water, wastewater, drainage, and roadway-related projects for municipal and private clients. His responsibilities have included supervising staff engineers on design and plans preparation. He works closely with the project design team, including the subconsultants and permitting agencies, to ensure that final design plans meet client needs and industry criteria.

REGISTRATIONS:
Professional Engineer: Florida #36168, 1985

CERTIFICATIONS:
Certified Floodplain Manager, 2014

EDUCATION:
Bachelor of Science, Civil Engineering - University of Florida, 1981

AFFILIATIONS:
American Society of Civil Engineers

Florida Engineering Society

National Society of Professional Engineers

TOTAL YEARS EXPERIENCE: 36

WGI

RELEVANT EXPERIENCE

E-3 Canal Bank Stabilization, St. Lucie County, City of Port St. Lucie, Project Engineer. Cesar was the senior project engineer to provide professional engineering design for the E-3 Canal Bank Stabilization project. The canal banks were failing and needed to be stabilized to prevent further loss and damage. Design Phase I included researching the existing soil design parameters, geotechnical analysis report, conceptual typical canal cross-sections for the recommended options, preliminary cost estimates, and meeting with City staff to select an improvement option. Design Phase II consisted of finalizing the typical canal cross-section, preparation of construction plans, specifications, engineers cost estimate, bid specifications, permitting, utility coordination, and public information meetings.

Design Services for Oslo Road (CR 606) from 82nd Avenue to 58th Avenue, Indian River County, FDOT District 4, Drainage Engineer. Cesar was the drainage engineer of record, leading the drainage design and plans production. This project will widen the existing 2-lane rural roadway to a 4-lane divided suburban roadway with median, as well as installing outside curb and gutter, 7-foot bike lanes and 5-foot sidewalks on both sides. The project parallels an Indian River Farms Water Control District (IRFWCD) canal that will require a 20-foot maintenance berm between the roadway and the canal. This project will expand upon the PD&E study and will coordinate with the adjacent I-95 Oslo Road Interchange. The widening will enhance the effectiveness of Oslo Road as a primary truck route and create a four-lane evacuation route to I-95 for south Indian River County and north St. Lucie County. WGI is a subconsultant providing utility coordination and drainage design. The utility coordination will involve early coordination with the utilities within the corridor. The drainage design will involve designing a new storm sewer collection system that will be connected to three proposed offsite ponds. The ponds will provide water quality treatment to meet SJRWMD nutrient loading criteria and will reduce peak flows to meet the IRFWCD discharge criteria.

Park Avenue Ditch Embankment Protection, Leon County, City of Tallahassee, Project Engineer. This project consisted of rehabilitating an existing ditch due to excessive erosion in the area of the East Park Avenue watershed. The open channel project limits begin at the pedestrian bridge east of the overpass carrying Blairstone Road, and continue under the overpass to a point approximately 50 feet west of the overpass for an approximate length of 450 feet. The design and analysis consist of erosion and embankment protection measures for the existing ditch.

Australian Avenue at Palm Beach Lakes Boulevard Intersection Improvements, Palm Beach County, Palm Beach County Roadway Production, Project Engineer. The project consisted of the construction of an eastbound turning lane on Palm Beach Lakes Boulevard between Australian Avenue and Carver Avenue and drainage improvements on the west side of Australian Avenue and south side of Palm Beach Lakes Boulevard. The main objective of the drainage improvements was to provide relief to the existing drainage outfalls south of the intersection of Australian Avenue and Palm Beach Lakes Boulevard. This was accomplished by reconstructing part of the existing drainage trunk line south of the intersection and routing collected stormwater east to the Carver Canal via a new larger drainage trunk line along the south side of Palm Beach Lakes Boulevard. Limits of drainage improvements along Australian Avenue are from south of 10th Street to Palm Beach Lakes Boulevard.

Cesar Pena, PE

Water Resources / Stormwater Management

PROFESSIONAL PROFILE:
Cesar is a professional engineer with over 20 years experience in the transportation, land development, utilities and water resources field. He has extensive experience in roadway design and land development including horizontal and vertical design, storm sewer and utility design.

REGISTRATIONS:
Professional Engineer: Florida #65510, 2007

EDUCATION:
Bachelor of Science, Civil Engineering - University of Puerto Rico, 1993

AFFILIATIONS:
Florida Engineering Society

TOTAL YEARS EXPERIENCE: 20

WGI

ELIZABETH M. PEREZ, PE, D.WRE, CFM

President and Founder

Elizabeth Perez is President and Founder of Collective Water Resources, LLC. Liz has established a strong reputation as a water resources expert throughout Florida. Most notably, she has served as a member of the National Energy, Environment, and Water Policy Committee within the American Society of Civil Engineers and is a co-author on the 8th and upcoming 9th Edition of the textbook *Water Supply and Pollution Control*. Her 18 years of broad professional experience includes watershed management, H&H modeling, GIS, regulatory advocacy, climate change/sea level rise, and the creation of stormwater programmatic guidance for various public agencies.

REPRESENTATIVE PROJECT EXPERIENCE

Stormwater Master Plan, City of West Palm Beach. *Project Manager.*

Collective Water Resources is currently the prime consultant that is coordinating the City of West Palm Beach's Stormwater Master Plan. The project will provide the services to develop a final product that will help the City guide its stormwater management program for the next 30 years and beyond. This Stormwater Master Plan includes a comprehensive and progressive scope - especially aspects of hydrologic/ hydraulic analysis and modeling, GIS, stormwater atlas enhancements, outreach, grant funding, CRS program enhancements, water quality analysis, climate change/ sea level rise, BMP implementation, CIP refinement and many other considerations for enhancement of the City's stormwater resources.

Model Review & FEMA Data Advocacy, City of West Palm Beach and Palm Beach County. *Project Manager.*

Ms. Perez coordinated the response to the proposed preliminary Digital Flood Insurance Rate Maps (DFIRMs) on behalf of the City and Palm Beach County. This extensive effort included the coordination of comprehensive response the DFIRMs and technically advocating for the City/County to FEMA and their consultants. Acted as an extension of staff to respond to FEMA's inquiries and requests for data in a timely manner. To date, it is estimated that this effort will remove approximately 6900 parcels from AE zones and result in flood insurance savings to constituents in excess of an estimated $30 million+ annually.

Life-Cycle Analysis, Phases 2 and 3, South Florida Water Management District. *Project Engineer, Data Mining and Refinement.*

Ms. Perez coordinated the review of over 800 water control structures to develop a cost model for the Life Cycle Analysis Tool for the SFWMD. The project required working closely with staff and extensive data mining to develop standard cost models for culverts, locks, pumps, and weirs. Ms. Perez used a combination of spreadsheets and GIS to populate the dataset, which is being converted to a tool as part of Phase 3. The team, led by Atkins, was so successful as part of Phase 2 that the contract is being developed for an aggressive Phase 3 to turn the spreadsheet into a free-standing application.

Hydraulic Analysis, Village Royale. *Lead Modeler*

Provided hydraulic analysis for complex bridge geometry on C-51 Canal in central Palm Beach County. Ms. Perez built a HEC-RAS model to support the analyses and used information from SFWMD's unsteady RAS model to support the project. The report and permit was processed with no requests for additional information for the hydraulic considerations from both SFWMD and the ACOE.

EDUCATION

BS, Environmental Engineering, University of Florida

MS, Civil Engineering, Georgia Institute of Technology

REGISTRATIONS

PE, Florida (61023)

Diplomate, American Academy of Water Resources Engineering (D.WRE)

Certified Floodplain Manager

AFFILIATIONS

Board of Directors, Florida Stormwater Association

Former Committee Member – ASCE's National Energy, Environment, and Water Policy Committee

2016 Associate Member of the Year – Palm Beach County League of Cities

Board Member, Gale Academy for Environmental Studies at Forest Hill High School

2015 Integrated Water Resources Award Winner, Florida Water Environment Association

Stormwater Master Plan Modeling and Design Implementation, City of Fort Lauderdale. *QA/QC Team*
Collective Water Resources is a sub-consultant serving as the stormwater modeling lead for the City of Fort Lauderdale's Stormwater Master Plan Modeling and Design Implementation supporting the development and implementation of a hydraulic/hydrological stormwater model of the City of Ft. Lauderdale. The model will consist of a comprehensive analysis of the existing and proposed stormwater systems, and how they react to different boundary conditions, including future projected climatological conditions. Based on the model results conceptual and sustainable solutions for individual neighborhood capital improvement projects will be developed, specifically in the areas found to be most susceptible to chronic flooding. Collective Water supported the modeling task kick-off meeting, completed a literature review of surface and groundwater modeling applicable to the City, developed the conceptual modeling approach and standards that are being applied City-wide by three modeling teams, is currently developing hydrologic and hydraulic models for three of ten watersheds, will prepare the City-wide model by integrating all ten watersheds, will perform existing and future conditions simulations, will be responsible for determining the current and future flood protection level-of-service provided to buildings, critical facilities and roadways, will conduct a modeling results workshop, and will develop and implement training to City staff on the model. Ms. Perez has worked heavily on the overall project approach - as well as the QA/QC Team.

General Engineering Services: Datura Green Street Improvements, City of West Palm Beach. *Project Manager.*
Collective Water Resources is providing the City of West Palm Beach professional engineering and consulting services providing water resources and storm sewer design for the Datura Green Street Improvements Work Authorization. As Project Manager, Ms. Perez is coordinating a diverse team to integrate green stormwater infrastructure within the northern right-of-way of Datura Street, located in downtown West Palm Beach. The project includes a civil design, landscape design, and surveying professionals. The project includes a strong educational component and public outreach.

Watershed Management Program, Southwest Florida Water Management. *Project Manager.*
Project manager and engineer for comprehensive master planning, modeling, floodplain mapping, and watershed planning efforts for over 100 square miles of watersheds throughout Florida. The projects involved extensive GIS and model integration. Capital improvement projects were developed and refined throughout the watershed planning process (for both water quantity and quality) and were considered a key element. Final project deliverables included geodatabases, models, floodplains, watershed management plans (master plans), and technical support data notebooks (among others). Projects were optimized using GPS technology and GIS-based modeling tools. Ms. Perez presented on the DFIRM process and floodplains during a series of presentations to affected stakeholders, City and County officials, and SWFWMD staff throughout many of the projects.

Stormwater Manual and Land Development Regulation Revisions, Sarasota County. *Project Manager.*
Project manager and co-author of stormwater manual for County-wide use. Developed process flow chart, review checklists, and standards for review of ICPR models and GIS deliverables for land development reviews throughout the County. This process was first in the State to provide a basis for the County to integrate new development into their models while reviewing the proposed hydrologic modifications.

Selected Publications and Presentations

- Grand Engineering Challenges Seminar Series/Invited Speaker on Clean Drinking Water, University of Florida. *2015.*
- *Water Supply and Pollution Control*, 8th and 9th Editions/Pearson-Prentice Hall. *2008.*
- *The Role of Technology in Water Resources* (Co-Author and Editor, Book)/American Society of Civil Engineers. *2008.*
- Stormwater Modeling and Analysis/Course Instructor, University of Florida TREEO Center, *2006-2007.*

David Holtz is co-founder of Holtz Consulting Engineers and helps oversee the management of the company and execution and quality control for capital improvement project for numerous public utilities in Southeast Florida. He has over 30 years of comprehensive water, wastewater and reclaimed water engineering experience in Florida and has been the Engineer of Record for numerous significant utility improvement projects.

Project Related Experience

Martin County Utilities – Mr. Holtz has assisted Martin County Utilities with general engineering consulting and implementation of numerous utility and infrastructure improvements projects. Utility improvement projects that Mr. Holtz helped implement include new return sludge and waste activated sludge pumping facilities at the North and Tropical Farms Wastewater Treatment Plants, an in-line wastewater booster pump station at the Martin Downs site, new reclaimed water storage and pumping facilities at the Tropical Farms WWTP, biological odor control systems for two existing lift stations, and assistance with biosolids treatment facilities at both WWTPs. Mr. Holtz has also assisted with wastewater treatment plant permit renewals, deep-well mechanical integrity testing and replacement of a dual-zone monitor well and updating of the wastewater and reclaimed water master plan.

Seacoast Utility Authority – Mr. Holtz manages HCE's general consulting services for the Seacoast Utility Authority (SUA). He has served as Client Service Manager for improvements to the wastewater treatment plant, a nanofiltration WTP nanofiltration force main, lined storage tanks and pump station to blend with reclaimed water, raw wastewater collection and force main replacements, water distribution system improvements and numerous raw water production wells and raw water force mains.

East Central Regional Water Reclamation Facility Board – HCE is one of the general engineering consultants to the East Central Regional Water Reclamation Facility (ECRWRF) Board, which manages the 70-mgd ECRWRF Mr. Holtz has served in this capacity since the Board's inception in 1992. He has successfully assisted in the management and operation of the ECRWRF and implementation of numerous improvements to and expansion of the facility. His responsibilities include implementation of projects, regulatory support, planning and budgeting assistance and assisting with operations and maintenance.

Belle Glade Water Main Extension Project – Palm Beach County Water Utilities Department – Project involved providing quality assurance and oversight on the HCE design of a new 16-inch and 12-inch water main in Belle Glade. The new 16-inch transmission water main will connect to the existing 16-inch water main on State Road 80 at the intersection of State Road 15 and run south to the intersection of Gator Boulevard. At the Gator Boulevard intersection the main will be reduced to a 12-inch main and continue east to the entrance of a sugar mill. The new 3.2-mile main will connect to the Repump Station located on State Road 15 and will include hydrants and stub-outs for future connections. This project is currently under construction.

Concentrate Force Main and Blending Pump Station – Seacoast Utility Authority – Mr. Holtz provided oversight and quality assurance for a project to convey nanofiltration concentrate 3.8 miles from the Hood Road WTP to the PGA WWTP where it is discharged into a 5-MG line storage pond. The 16-inch HDPE force main included directional drilling of Interstate 95, Florida's Turnpike and several other large local roads. Concentrate is then pumped from the storage pond using two vertical-turbine can pumps to the end of the chlorine contact chambers where it is blended with reclaimed water for beneficial use by SUA's reuse customers. The project was completed on time and under budget and was partially funded with a grant from the SFWMD.

Education

Bachelor of Science in Environmental Engineering, University of Florida, 1985
Masters of Engineering in Environmental Engineering, University of Florida, 1987

Registration

Professional Engineer, Registration No. 42595, Florida

Professional Affiliations

Board Certified Environmental Engineer, American Academy of Environmental Engineers

Christine Miranda has been a Client Service Manager and Project Manager with Holtz Consulting Engineers, Inc. since 2012. Ms. Miranda is experienced in successfully managing multiple projects, from small, fast paced projects to large projects with numerous disciplines and subconsultants. She brings over 17 years of experience in the design of water treatment and distribution systems, wastewater treatment and collection systems, pumping stations, effluent disposal systems, and biosolids management.

Project Related Experience

Roan Lane Force Main Replacement Project – Seacoast Utility Authority – This project includes the replacement of an 8-inch asbestos cement force main along Roan Lane in Palm Beach Gardens. HCE is providing engineering design of approximately 2,700 linear feet of force main being replaced. The new force main is to be installed by directional drill methods.

Water Distribution Improvements - City of Stuart
Project included design, permitting, and Florida Department of Environmental Protection (FDEP) State Revolving Fund funding assistance, of approximately 59,000 linear feet of 6-inch through 12-inch water mains in existing residential neighborhoods and commercial developments for the City of Stuart. The new mains will replace inadequately sized mains, looped dead ends, old mains, and increase fire protection for the City. The mains are located in City, County, and Florida Department of Transportation right-of-ways.

Turtle Creek Series Septic to Sewer Conversion – Loxahatchee River District – HCE is currently assisting the Loxahatchee River District with the implementation of a sanitary sewer program in Martin County throughout the Turtle Creek community in Tequesta. This project includes the survey, design, permitting, bidding, and services during construction of approximately 12,000 linear feet of both gravity and low-pressure sewer systems to serve 138 residences which are currently on septic systems. The project was broken up into four phases. Phase I is currently under construction, Phase II is bidding, and the remaining two phases are under design.

Pine Ridge Park Water and Wastewater System Improvements – Okeechobee Utility Authority – This project will connect the existing 150 customers within the Pine Ridge Park service area to Okeechobee Utility Authority's (OUA) water and wastewater system. Project includes preliminary design and routing analysis, design, permitting, and bidding of water distribution system and wastewater collection improvements.

Lift Station No. 548 Odor Control Improvements – Martin County Utilities –
Engineer-of-record for improvements to an existing master lift station located in the Palm City area of the MCU service area including a new odor control system. Data was gathered on the hydrogen sulfide levels in the lift station and an evaluation of various odor control treatment methods. A biological odor control system was selected, and design included the necessary electrical, structural, and mechanical appurtenances for the odor control system, as well as a visual barrier surrounding the lift station.

Condition and Risk Assessment of Master Wastewater Repump Stations – Palm Beach County Water Utilities Department – Project involved comprehensive condition assessment and criticality analysis for eight (8) master wastewater Repump Stations (Regional Pump Stations: 5, 9N, 9S, 5229, 5236, 5241, Northern Region Pumping Facility and Westgate/Belvedere Homes Master Vacuum Pump Station) in the Palm Beach County Wastewater Collection System. In addition to the assessment, an emergency contingency plan will be developed for each master Repump Station identifying key equipment and bypass protocols in the event of system upset. This project is complete.

Education

Bachelor of Science in BioResource Engineering, Rutgers University, 1999

Registration

Professional Engineer, Registration No. 60906, State of Florida

Professional Affiliations

Florida Water Environment Association, Past Director-At-Large, American Water Works Association, Member, St. Lucie County Leadership, Graduate Class 26

B. APPROACH TO PROJECT MANAGEMENT -

i. Provide a detailed narrative description of the proposed approach and methodology for engaging with City representatives while in the course of performing the duties.

The **WGI** Team has an exceptionally strong project management approach that is time tested and proven successful over a 45-year history. When authorized by the City of Delray Beach (City), **WGI** will provide the necessary professional personnel, equipment, technology and management expertise to accomplish all tasks assigned under this contract. Our staff is accommodating, and with our commitment to technology and ability to utilize the specialized equipment at our disposal, no assignment is beyond our capability. In order to properly address permitting, design, environmental, drainage, and private property ownership issues, as well as conduct an effective public outreach effort, a well-defined approach needs to be implemented and adhered to. Throughout the design process, WGI will continually communicate and solicit feedback from City representatives in order to meet the City's goals and objectives.

ii. Describe in detail Proposer's approach to the design of projects.

Project Manager Brett Oldford, PE understands that any successful project starts with a well thought out, comprehensive, and detailed scope. Prior to having a formal written contract, a significant effort must be employed to identify critical path items, potential project issues, data gaps, communications protocols, deliverables, and project schedules. This effort takes time and dedication; however, **WGI** has proven time and time again that the benefits of planning the project correctly pay significant dividends, not only throughout the design phase, but more importantly, throughout the construction phase as well.

To that end, the following steps will be taken prior to the finalization of the project service authorization:

1. Perform a site visit with City representatives prior to the development of the project scope;
2. Outline project objectives after the site visit (within 24 hours) and provide to the City for review and comment;
3. Develop a draft project scope incorporating the approved outlined project objectives and provide to the City for review and comment;
4. Coordinate with City staff to ensure the scope and deliverables are in compliance with the established schedules and budget; and
5. Finalize project scope.

The tasks below represent our typical comprehensive approach for the successful completion of a project. Individual tasks may not apply to every project depending on their size and complexity.

Initial Phase – Project Development

- Schedule a design kick-off meeting with staff and subconsultants to define the communications protocol and confirm complete understanding of the scope of services, schedule and budget;
- Coordinate engineering design activities including surveys, inspections and evaluations, collection of data, engineering feasibility reports and studies, and cost estimates. Utility coordination with providers such as FP&L, CATV, and others must occur during this step to identify potential conflicts and to define the resolution of those conflicts;
- Coordinate with subconsultants on their role and communicate plan expectations, including deliverables, timing of submittals, and budgetary constraints;
- Complete any necessary field surveying including, but not limited to, establishing a primary horizontal and vertical control network utilizing either conventional or GPS methodology, and performing a topographic survey utilizing either Total Station with data collectors or GPS equipment that meets minimum technical standards;
- If necessary, perform subsurface utility evaluations, using WGI's latest "soft dig" and ground penetrating radar technology. The data is then incorporated into the survey;
- Meet with City staff to review the preliminary findings and discuss the approach to the project from the information gathered in this phase; and
- Define the scope and scheduling for the public outreach for the program.

Preliminary Design Development of Plan/Report – (30% Phase)

- Prepare preliminary (30%) design plans and/or reports which include supporting calculations, cost estimates, and a schedule;

- Conduct pre-application meetings with regulatory agencies;
- Initiate a peer review of the 30% plans and incorporate comments into the plans or report;
- Coordinate with subconsultants to establish the scope of deliverables and timing of submittals;
- Meet with City staff to present the 30% plans, reports and preliminary calculations, and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Conceptual Development of Plan/Report – (60% Phase)

- Prepare 60% design plans/reports including supporting calculations, specifications, construction cost estimates, and a schedule. This phase will incorporate comments received from the City in the 30% conceptual design phase, including input and permit requirements/conditions from the regulatory agencies;
- Prepare and coordinate legal documents and exhibits that will be needed for construction, ingress/egress, or infrastructure improvements.
- Perform peer review and quality control review on plans/reports, calculations, and specifications;
- Prepare and submit permit applications to required agencies. WGI incorporates a systematic approach to permit follow-up and tracking. We pride ourselves on our ability to address permit issues and secure permits in a timely manner;
- Address all comments received from the permitting agencies and make the required changes to the plan and supporting documents to secure the permits. WGI will always keep the best interests of the City in mind when negotiating with the regulatory agencies. We have the experience and expertise to know when a regulatory requirement is arbitrary and capricious and will do everything we can do to protect the City and mitigate any unnecessary requirements placed in the permits;
- Meet with the City staff, if necessary, and present the 60% plans/report and preliminary calculations and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Final Design Development of Plans/Report – (100% Phase)

- Prepare final (100%) documents including final reports, bid tabulation forms, specifications, plans, calculations, and final cost estimates. This phase will incorporate comments received from the City in the 60% design phase, including input received from the regulatory agencies;
- Perform a final peer review and quality control review on plans/reports, calculations and specifications;
- Secure all permits and inform the City of any special conditions or conditions that may affect the schedule or budget;
- Meet with the City Staff to discuss the final plans/reports and permits and discuss how they will affect the implementation of the project;
- Finalize and coordinate easements and exhibits necessary for the project;
- Assist the City in preparing final bid documents and establish timeframes for when the project will be initiated; and
- Present project before the City Commission.

iii. Narrative that demonstrates working knowledge and understanding of the Professional Services requirements in this RFQ.

WGI has successfully worked with the City of Delray Beach for years. Our in-depth knowledge of the character and uniqueness of the City includes the intrinsic differences between its neighborhoods and the vision and intent the City's administrative staff has adopted with the approval of the Complete Streets Policy in November of 2016.

We understand that the projects included in this contract will cover all aspects of the City's municipal infrastructure, including complete neighborhoods, utilities, stormwater, parks, seawalls, structural inspections, coastal and environmental design, transportation and traffic studies, and CEI services.

The City is empowered with the fiduciary responsibility to provide its residents with services that support safe, efficient, and practical solutions to their needs. In order to accomplish this, the City and consultants must reach out to the residents to both inform them of the project, as well as to solicit input that will help guide the design of the improvements.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has a diverse array of views and concerns on issues pertaining to their own specific neighborhood needs. When the public is involved in the decision-making process such input has a real potential to positively shape the final set of actions and outcomes for a project. As important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Public participation activities that have proven successful are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. Having said that, it is critical that all involved in the process have a clear understanding of the project's goals, objectives and strategies.

A Public Involvement Plan (PIP) is created and implemented to serve as a tiered and staged outreach approach to proactively engage a variety of audiences and to build ownership and support for a project. The PIP includes some or all of the following:

- Project logo and branding
- Stakeholder committee
- Newsletters, both electronic and paper, distributed to a database of impacted City residents and businesses that will include a calendar of events to keep the community apprised of upcoming events
- Collateral translated into Spanish and Creole
- Public workshops
- Grassroots community outreach
- Public outreach events
- Project website
- Social media and digital engagement, such as: Facebook, Twitter, LinkedIn, YouTube, and Pinterest
- Stakeholder interviews
- Database for outreach tracking
- A communication crisis plan to avert public conflicts and act decisively on threats to a safe environment

The **purpose of the PIP** is to ensure public participation is inclusive of all affected residents of the community. In doing so, special consideration must be given to reaching and involving the traditionally underserved, such as minority, low-income, disabled, those with language barriers, and others who are restricted from accessing information. Additionally, the scope of public involvement may differ with each project development study and should be adapted to the complexity of the project. The ultimate goal is to incorporate all people into the decision-making process, adjust to the community's needs, and solicit input throughout the life of a project. The **PIP** should also demonstrate how adjustments or accommodations were made to involve the public at each stage of the decision-making process. The PIP process generally consists of **four phases: global activities, design, construction and evaluation, and the public outreach activities will vary accordingly.**

iv. Details of how work under a Service Authorization will be implemented and how services will be provided.
Over the past decade, WGI has prepared countless Service Authorization proposals, which include the establishment of a comprehensive scope of work, detailed hourly labor breakdown, and a project schedule. The Service Authorization, in conjunction with the Master Contract, become the consultant's contract for services of the specific project.

The improvements for each project will be designed and implemented using WGI's proven project approach described above, allowing time in the schedule to include all data collection efforts, records research, design development, periodic reviews by City staff, and the critical process of public involvement.

v. Specify the location(s), including the complete physical address, where the work will be performed, including work performed by subcontractors, if applicable.
The entirety of the work under this contract will be performed by firms located in Palm Beach County. The address of WGI's corporate headquarters, and those of our subcontractors, are listed below.

WGI
2035 Vista Parkway
West Palm Beach, FL 33411

HCE
270 South Central Boulevard, Suite 207
Jupiter, Florida 33458

CB&I
2481 NW Boca Raton Boulevard
Boca Raton, Florida, 33431

Collective Water Resources
8461 Lake Worth Road #231
Lake Worth, Florida 33467

vi. Proposer shall thoroughly explain:

1. Its accessibility in the areas of availability for meetings, general communications, coordination, and supervision

In previous sections, WGI has stated our commitment to the City of Delray Beach under this contract, but the best evidence of this commitment is our track record with the City over the past decade. WGI staff will make adjustments to our schedule to eliminate conflicts and make ourselves available for any and all meetings with the City. Providing timely responses and being available outside of normal business hours is part of the WGI culture and is embraced by our associates. WGI understands that several of the City's staff members arrive early to work or stay after hours, so it's only appropriate that we make ourselves available as well.

WGI has several levels of supervision available, not only to associates providing services to the City, but to City staff as well. We routinely attend City meetings with at least two staff members and collaborate on project development with an active contract manager, as well as the project manager and design team.

2. Primary method for attending meetings and how much advance notice is required.

WGI attends meetings in person and is available to meet with a 24-hour notice, but has commonly attended meetings with City staff that have been scheduled the same day.

3. How the proposer physically plans on attending pre-scheduled meetings.

WGI will attend pre-scheduled meetings in person, with multiple staff members.

4. How the proposer plans on ensuring accessibility and availability during the term of the agreement.

With 180 staff members located in our West Palm Beach office, WGI commits to immediate accessibility and constant availability during the term of the agreement.

C. PROJECTS FOR SIMILAR SERVICES

List up to five projects that Proposer has provided Professional Services since September 1, 2011 to include the following information:

1. FLAGLER MEMORIAL BRIDGE UTILITY COORDINATION AND DESIGN - WGI

i. Organization/Owner Name: City of West Palm Beach
ii. Address: West Palm Beach, Florida
iii. Project date (Start/End): 2011 to 2013
iv. Status of project: Complete
v. Scope: This Design-Build project involves the replacement of the existing Flagler Memorial Bridge with a new 4-lane divided urban section bridge, which connects the Town of Palm Beach and the City of West Palm Beach. Traffic barrier-separated sidewalks will be included along both sides of the new bridge with a pedestrian/bicycle railing on the outside of the sidewalks. Additionally, the existing bridge overpass at Flagler Drive and SR A1A will be eliminated and replaced with an at-grade signalized intersection. This will necessitate reconstruction of portions of Flagler Drive from 4th Street to north of 7th Street. The project also includes drainage improvements, signing and pavement markings, bridge/roadway lighting, signalization/communication systems, structural/architectural components for a new bridgetender house, landscaping/irrigation, and utility services. WGI services included signalization/communication systems, utility coordination, and utility design services for the City of West Palm Beach.

2. BASIN DRIVE STORMWATER PUMP STATION REHAB. STUDY - WGI

i. Organization/Owner Name: City of Delray Beach
ii. Address: Delray Beach, Florida
iii. Project date (Start/End): 10/2015 to Construction N/A
iv. Status of project: Complete
v. Scope: During a recent 2016 King Tide event, the Intracoastal Waterway spilled over the seawall and into the Basin Drive area. WGI has been asked to perform an evaluation of stormwater pump station (#16P089), the associated drainage basin storm sewer collection system, and to prepare a summary report detailing the results of the evaluation.

3. PALM BEACH COUNTY WATER UTILITIES DEPARTMENT WATER MAIN EXTENSION CONNECTING STATE ROAD 15 TO STATE ROAD 80 - HCE

i. Organization/Owner Name: Palm Beach County Water Utilities Department
ii. Address: Palm Beach County, Florida
iii. Project date (Start/End): 09/2015 - Ongoing
iv. Status of project: Construction
v. Scope: The HCE team performed survey, geotechnical, permitting, and design services for a new 1.3 mile 16-inch water main in the City of Belle Glade. This main will loop the existing water system between State Road 80 (Hooker Highway) and State Road 15 (N. Main Street) to provide water service and fire protection to the proposed industrial and commercial parcels at the location of the BGI Group LLC property (formerly the Glades Correctional Institute). Hydrants and stub-outs for future connections with isolation valves installed approximately every 1,500 feet and air release or combination valves are provided at high points along the main. This project included permitting with the FDEP, FDOT, F.E.C. Railroad, South Florida Conservancy District, City of Belle Glade, and Palm Beach County Fire/Rescue Department. This project is currently being advertised for construction.

4. CITY OF STUART WATER MAIN REPLACEMENT PROJECT AND FDEP SRF FUNDINGS - HCE

i. Organization/Owner Name: City of Stuart
ii. Address: Stuart, Florida
iii. Project date (Start/End): March 2013 - Ongoing
iv. Status of project: Construction
v. Scope: This project includes the design, permitting, State Revolving Fund funding assistance, bidding, and construction administrative services for approximately 59,000 linear feet of 6-inch through 12-inch water mains in existing residential neighborhoods and commercial developments. The new mains will replace inadequately sized mains and old mains, loop dead ends, and increase fire protection. The mains were designed in City, County, and FDOT right-of-ways. HCE assisted the City of Stuart with the preparation of the Request for Inclusion and Water Facilities Plan and all supporting documentation for FDEP, State Clearinghouse, USDA, and Fish and Wildlife acceptance. All documentation has been accepted by all agencies without any objections. This project is currently under construction with a $5.9 million low-interest loan that HCE is assisting administer.

5. PALM BEACH COUNTY LIFT STATION IMPROVEMENTS - HCE

i. Organization/Owner Name: Palm Beach County Water Utilities Department
ii. Address: West Palm Beach, Florida
iii. Project date (Start/End): 10/2012 - Ongoing
iv. Status of project: Design
v. Scope: HCE is responsible for the upgraded design of over 100 of Palm Beach County's wastewater pump stations. This effort has consisted of assessment and prioritization of the County's lift stations based on condition and risk of failure, followed by a variety of rehabilitation and upgrades to the sewage pumping system. As part of this effort civil, mechanical, and electrical items have been assessed and identified for replacement in order to meet PBC minimum design standards where possible. Eighteen (18) of the rehabilitated stations have been converted from dry cans to submersible lift stations with the existing dry can converted into a manhole. HCE has provided services during construction for a majority of the station rehabilitations. This project is ongoing.

D. ORGANIZATIONAL STRUCTURE

i. Details of Proposer's staffing resources, at the location that will provide services to the City as well as corporately, by discipline and the number of personnel within each discipline.

WGI'S WEST PALM BEACH CORPORATE OFFICE WILL PROVIDE SERVICES FOR THE CITY.

- **Administrative 36**
- **Biologist 1**
- **CADD Tech 9**
- **Civil Engineer 11**
- **Environmental Scientist 4**
- **Geologist 2**
- **Land Surveyor 60**
- **Landscape Architect 13**
- **Planner: Urban/Regional 9**
- **Structural Engineer 6**
- **Transportation Engineer 12**
- **Engineer Intern 14**
- **Other Employees 3**
- **TOTAL 180**

ii. If Proposer's staffing resources includes sub-consultants, submit the name of the firm(s) who will perform each discipline. If more than one firm is listed for a discipline, then label which firm is the primary firm for that discipline. Firms may perform more than one discipline.

- **CB&I Environmental & Infrastructure, Inc.(CBI) will be providing Coastal & Marine Engineering under the direction of WGI.**
- **Holtz Consulting Engineers (HCE) and Collective Water Resources (CWR) will be providing Water Resources under the direction of WGI.**

iii. Submit an organizational diagram clearly identifying key personnel as well as other staffing resources who will provide services to the City. For each individual in the organization diagram, include each individual's name, title, firm and their functional relationship to each other.

Please see Organization Chart on the following page.

[Remainder of the page intentionally left blank]

TEAM ORGANIZATIONAL CHART

PRINCIPAL-IN-CHARGE
Michael L. Davis, Senior VP (WGI)

CONTRACT MANAGER
Brian LaMotte, PE, LEED AP (WGI)

QA / QC
Richard Hasko, PE (WGI)

PROJECT MANAGER
Brett Oldford, PE (WGI)

1. ENGINEERING
Tom Mueller, PE (WGI)
Jimmy Richie, PE (WGI)
Corey Hill, PE (WGI)
Stephen Cherry, EI (WGI)

4. CIVIL ENGINEERING
Adam Schildmeier, PE (WGI)
Chris Holmes, PE (WGI)
Brian Arnold, PE (WGI)

8. ENVIRONMENTAL
John Abbott, PG (WGI)
Greg Griffith (WGI)
Jerry Renick, CEP (WGI)
Rick Harman (WGI)

2. SURVEY
Sam Hall, PSM (WGI)
Pat Meeds, PSM (WGI)
Eric Matthews, PSM (WGI)
Eric Andelin, CP, GISP (WGI)
Jason Alvarez, CST II (WGI)

6. STRUCTURAL
Brian Rheault, PE (WGI)
Chris LaForte, PE (WGI)
Tim Sherwood, BI (WGI)
Jeff Bergmann, PE (WGI)
Tim DeLand, PE (WGI)

9. WATER RESOURCES
Jerry Saval, PE, CFM (WGI)
Cesar Pena, PE (WGI)
Liz Perez, PE, D.WRE, CFM (CWR)
David Holtz, PE (HCE)
Christine Miranda, PE (HCE)

3. LANDSCAPE ARCHITECTURE
Jason Mihalovits, PLA, LEED AP (WGI)
Cheryl Callender, PLA, LEED, GA (WGI)
Angela Biagi, PLA, LEED BD+C (WGI)
Bryan Donahue, PLA (WGI)
Colin McCann, PLA (WGI)

7. TRANSPORTATION
Keegan Larson, PE (WGI)
Jeremy Botto, PE (WGI)
Mike Madison, PE (WGI)
Juan Ortega, PhD, PE (WGI)
Chad Johnson, EI (WGI)

10. COASTAL & MARINE ENGINEERING
Thomas Pierro, PE, DCE (CBI)
Tara Brenner, PG, PE (CBI)
Douglas Mann, PE, DCE (CBI)
Jordon Cheifet, PE, CFM (CBI)
Spencer Waganaar, EI (CBI)

ADDITIONAL SERVICES

PUBLIC INVOLVEMENT / OUTREACH
Jennifer Hofmeister, AICP (WGI)
Veronica Sanchez (WGI)

SUBSURFACE UTILITY ENGINEERING
Erik Brueningsen, PE (WGI)
Matt Phillips (WGI)
Fred Bachman (WGI)

UTILITY COORDINATION
Alan Boaz (WGI)
Bob Lowen (WGI)

TEAM

Wantman Group, Inc. (WGI)
Holtz Consulting Engineers (HCE)
CB&I (CBI)
Collective Water Resources (CWR)

iv. A written response clearly defining responsibilities, contractual relationships and roles of all individual in the organizational diagram.

Michael L. Davis, Senior Vice President, Principal-in-Charge - Environmental
- As the Principal-in-Charge and a **WGI** officer, Michael provides the City, **WGI's** commitment to high quality professional services. Michael will also be working with the Environmental team.

Brett Oldford, PE - Project Manager - Civil Engineering
- Brett will serve as the Project Manager. Brett will be responsible for all project related items and be responsible for the overall delivery of the project. Brett will be the point person for all contact between the City of Delray Beach and **WGI**. Brett will also be working with the Civil Engineering Team.

Brian LaMotte, PE LEED AP - Contract Manager - Engineering
- Brian will serve as the Contract Manager. Brian will be responsible for developing the final scope of services and negotiating the fee for the project**.** Brian will also be working with the Engineering team.

Richard Hasko, PE - QA/QC - Civil Engineering
- Richard will serve as the QA/QC Manager. Richard will be responsible for implementation of the **WGI** QA/QC policy, ensuring every product that is submitted meets or exceeds the quality standards set by both **WGI** and the City of Delray Beach. Richard will also be working with the Civil Engineering team.

Tom Mueller, PE - Engineering
- Tom will serve as the technical lead for engineering design related services and be responsible for the completion of all engineering design related deliverables.

Jimmy Richie, PE - Engineering
- Jimmy will provide support to Tom for all engineering design related deliverables.

Corey Hill, PE - Engineering
- Corey will provide support to Tom for all engineering design related deliverables.

Stephen Cherry, EI - Engineering
- Stephen will provide support to Tom for all engineering design related deliverables.

Sam Hall, PSM - Survey
- Sam will serve as the technical lead for survey related services and be responsible for the completion of all survey related deliverables.

Pat Meeds, PSM - Survey
- Pat will provide support to Sam for all survey related deliverables.

Eric Matthews, PSM - Survey
- Eric will provide support to Sam for all survey related deliverables.

Eric Andelin, CP, GISP - Survey
- Eric will provide support to Sam for all survey related deliverables.

Jason Alvarez, CST II - Survey
- Jason will provide support to Sam for all survey related deliverables.

Jason Mihalovits, PLA, LEED AP - Landscape Architecture
- Jason will serve as the technical lead for landscape architecture related services and be responsible for the completion of all landscape architecture related deliverables.

Cheryl Callendar, PLA, LEED Green Associate - Landscape Architecture
- Cheryl will provide support to Jason for all landscape architecture related deliverables.

Angela Biagi, PLA, LEED BD+C - Landscape Architecture
- Angela will provide support to Jason for all landscape architecture related deliverables.

Bryan Donahue, PLA, - Landscape Architecture
- Bryan will provide support to Jason for all landscape architecture related deliverables.

Colin McCann, PLA, - Landscape Architecture
- Colin will provide support to Jason for all landscape architecture related deliverables.

Adam Schildmeier, PE - Civil Engineering
- Adam will serve as the technical lead for civil engineering design related services and be responsible for the completion of all civil engineering design related deliverables.

Chris Holmes, PE - Civil Engineering
- Chris will provide support to Adam for all civil engineering design related deliverables.

Brian Arnold, PE - Civil Engineering
- Brian will provide support to Adam for all civil engineering design related deliverables.

Brian Rheault, PE - Structural
- Brian will serve as the technical lead for structural related services and be responsible for the completion of all structural related deliverables.

Chris LaForte, PE - Structural
- Chris will provide support to Brian for all structural design related deliverables.

Tim Sherwood, BI, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Jeff Bergmann, PE - Structural
- Jeff will provide support to Brian for all structural design related deliverables.

Tim DeLand, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Keegan Larson, PE - Transportation
- Keegan will serve as the technical lead for transportation related services and be responsible for the completion of all transportation related deliverables.

Jeremy Botto, PE - Transportation
- Jeremy will provide support to Keegan for all transportation related deliverables.

Mike Madison, PE - Transportation
- Mike will provide support to Keegan for all transportation related deliverables.

Juan Ortega, PhD, PE - Transportation
- Juan will provide support to Keegan for all transportation related deliverables.

Chad Johnson, EI - Transportation
- Chad will provide support to Keegan for all transportation related deliverables.

John Abbott, PG - Environmental
- John will serve as the technical lead for environmental related services and be responsible for the completion of all environmental related deliverables.

Greg Griffith - Environmental
- Greg will provide support to John for all environmental related deliverables.

Jerry Renick - Environmental
- Jerry will provide support to John for all environmental related deliverables.

Rick Harman - Environmental
- Rick will provide support to John for all environmental related deliverables.

Jerry Saval, PE, CFM - Water Resources
- Jerry will serve as the technical lead for water resources related services and be responsible for the completion of all water resources related deliverables.

Cesar Pena, PE - Water Resources
- Cesar will provide support to Jerry for all water resources related deliverables.

Liz Perez, PE, D.WRE, CFM - Water Resources
- Liz will provide support to Jerry for all water resources related deliverables.

David Holtz, PE - Water Resources
- David will provide support to Jerry for all water resources related deliverables.

Christine Miranda, PE - Water Resources
- Christine will provide support to Jerry for all water resources related deliverables.

Thomas Pierro, PE, DCE - Coastal and Marine Engineering
- Tom will serve as the technical lead for coastal and marine engineering related services and be responsible for the completion of all coastal and marine engineering related deliverables.

Tara Brenner, PG, PE - Coastal and Marine Engineering
- Tara will provide support to Tom for all coastal and marine engineering related deliverables.

Douglas Mann, PE, DCE - Coastal and Marine Engineering
- Doug will provide support to Tom for all coastal and marine engineering related deliverables.

Jordon Cheifet, PE, CFM - Coastal and Marine Engineering
- Jordon will provide support to Tom for all coastal and marine engineering related deliverables.

Spencer Waganaar, EI - Coastal and Marine Engineering
- Spencer will provide support to Tom for all coastal and marine engineering related deliverables.

Jennifer Hofmeister, AICP - Public Involvement /Outreach - Additional Services
- Jennifer will serve as the technical lead for public involvement design related services and be responsible for the completion of all public involvement related deliverables.

Veronica Sanchez - Public Involvement /Outreach - Additional Services
- Veronica will provide support to Jennifer for all public involvement related deliverables.

Erik Brueningsen, PE - Subsurface Utility Engineering - Additional Services
- Erik will serve as the technical lead for subsurface utility engineering related services and be responsible for the completion of all subsurface utility engineering related deliverables.

Matt Phillips - Subsurface Utility Engineering - Additional Services
- Matt will provide support to Erik for all subsurface utility engineering related deliverables.

Fred Bachman - Subsurface Utility Engineering - Additional Services
- Fred will provide support to Erik for all subsurface utility engineering related deliverables.

Alan Boaz - Utility Coordination - Additional Services
- Alan will serve as the technical lead for dry utility coordination related services and be responsible for the completion of all dry utility coordination related deliverables.

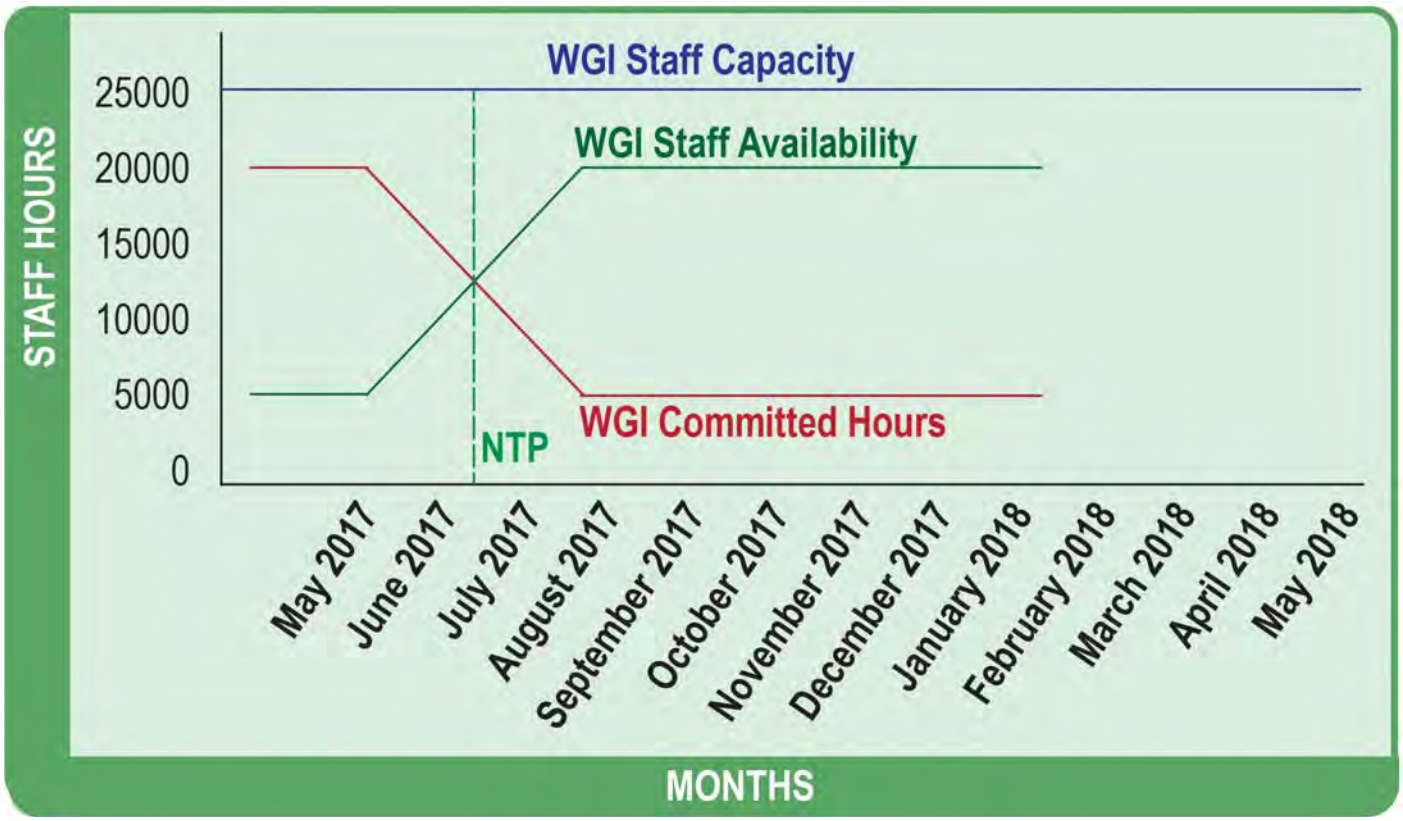
Bob Lowen - Utility Coordination - Additional Services
- Bob will provide support to Alan for all dry utility coordination related deliverables.

v. A narrative detailing Proposer's recent, current, and projected workloads at the time of submission and provide a statement of Proposer's commitment of personnel and other resources for the City project by providing a signed letter of commitment.

WGI understands that an important aspect of a continuing services, task driven contract is the team's ability to provide the necessary depth of staff for immediate response and the ability to manage multiple assignments simultaneously and effectively. We recognize that contracts of this nature present assignments that are unique in scope, often fast tracked and dependent on staff resources, which can, if not managed properly, present overload and delay challenges. **WGI** has maintained task driven continuing services contracts for many years and has the experience and resources necessary to anticipate and compensate for these challenges through efficient scheduling and a dedicated work force. **Specifically, WGI has provided the City of Delray Beach quality consulting services since July 2007. The success of our relationship is driven by the dedication of a team of individuals solely to the City. This means that technically proficient staff members familiar with the City's needs are available to provide immediate response to any request.**

Because **WGI** specializes in public sector contracts, it has the capacity to respond to the assignments and

service authorizations anticipated from the City. These public sector contracts support a more stable scheduling and resource management protocol, across the **WGI** multi-discipline divisions. Regardless of the nature, location, or technical complexity of the assignment, **WGI** brings the experience, technical resources, and depth of staff to deliver the results you require. This contract has the full attention of our entire team.



Please see Commitment Letter on the following page.

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May 17, 2017

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

RE: CITY OF DELRAY BEACH RFQ NO. 2017-048
CONTINUING ENGINEERING, SURVEYING, AND LANDSCAPING ARCHITECTURAL CONSULTING SERVICES (918-42, 918-89, 906-56)

Dear Selection Committee Members,

WGI'S COMMITMENT

The most important qualification **WGI** brings to the City is the commitment of the firm, at all levels, to develop successful deliverables, deliverables that are technically sound, on schedule and within budgetary requirements. Our key personnel selected for this project are dedicated and will be available to the City for the duration of the contract. The depth of our team with 300 professionals, including 180 registered engineers, landscape architects, planners, environmental scientists, surveyors, and other professionals based in Palm Beach County will provide ample capacity and availability to competently complete all assignments in a timely manner. Our commitment has been clearly demonstrated by **WGI's** superior service and professionalism over the years in providing similar services on a continuing basis for numerous counties and municipalities in South Florida. As the **Principal-in-Charge** and a **WGI Officer**, I provide the City **WGI's** commitment to high quality professional services.

We look forward to demonstrating our ability and unequivocal commitment while serving the City of Delray Beach.

Sincerely,
WANTMAN GROUP, INC.

Michael L. Davis
Senior Vice President
Principal-in-Charge

vi. A narrative detailing all key personnel's recent, current and projected workloads at the time of submission and provide a statement of the availability of each for the City's project.

The key personnel below are currently assigned to the Delray Beach Continuing Contract and a portion of their

time is already designated to servicing the needs of the City. Over the past ten years, **WGI** has developed a successful working relationship that provides timely responses to any of the City's needs.

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Michael L. Davis	WGI	Principal-in-Charge Environmental	30%	35%	40%
Brett Oldford, PE	WGI	Project Manager Civil Engineering	35%	45%	50%
Brian LaMotte, PE, LEED AP	WGI	Contract Manager Engineering	25%	40%	45%
Richard Hasko, PE	WGI	QA/QC Civil Engineering	20%	30%	45%
Tom Mueller, PE	WGI	Engineering	40%	45%	50%
Jimmy Richie, PE	WGI	Engineering	20%	35%	50%
Corey Hill, PE	WGI	Engineering	25%	35%	40%
Stephen Cherry, EI	WGI	Engineering	25%	45%	45%
Sam Hall, PSM	WGI	Survey	35%	35%	40%
Pat Meeds, PSM	WGI	Survey	30%	30%	35%
Eric Matthews, PSM	WGI	Survey	25%	25%	30%
Eric Andelin, CP, GISP	WGI	Survey	40%	45%	55%
Jason Alvarez, CST II	WGI	Survey	25%	30%	35%
Jason Mihalovits, PLA, LEED AP	WGI	Landscape Architecture	25%	40%	40%
Cheryl Callender, PLA, LEED Green Associate	WGI	Landscape Architecture	30%	35%	35%
Angela Biagi, PLA, LEED BD+C	WGI	Landscape Architecture	35%	35%	35%
Bryan Donahue, PLA	WGI	Landscape Architecture	30%	20%	35%
Colin McCann, PLA	WGI	Landscape Architecture	30%	35%	45%
Adam Schildmeier, PE	WGI	Civil Engineering	40%	40%	45%
Chris Holmes, PE	WGI	Civil Engineering	20%	30%	40%
Brian Arnold, PE	WGI	Civil Engineering	20%	30%	40%
Brian Rheault, PE	WGI	Structural	25%	30%	35%
Chris LaForte, PE	WGI	Structural	30%	40%	45%
Tim Sherwood, BI, PE	WGI	Structural	25%	40%	45%
Jeff Bergmann, PE	WGI	Structural	30%	35%	45%
Tim DeLand, PE	WGI	Structural	25%	35%	40%
Keegan Larson, PE	WGI	Transportation	25%	30%	35%
Jeremy Botto, PE	WGI	Transportation	25%	30%	35%
Mike Madison, PE	WGI	Transportation	20%	30%	35%
Juan Ortega, PhD, PE	WGI	Transportation	20%	35%	35%
Chad Johnson, EI	WGI	Transportation	30%	35%	35%

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
John Abbott, PG	WGI	Environmental	25%	30%	30%
Greg Griffith	WGI	Environmental	20%	25%	25%
Jerry Renick	WGI	Environmental	20%	25%	25%
Rick Harman	WGI	Environmental	25%	35%	40%
Jerry Saval, PE, CFM	WGI	Water Resources	30%	40%	50%
Cesar Pena, PE	WGI	Water Resources	25%	35%	45%
Liz Perez, PE, D.WRE, CFM	CWR	Water Resources	15%	25%	25%
David Holtz, PE	HCE	Water Resources	20%	25%	25%
Christine Miranda, PE	HCE	Water Resources	20%	30%	30%
Thomas Pierro, PE, DCE	CBI	Coastal and Marine Engineering	25%	30%	35%
Tara Brenner, PG, PE	CBI	Coastal and Marine Engineering	25%	30%	35%
Douglas Mann, PE, DCE	CBI	Coastal and Marine Engineering	25%	35%	35%
Jordon Cheifet, PE, CFM	CBI	Coastal and Marine Engineering	20%	30%	40%
Spencer Waganaar, EI	CBI	Coastal and Marine Engineering	25%	25%	35%

Tab 10: Coastal & Marine Engineering

Chapter 4 PROPOSAL RESPONSE REQUIREMENTS
10 - Coastal and Marine Engineering

A. EXPERIENCE

i. Identify each Professional Service discipline and/or sub-discipline in which Proposer wishes to be considered for award of an Agreement.

WGI wishes to be considered for the following disciplines:

(1) Engineering
(2) Surveying and Mapping
(3) Landscaping architectural design services
(4) Civil
(6) Structural
(7) Transportation
(8) Environmental / Natural Resources
(9) Water Resources/Stormwater Management (includes stormwater, potable water, reuse water, conveyance, supply, transmission, treatment, storage)
(10) Coastal and Marine Engineering

ii. Detailed narrative description documenting Proposer's overall Professional Services background and experience in each Professional Service discipline or sub-discipline in which Proposer wishes to be considered for award of an Agreement as follows:

a. Experience in the following:

(10) Coastal and Marine Engineering

WGI's subconsultant CB&I Environmental & Infrastructure, Inc. (CB&I), which includes legacy firm Coastal Planning & Engineering, Inc., is one of the most experienced coastal engineering consulting firms in the nation. Their coastal engineering services began in 1984 when Coastal Planning & Engineering, Inc. (CPE) was founded. The firm was created with the goal of being the only Florida consulting firm capable of providing its clients all of the comprehensive services required to design, permit, construct and monitor coastal projects needed to address their specific beach erosion issues.

Coastal Engineering - For over 30 years, they have designed, permitted, provided construction administration, and conducted permit compliance monitoring for more coastal and marine projects than any other private engineering firm in the United States. The combined experience of **CB&I's** engineers is unmatched in the field of coastal engineering.

Their engineers are responsible for the study, planning and design of beach and bayside projects that include beach nourishment, shoreline stabilization with coastal structures (groins, breakwaters, etc.), habitat restoration, artificial reef construction, inlet/canal management and coastal armoring (seawalls, revetments, etc.). Their success in providing engineering solutions is driven by application of proven methodologies combined with innovative design. Their engineers work closely with our biologists to provide timely, cost-effective solutions that meet our client's project goals while protecting the natural resources of the coastal ecosystem.

CB&I has extensive experience, and is currently working for several clients on planning, designing and implementing beach restoration projects.

CB&I has successfully represented numerous Florida counties in a number of ways to facilitate beach restoration projects. These projects range from complete design and implementation, to assistance in storm repairs. For example, they have assisted clients in expediting federal shore protection projects, such as Palm Beach, Manatee, Bay, and Sarasota counties.

CB&I staff also works with many communities in post-storm situations by documenting storm damages, designing subsequent repairs to the beach and dune, and helping to secure funding for the projects. For example, they have assisted clients such as Indian River, Manatee, Sarasota, and were recently selected to assist St. Johns County.

CB&I is on the forefront of coastal engineering numerical modeling. **CB&I** has emerged as the industry leader in coastal applications of DELFT-3D, the most advanced process based beach morphology model in the world. Their modeling studies are developed by our coastal engineers who are strongly grounded in coastal process, theory, and applications. They review our model results in the context of overall project objectives and cost reduction and incorporate them into designs and analyses as a tool to improve performance and longevity of projects. The behavior of beaches, inlets, and intracoastal shorelines can be complex and dynamic. In order to overcome these complexities and test a wide range of solutions, **CB&I** bases each project design on proven engineering principles with the added benefit of state-of-the-art numerical models.

Exhibit 3-3: Hydrodynamic Modeling with Delft3D - Their success in identifying beach compatible material is rooted in the systematic approach to marine sand searches developed over the years by our team of professionals. In a comprehensive marine sediment search, they organize the investigation into three sequential phases that FDEP has applied to offshore sand search requirements. Their regional sand search approach is so successful that it has also been incorporated into Louisiana's Office of Coastal Protection and Restoration (OCPR) "General Guidelines: Exploration for Offshore Sand Sources." This phased approach will be modified to meet the scope of the Flagler County investigation and account for the level of work previously performed.

Marine Biology - Their biologists are highly regarded within the scientific community for their expertise and commitment to habitat conservation. **CB&I** values the collaboration of biologists and engineers starting at project inception, which allows the project team to identify natural resources in the area and work towards designing and permitting a project that avoids environmental impacts.

Their biologists do a thorough review of available natural resource data when a project begins, typically followed by an on-site field investigation to assess the current environmental conditions. As part of the planning and permitting process, **CB&I** biologists often survey and delineate seagrass, oyster, hardbottom, and wetland habitats. Their biologists undergo training in industry-established data collection and monitoring methodologies in order to accurately identify and classify biota and habitat types. Their biologists have also been trained in the application of the Unified Mitigation Assessment Method (UMAM) that they routinely use to determine appropriate mitigation when projects result in unavoidable impacts.

They routinely design and implement biological monitoring programs to detect potential project-related impacts to natural resources and to monitor the success of mitigation. Their firm is certified as an American Academy of Underwater Sciences (AAUS) organization, committed to always implementing the highest level of safe-diving practices.

Following program design and implementation, our biologists conduct statistical analyses on the data collected in order to report results in a clear and concise manner to our clients and regulatory agencies.

Permitting - The **CB&I** team begins each project with early coordination between clients and agencies to provide baseline data and environmental documents (including NEPA documents) to facilitate and often expedite the permitting process. Their biologists, engineers and geologists work together to guide our clients through the permitting process based on a thorough understanding of current regulations and environmental resource concerns. **CB&I** routinely prepares environmental resource permit (ERP) and joint-coastal permit (JCP) applications, coordinating with state and federal agencies to obtain authorizations for a range of marine and coastal projects throughout Florida. Their in-house staff of professionals have the technical expertise to provide comprehensive and accurate information to the regulatory agencies in a timely fashion and are highly experienced with the issues of primary concern to regulators evaluating marine and coastal projects.

b. Experience in other related services that complement the above referenced Professional Services.

SUBSURFACE UTILITY ENGINEERING (SUE)

With over 30 years of experience, **SUE Division Manager Erik Brueningsen, PE**, proficiently manages any utility locating or utility coordination task that may arise. The prime objective of any utility locating assignment is a well-documented, high quality deliverable completed on time and within budget. In this regard, **WGI's** approach to utility locating focuses on providing solutions to your utility concerns; not simply obtaining location coordinates. Each assignment is viewed individually to determine the best approach, in light of the overall project objective,

so as to achieve a cost-effective and quality driven deliverable. Using the most current technology available and a "best practices" approach, our associates are trained to provide Quality Level investigations per the ASCE and FDOT current guidelines. Our in-house tools and extensive field experience are not the end of our investigations; our excellent relationships with area Utility Agency Owners (UAOs) serve to expedite requests for available records, permits and as-builts to supplement all field investigations. This leads to the highest possible likelihood that all facilities will be identified and located, then correlated to their respective owners. With three "Vac" trucks, a full range of professional utility support services, and experienced personnel highly trained in surveying and mapping, Ground Penetrating Radar (GPR), vacuum excavation, high-definition laser scanning, Global Positioning Systems (GPS), Geographic Information Systems (GIS) and Computer Aided Design (CAD), **WGI** provides comprehensive services that are second to none.

UTILITY COORDINATION

WGI understands that effective utility coordination play a critical role in the successful completion of any project. **Robert Lowen**, 42 years of service for AT&T, and **Alan Boaz**, 33 years of service for FPL, provide a depth of resources and contacts that are unmatched in the industry. Our coordination efforts begin by completing a Sunshine State One Call of Florida (SSOCOF) design ticket, used to identify participating UAOs that have existing or potential interests within the project limits. We recognize that not every UAO is an active member of SSOCOF; therefore, we seek out other UAOs through points of contact with participating UAOs, the existing **WGI** Utility Database, **WGI's** history with ongoing and completed projects, and other available sources. Research will be conducted to obtain all executed utility work schedules, utility records or utility as-built prints, as well as all plans for other proposed improvements. All utility information collected from the UAOs and our own field investigation will be incorporated into project plans for identification and avoidance of utility conflicts.

An important aspect of utility certification is the complete documentation of the utility process and the deliverables. In every case, all final documents must be clear and concise without need for additional clarification. Emphasis is placed on utility conflict avoidance, an area in which we excel. Our roadway, utility design and construction experience, combined with our design-build problem solving, provides unique insight into the art and science of utility conflict identification and innovative design resolution.

The objective of this contract is to serve the City on a wide range of utility location and utility coordination assignments of varying complexity. The WGI Team was assembled for exactly this purpose. Schedule is paramount, immediate response is a priority, and providing the depth of resources to handle multiple simultaneous assignments is critical in ensuring that assignments are handled on time and within budget.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has diverse viewpoints and concerns on issues pertaining to their specific neighborhood needs. When the public is involved in the decision-making process, such input has a real potential to positively shape the final set of actions and outcomes. Equally important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Successful public participation activities are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. To that end, it is critical that all involved have a clear understanding of the project's goals, objectives and strategies.

WGI's planners and designers have in-depth experience with redevelopment activities that involve removing the social barriers implanted by the corridors within a community. An example of this local understanding is shared by **Jennifer Hofmeister, AICP, WGI's** public outreach coordinator and director of public planning. While a neighborhood planner for the City of Delray Beach, Jennifer was educated on the historical significance of Swinton Avenue during and post segregation. She was an advocate for the African-American neighborhoods, with regular attendance at neighborhood meetings, and worked alongside the residents in developing neighborhood plans and implementing neighborhood improvement projects. Similarly, Jennifer was the former project manager for the Pleasant City neighborhood and the Northwood District in the City of West Palm Beach. During her tenure

with the West Palm Beach CRA, she served as the medium between the community and the CRA where she implemented programs to revitalize the area and redesign physical elements that represented social barriers within the community.

Jennifer currently oversees a four-year, $40M road program in the City of Lake Worth. As Lake Worth's Public Involvement Coordinator, she has developed an extensive Public Involvement Plan that serves as a guide for ongoing public participation throughout the design and construction of the road program. **WGI** developed and maintains a multi-lingual interactive website and hotline for the City of Lake Worth offering residents a point of contact and serving as an information center for public inquiry. The Coordinator role maintains consistency, cohesiveness, and collaboration among City staff and consultants, resulting in the most effective public outreach and engagement process possible.

Additionally, **WGI** has been retained by the Westgate CRA to conduct a Westgate Corridor Streetscape Study, funded by the Florida Department of Economic Opportunity (FDEO). The Study will guide the development of a streetscape plan to improve walkability and other multi-modal transportation opportunities. Simultaneously, the goal of the plan is to beautify and enhance the area to attract new investment and promote economic development opportunities. As mentioned, a critical component to the success of any public project is participation from those most affected. For this effort, the public participation process incorporated a two-part planning design charrette that provided a forum for ideas and offered the unique advantage of giving immediate feedback to the **WGI** planners and designers. More importantly, it allowed everyone who participated to take part in authoring the plan.

Finally, **WGI** public outreach efforts include a citizen-driven "Complete Streets" project for one of West Palm Beach's premier gateways, Banyan Boulevard, in the downtown. The Banyan Boulevard Improvement Project is more than a physical redesign of a West Palm Beach downtown corridor. If properly executed, the project has the power to unite, physically and socially, historically significant West Palm Beach neighborhoods and business districts, and the people who reside and work within them. With that historical insight, the **WGI** Team approach is to bring our passion and expertise out to the community and, through the eyes of the residents, uncover a new gateway to the heart of the downtown.

c. WGI's awards, certifications, or other recognition received by Proposer relative to work on projects in the designated Professional Services.

WGI has won several engineering awards for both traditional design-bid-build projects as well as design-build projects. We pride ourselves on the accomplishments we have made in the design of our clients' projects.

Listed below are awards WGI has won in the past three years:

- ✓ 2014 Engineer's Council Distinguished Engineering Project Achievement Award – Big John Monahan
- ✓ 2014 Zweig White Hot Firm – A Top 100 Firm (#41)
- ✓ 2014 Zweig White "Best Firms to Work For" Award
- ✓ South Florida Business Journal – Top 25 Engineering Firms #6 (June 2014) (# of PEs)
- ✓ 2014 Inc. 500/5000 List - #3767
- ✓ 2014 DBIA Florida Project of the Year Award – Big John Monahan Bridge Replacement Design-Build
- ✓ 2014 DBIA Florida Best Overall Design-Build Project of the Year – Big John Monahan Bridge Replacement
- ✓ 2015 ACEC National Recognition Award – Big John Monahan Bridge Replacement

- ✓ 2015 Florida Institute of Consulting Engineers Grand Award – Big John Monahan Bridge Replacement
- ✓ 2015 ENR Top 500 Design Firms - #338
- ✓ 2015 ENR Southeast Top Design Firms - #24
- ✓ 2015 Zweig Group Top 100 Fastest Growing Companies - #39
- ✓ 2015 Zweig Group Best Firms to Work For - #42
- ✓ 2015 South Florida Business Journal Top 100 Fastest Growing Companies - #70
- ✓ 2015 South Florida Business Journal Top 25 Engineering Firms - #6
- ✓ 2015 Inc. 5000 Fastest Growing Private Companies - #3425
- ✓ 2015 South Florida Business Journal Fast 50 Honoree - #12
- ✓ 2015 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue - #23
- ✓ 2016 South Florida Business Journal Top 100 Fastest Growing Companies - #60
- ✓ 2016 South Florida Business Journal Top 25 Engineering Firms - #10
- ✓ 2016 ENR Top 500 Design Firms - #253
- ✓ 2016 ENR Southeast Top Design Firms - #17
- ✓ 2016 Zweig Group Hot Firms List (Top 100 Fastest Growing Companies) - #5
- ✓ 2016 Zweig Group Best Firms to Work For - #19
- ✓ 2016 Zweig Group Marketing Excellence Award – 1st place in Internal Marketing; 2nd place in Integrated Marketing
- ✓ 2016 Zweig Group Trifecta Award
- ✓ 2016 South Florida Business Journal Fast 50 Honoree - #7
- ✓ 2016 Inc5000 - #1609
- ✓ 2016 Point of Beginning Magazine's Top 100 Firm for Surveying, Mapping and Geospatial Revenue
- ✓ 2016 DBIA Florida Honor Award for US 41 from SR 951 to Greenway Road Design-Build
- ✓ 2016 Statewide Business Journal Fast 100 List - #37
- ✓ 2017 University of Florida Gator 100 Fast Growing Companies - #29
- ✓ 2017 South Florida Business Journal Top 25 Engineering Firms - #5

iii. Submit five client references for whom Proposer has provided Professional Services similar to those specified in this RFQ in the past five years and who are agreeable to respond to a request from the City regarding proposer's experience.

REFERENCE 1 - Indian River County Beach Preservation Plan

a. Organization name: Indian River County, Indian River County Public Works
b. Contact name(s): James Gray, County Coastal Engineer
c. Contact email address: jgray@ircgov.com
d. Address: 2401 1801 27th Street, Vero Beach, FL 32960
e. Telephone and fax numbers: Phone: 772-226-1344 Fax: 772-778-9391
f. Dates of service (start/end): From: 11/2013 To: 04/2015
g. Scope (Type of Professional Service provided): Beach Management Plan, Economic Analysis, Numerical Modeling , Public Outreach, Sea Level Rise Analysis, Coastal Engineering, Storm Impact Analysis, Beach Nourishment Design, Geotechnical Investigation, Physical Monitoring, Agency Coordination, State and Federal Permitting, Permit Compliance, and Hardbottom Biological Monitoring Review

REFERENCE 2 - Deerfield Beach Recreational Artificial Beach, Deerfield Beach Nourishment Design and Permit Application

a. Organization name: City of Deerfield Beach
b. Contact name(s): Patrick Bardes, Coastal & Waterway Coordinator
c. Contact email address: pbardes@deerfield-beach.com
d. Address: 401 SW 4th Street, Deerfield Beach, FL 33441
e. Telephone and fax numbers: Phone: 954-480-1426 Fax: 954-480-4393
f. Dates of service (start/end): From: 2013 To: Ongoing
g. Scope (Type of Professional Service provided): Recreational Artificial Reef Design, Permitting, Field Investigations, and Beach Nourishment Design

REFERENCE 3 - Collier County Coastal Zone Management Program

a. Organization name: Collier County
b. Contact name(s): Gary McAlpin, Director, Coastal Zone Management
c. Contact email address: garymcalpin@colliergov.net
d. Address: 26850 S. Horseshoe Drive, Unit 103, Naples, FL 34104
e. Telephone and fax numbers: Phone: 239-252-5342 Fax: : 239-252-2950
f. Dates of service (start/end): From: 2003 To: Ongoing
g. Scope (Type of Professional Service provided): Hardbottom Biological Monitoring, Coastal Engineering, Beach Nourishment Design, Inlet Dredging Design, Geotechnical Investigations, Agency Coordination, State and Federal Permitting, State Funding Assistance, Numerical Modeling, Geographic Information System (GIS), and Surveying & Mapping

REFERENCE 4 - Panama City Beaches Renourishment Program

a. Organization name: Panama City Beach
b. Contact name(s): Lisa Armbruster, Bay County TDC
c. Contact email address: larmbruster@sustainablebeaches.com
d. Address: 2401 254 Stately Shoals Trail, Ponte Vedra, FL 32081
e. Telephone and fax numbers: Phone: 850-510-8004 Fax: none
f. Dates of service (start/end): From: 1997 To: Ongoing
g. Scope (Type of Professional Service provided): State and Federal Permitting, Coastal Zone Planning, Study and Design, Environmental Planning, Study and Design, Geographical Information System (GIS), Modeling and Simulation, Surveying and Mapping, Truck Haul Project

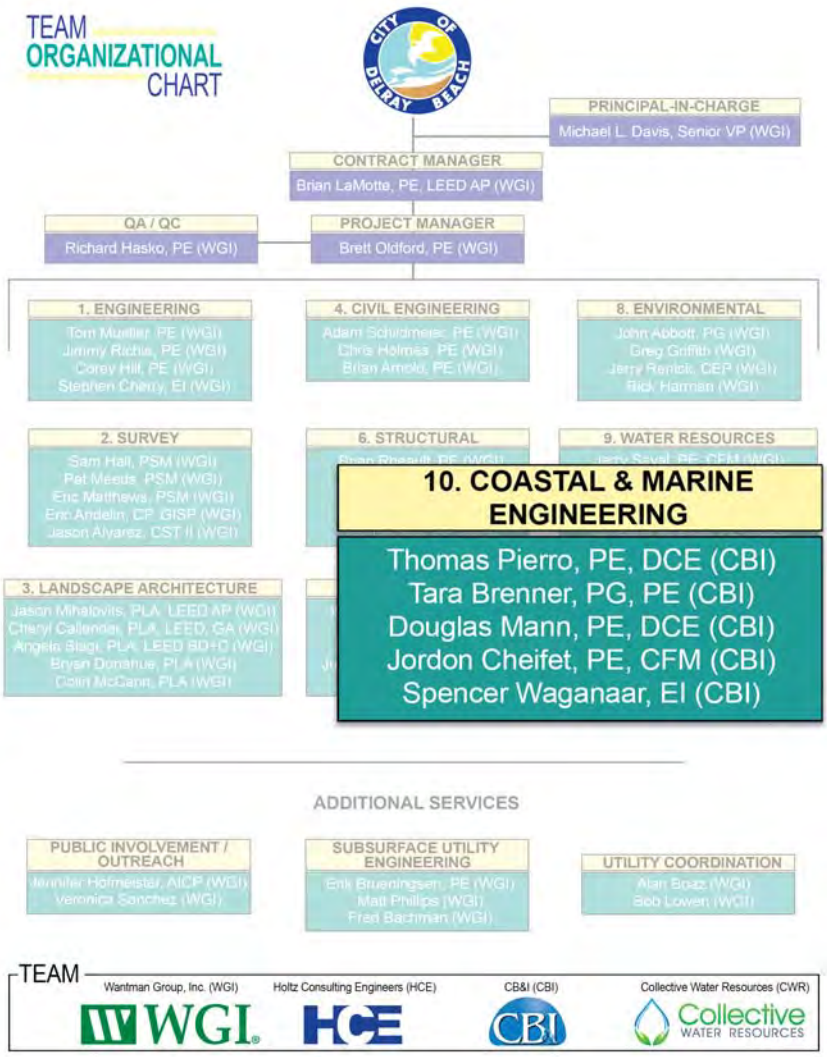
REFERENCE 5 - Coastal Management Program

a. Organization name: Manatee County
b. Contact name(s): Charlie Hunsicker, Director
c. Contact email address: Charlie.hunsicker@mymanatee.org
d. Address: 5502 33rd Avenue Drive West, Bradenton, FL 34209
e. Telephone and fax numbers: Phone: 941-742-5923 x 6001 Fax: 941-742-5972
f. Dates of service (start/end): From: 11/2013 To: 04/2015
g. Scope (Type of Professional Service provided): Feasibility Studies, Numerical Modeling, Beach Nourishment and Structures Design, Geotechnical and Geophysical Investigations, Borrow Area Design, Plans and Specifications, Construction Administration, Biological Monitoring and Mitigation Planning, Artificial Reef Design and Monitoring, Hardbottom Monitoring, Geographical Information System (GIS), Surveying & Mapping, Physical Monitoring, Agency Coordination, State and Federal Permitting, Permit Compliance, In-Kind Services for Federally Authorized Project, and Funding Assistance

iv. Submit the following information documenting experience of the key personnel proposed by Proposer to include, but not limited to the following:

a. List of up to five key personnel who are proposed for work on this project to include any subcontractors.

- ✓ Thomas Pierro, PE, DCE (CBI)
- ✓ Tara Brenner, PG, PE (CBI)
- ✓ Douglas Mann, PE, DCE (CBI)
- ✓ Jordon Cheifet, PE, CFM (CBI)
- ✓ Spencer Waganaar, EI (CBI)



b. Provide the role of each of the above referenced personnel within the provision of services.

- ✓ Thomas Pierro, PE, DCE (CBI) - technical lead for coastal and marine engineering
- ✓ Tara Brenner, PG, PE (CBI) - senior professional engineer for coastal and marine engineering
- ✓ Douglas Mann, PE, DCE (CBI) - program advisor for coastal and marine engineering
- ✓ Jordon Cheifet, PE, CFM (CBI) - project engineer for coastal and marine engineering
- ✓ Spencer Waganaar, EI (CBI) - project engineer for coastal and marine engineering

c. For each key personnel listed above, provide a resume/bio of the individuals experience, qualifications, work history, education and any related licenses and certifications.

(see the following pages)

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Thomas Pierro, PE, D.CE
Director of Operations

Education
- Master of Science, Ocean Engineering, Florida Atlantic University, Boca Raton, Florida
- Bachelor of Science, Ocean Engineering, Florida Atlantic University, Boca Raton, Florida

Registrations/Certifications
- Professional Engineer, Civil, Florida, No. 64683; New York
- Diplomate, Coastal Engineering (ACOPNE), ASCE, Active, Nationwide

Qualifications Overview
Thomas Pierro serves as the Director of Operations for CB&I's Coastal Restoration group, with broad experience in project management, planning, design and permitting, engineering and modeling, plans and specifications, field investigation, construction oversight, and feasibility studies of coastal engineering projects. Since 2001, Mr. Pierro has worked on many shore protection, beach nourishment and marine structure projects, with particular focus on Florida's coast. In 2011, Mr. Pierro was awarded the Jim Purpura/T.Y. Chiu Award from the FSBPA for outstanding contribution to coastal engineering in Florida.

Sample Projects

Sr. Project Manager, Panama City Beach Erosion Control and Storm Damage Reduction Project, Bay County, Florida
Mr. Pierro is the Senior Project Manager for this project. This was a 17-mile $30M Federal beach nourishment project. Since initial construction, CB&I has continued to provide services that protect the shoreline of Panama City Beach, including recently obtaining 15-year multi use permits from the FDEP and USACE. The 2017 Interim Beach Renourishment Project is currently under construction.

Sr. Project Manager, Redfish Pass Inlet Management Study, Captiva Erosion Prevention District
Mr. Pierro is the Senior Project Manager for the modeling study. The goal of the study is for State adoption as a plan. The study utilizes the Delft3D numerical modeling package to evaluate dredging designs and comparing them to a no action scenario to analyze the potential impacts of the conceptual designs.

Sr. Project Manager / Principal Engineer, Lido Key Beach Nourishment Projects and Hurricane and Storm Damage Reduction Project, City of Sarasota, Florida
Mr. Pierro served as Project Manager and Senior Engineer for the FEMA supported repair of the 2009 Lido Key Beach Nourishment Project. He developed an extensive 3D numerical model (Delft3D) study centered on the project area to evaluate the effects of dredging the New Pass ebb shoal on the surrounding coastal system.

Sr. Project Manager and Principal Engineer, Manatee County Coastal Management Program, Manatee County, Florida
Mr. Pierro directed a comprehensive feasibility study for Manatee County in 2007 to evaluate the cost and need for shore protection in areas outside the Federal (USACE) project area on Anna Maria Island. Based on the recommendations of the report, the County has constructed the Coquina Beach Nourishment Project, and a 5-acre artificial reef in 2011, designed and permitted by Mr. Pierro. He designed and managed the installation of geotextile tubes to sand tighten the Longboat Pass Jetty to improve the performance of the beach nourishment project and recently completed a comprehensive modeling study of Longboat Pass resulting in an updated inlet management plan. He is now working with the County to repair an existing groin field to remove three derelict groins along Cortez Beach and replace them with permeable adjustable groins; this project was designed using the Delft3D numerical model.

Tara Brenner, PG, PE

Project Manager

Education

- Master of Science, Civil Engineering, Florida Atlantic, University, Boca Raton, Florida
- Bachelor of Science, Environmental Geosciences, University of Notre Dame, Notre Dame, Indiana

Other Training

- American Red Cross Instructor
- CPR/AED for the Professional Rescuer
- First Aid for the Professional Rescuer
- Emergency O_2 Administration Blood Borne Pathogens Trained

Registrations/Certifications

- Professional Engineer, Florida, License No. 82305
- Professional Geologist, Florida, License No. PG2828
- BOEM Certified Protected Species Observer
- NMFS Approved Endangered Species Observer
- PADI Open Water Diver, 2008
- PADI Enriched Air Nitrox Diver, 2009
- Divers Alert Network (DAN) Member, 2010

Qualifications Overview

Tara Brenner joined CB&I in 2007. Recently, Ms. Brenner has been assisting with engineering services including permitting, construction observations, engineering analysis, development of construction plans and specifications, and post-construction monitoring calculations and report preparation. Ms. Brenner has extensive experience with the incorporation of remote sensing and GIS tools into the geotechnical and environmental aspects of projects.

Ms. Brenner has assisted with vibracore collection, hydrographic surveying, seismic data interpretation, and environmental monitoring for CB&I projects. Ms. Brenner has been responsible for data analysis, incorporating geotechnical requirements for state and federal permitting, and supporting borrow area design and project construction for a number of projects.

Sample Projects

Project Manager and Coastal Engineer, Various Beach Projects, Collier County, Florida

Ms. Brenner is recently supported the County during the Wiggins Pass Interim dredging event as well as coordinating with agencies to secure the County's 15-year permits. For the 2013 – 2014 Major Truck Haul Renourishment, Ms. Brenner assisted with design and permitting. She compiled upland sand data and assisted in the successful permitting of multiple upland sediment sources. She also aided in the preparation of construction plans and specifications for the truck haul project.

During 2013 – 2014 construction, she performed engineering calculations generating refined design templates to meet design needs and the County's desired fill distributions. She continually monitored construction progress and sediment quality. She calculated post-placement volumes and verified compliance with permit conditions. She attended and reported on engineering progress at all project meetings during construction.

Ms. Brenner has been working on various tasks to support Collier County since 2007. She supported design and post-construction reporting for Wiggins Pass Maintenance Dredging and Navigation Improvement Project in 2013. She assisted with LiDAR analysis for the City of Naples to identify outfall locations and potential offshore hardbottom impacts. She performed geotechnical analysis for sand searches in Collier County from 2007 – 2009.

Project Engineer, 3-Year Post-Construction Monitoring Report, Lido Key, Florida

Ms. Brenner performed engineering calculations and assisted in report writing for Lido Key's 3-Year Post-Construction Monitoring Report.

Coastal Engineer, Captiva and Sanibel Islands Renourishment Project, Captiva and Sanibel Islands, Florida

Ms. Brenner supported design and permitting for the 2013 Captiva and Sanibel Islands Renourishment Project.

Coastal Engineer, Longboat Key's Third Annual Monitoring Report, Longboat Key, Florida

Ms. Brenner performed engineering calculations and assisted in report writing for Longboat Key's Third Annual Monitoring Report.

Coastal Engineer, 2013 North End Dune Reconstruction, City of Delray Beach, Florida

Delray Beach's 2013 North End Dune Reconstruction was constructed by truck haul.

Ms. Brenner was on-site during construction, collecting truck tickets and verifying fill placement met the engineered design. During Delray's 2013 Beach Renourishment, Ms. Brenner performed daily observations, sediment QA/QC, documented construction activities, and participated in weekly meetings.

Coastal Engineer, FCCE Shore Protection Project, City of Delray Beach, Florida

For the 2014 FCCE Shore Protection Project, Ms. Brenner coordinated with the USACE on the design and planning phases and ensured that City-specific specifications were incorporated into construction specifications. Ms. Brenner served as the City's representative throughout construction and conducted daily observations, sediment QA/QC, and participated in weekly meetings.

On behalf of the City, Ms. Brenner ensures that permit conditions are met during and post-construction. Ms. Brenner performs engineering monitoring calculations computing MHW and volumetric changes and evaluating long-term project performance. Ms. Brenner also assisted in the preparation of Post-Construction Monitoring Reports and Sediment Testing Results Reports.

Coastal Engineer, 2013 and 2014 Annual Monitoring Reports of Panama City Beach's Erosion Control and Storm Damage Reduction Projects, Bay County, Florida

Ms. Brenner performed calculations and report writing for the 2013 and 2014 Annual Monitoring Reports of Panama City Beach's Erosion Control and Storm Damage Reduction Projects.

Coastal Engineer, Benthic Habitat Mapping Project, Marquesas, Florida

Benthic habitat mapping project interpreted from satellite imagery in the Marquesas and Quicksands area offshore of the Florida Keys. CB&I mapped more than 1,300 km2 of benthic habitats for developing management strategies that balance the protection of these habitats with their use. Habitats were mapped using "heads-up" digitizing on a large format SmartBoard by identifying color and texture patterns that were confirmed in the field using GPS-linked drop and dive supported cameras. Deliverables included digital benthic habitat maps, metadata, and ground validation imagery.

Coastal Engineer, Florida LiDAR Elevation Change Analysis Project, Florida, Statewide

Ms. Brenner assisted in the LiDAR Elevation Change Analysis Project, which quantified coastal volume change using LiDAR data. USACE's Joint Airborne LiDAR Bathymetry Technical Center of Expertise (JALBTCX) hired CB&I to quantify volume change from multiple LiDAR data sets on the Gulf of Mexico and east Florida coastline. She developed large format plots displaying changes for the studied time period as a project deliverable.

Douglas W. Mann, PE, D.CE

Program Advisor

Education

- Master of Science, Coastal and Oceanographic Engineering, University of Florida, Gainesville, Florida
- Bachelor of Science, Civil Engineering, University of Delaware, Newark, Delaware

Registrations/Certifications

- Professional Engineer, Florida (44046), Delaware (12949), Louisiana (31121), Massachusetts (46574), Virginia (049702)
- ASCE-ACOPNE, Diplomate of Coastal Engineering, ASCE, Active, Nationwide

Qualifications Overview

Douglas Mann has worked as a coastal engineer with CB&I since 1987. He is experienced in all aspects of coastal engineering including dredge and fill projects for material disposal and beach nourishment, beach and inlet engineering, coastal structure design (including breakwater, groins, seawalls, jetties, and Permeable Adjustable Groin (PAG) design and construction) as well as marine-related upland structures. Mr. Mann is experienced in Joint Coastal permitting, Environmental Resource permitting, and Florida Department of Environmental Protection Coastal Construction Control Line permitting.

Sample Projects

Longboat Key Comprehensive Coastal Engineering Services, Town of Longboat Key, Florida

Mr. Mann was project manager and engineer of record for designing, permitting, and construction management of three large-scale beach nourishment projects and the implementation of multiple permeable adjustable groins (PAGs).

Engineer of Record, Seawall Project, Eastpointe II Condominium Association, Florida

Mr. Mann is engineer of record for design of a 300-foot long seawall to protect habitable upland improvements.

Coastal Engineer, Emergency Dune Restoration, Seawinds Property Owners Association, Florida

Mr. Mann designed and permitted an emergency dune restoration for 500 linear feet of dune. Mr. Mann provided construction contract administration.

Coastal Engineer, Mayfair House Seawall Replacement, South Palm Beach, Florida

Mr. Mann designed and permitted the replacement and raising of an oceanfront seawall in South Palm Beach, Florida. The project involved the design of an internal concrete beach access stairs.

Project Manager and Engineer of Record, North Ocean Boulevard Seawall Toe Protection Project, Palm Beach, Florida

Mr. Mann was project manager and engineer of record for the design of a rock toe berm to prevent the failure of an exposed ocean front seawall.

Coastal Engineer, Cortez Groin Removal and Replacement Project, Manatee County, Florida

Mr. Mann was coastal engineer for the replacement of permeable groins that are controlling end losses from Federal beach nourishment project and protecting upland emergency evacuation route.

Engineer, Delray Beach Shore Protection Project, Palm Beach County, Florida.

Engineer and coauthor for the Limited Reevaluation Report for the third renourishment of the shore protection project. Performed economic analyses, engineering design of fill, borrow area design, permitting, and cost estimating for the project. Provided construction observations and assisted with contract administration.

Project Engineer, North Shore Road Seawall Return Wall Extension, Town of Longboat Key, Florida.

Designed and permitted a return wall extension of the existing seawall to protect North Shore Road. Provided construction observations and contract administration to the Town.

Islamorada, Village of Islands, Founder's Park Marina Rehabilitation Project.
Engineer of record for the replacement of the 77-slip marina. Project included a marina materials evaluation including life cycle costs, revised layouts to accommodate larger boats, and increased structure elevations to accommodate storm surges.

Engineer of Record, City of Delray Beach, City Marina, Deck Replacement and Dock Repairs.
Engineer of record for replacement of all finger dock decks and structural repairs at the 24 slip City Marina. Marina improvements included upgraded deck materials and boat fenders (2004). Designed repairs for impacts associated with Hurricane Wilma.

Engineer of Record, City of Miami Beach, 69th Street Bulkhead Repairs and Dock Replacement.
Engineer of record for 450 linear feet of bulkhead repairs and replacement of two existing docks. Two derelict floating docks were also removed.

Project Manager, City of Miami Beach Public Seawall Observations, Miami Dade County, Florida.
Project manager for the structural inspection of approximately 80 City owned seawalls.

Veterans Park Bulkhead Replacement, Palm Beach County, Florida.
Designed and permitted a concrete pile and panel bulkhead to replace the existing bulkhead. Project constraints included working around high voltage power lines over the project and crossing the Intracoastal Waterway. Two marginal docks were included in the design..

Ringling Museum Seawall Replacement, Sarasota County, Florida.
Designed and permitted a replacement seawall for the museum along their Sarasota Bay shoreline. Maintained appearance of the seawall to match historic photographs. Developed specifications to protect the adjacent Ca d'Zan house, which is registered as a Historic Place .

West Lake Village Homeowners Association Erosion Evaluation, Hollywood Florida.
Erosion evaluation and sea level rise forecast for Intracoastal Waterway community.

Jordon Cheifet, PE, CFM

Marine Engineering

Education

- Master of Science, Ocean and Resources Engineering, University of Hawaii, Honolulu, Hawaii
- Bachelor of Science, Civil Engineering, Pennsylvania State University, University Park, Pennsylvania

Other Training

- 40-Hour HAZWOPER Training

Registrations/Certifications

- Professional Engineer, Civil, Florida, License No. 72876, Active
- Certified Floodplain Manager
- Certified Video Ray ROV Operator
- Surface Supplied Air Underwater Inspection Certification
- NAUI Open Water Diver, 1992
- NAUI Advanced Diver, 2010
- NAUI Nitrox Diver, 2012
- NAUI Rescue Diver, 2016

Qualifications Overview

Jordon Cheifet is a marine/coastal engineer with more than 12 years of technical and project management experience, including waterfront structure design, FEMA coastal floodplain mapping, shoreline restoration/protection design, numerical modeling, and marina design. His field experience includes underwater waterfront facility inspections, GIS/GPS data collection and analysis, surveying, and construction administration.

Sample Projects

Project Engineer, 10th Street Outfall – City of Sarasota, Florida

Mr. Cheifet provided structural design for the marine works component of this municipal boat basin project which includes boat basin dredging and bulkhead replacement. Services performed included bulkhead repair design, basis of design reporting, and QA/QC of internal and sub-consultant project deliverables including construction plans and specifications.

Project Engineer, Service Club Park Boardwalk Renovations, City of Venice, Florida

Mr. Cheifet performed a structural/coastal engineering assessment of the existing timber boardwalk over the dune system in Service Club Park to evaluate the current condition. Engineering data obtained was used to provide recommendations for replacement and public safety. Mr. Cheifet provided structural/coastal engineering design for the replacement structure which is currently being permitted by the FDEP. Next steps include preparation of construction plans and specifications and construction oversight when construction begins later this year.

Project Engineer, Pass-a-Grille Jetty Investigation, City of St. Pete Beach, Florida

Mr. Cheifet performed a structural/coastal engineering assessment of the Pass-a-Grille jetty and fishing pier to evaluate the current condition and effectiveness of the waterfront structures. The field investigation included an above- and underwater investigation of the structure.

Construction Oversight, Curtis Park, City of Miami, Florida

Mr. Cheifet provided construction oversight for the marine works phase of this municipal boat ramp restoration project. Services performed included dock pile installation monitoring, bulkhead construction observation, and boat ramp repair design.

Hampton Inn Clearwater, City of Clearwater, Florida

Mr. Cheifet performed coastal engineering for an oceanfront commercial structure. Services performed include storm recession analysis, calculation of wave loads for subsequent structural design, and scour analysis, and FEMA/FBC flood code compliance consulting.

Spencer Waganaar, EI

Marine and Coastal Engineer

Education

- Master of Science, Civil Engineering, Florida Atlantic University, Florida, 2016
- Bachelor of Science, Mathematics, Wingate University, Wingate, North Carolina, 2013

Registrations/Certifications

- Fundamentals of Engineering (FE)
- Member, American Society of Civil Engineers
- Member, AACE International
- CITI Conflicts of Interest
- CITI Responsible Conduct of Research

Qualifications Overview

Spencer Waganaar has been working in the field of coastal engineering since 2016. He is focused on coastal engineering design, project controls and construction oversight. Since his entrance into the coastal engineering field, he has contributed and been involved in several projects.

In addition to beach nourishment design and construction observation, Mr. Waganaar has a focus in defining sediment properties and determining sediment quality for its use in beach nourishment projects. Mr. Waganaar also performs storm recession observations and has assisted in determining sediment losses after storm events.

Sample Projects

Coastal Engineer, Cortez Groins Removal and Replacement Project, Manatee County, Florida

Mr. Waganaar was responsible for performing construction observations for the replacement of existing groins at Cortez.

Coastal Engineer, 2016 Collier County Beach Renourishment, Florida

For the 2016 Collier County Beach Renourishment, Mr. Waganaar assisted with the beach fill design, performing engineering calculations generating refined design templates to meet design needs and the County's desired fill distributions. Additionally, he continually monitored construction progress and sediment quality, calculated post-placement volumes and verified compliance with permit conditions.

Coastal Engineer, 2016 Marco Island Tropical Storm Debby Beach Restoration, Florida

For the 2016 Collier Marco Island Tropical Storm Debby Beach Restoration, Mr. Waganaar assisted with the beach fill design. Additionally, he continually monitored construction progress and sediment quality, calculated post-placement volumes and verified compliance with permit conditions.

Coastal Engineer, 2016 Collier Creek Interim Dredge, Florida

For the 2016 Collier Creek Interim Dredge Project, Mr. Waganaar assisted in continually monitoring construction progress and tracking the daily position of the dredge head. Finally, he assisted in calculating post-placement volumes and composing the post-construction report.

B. APPROACH TO PROJECT MANAGEMENT -

i. Provide a detailed narrative description of the proposed approach and methodology for engaging with City representatives while in the course of performing the duties.

The **WGI** Team has an exceptionally strong project management approach that is time tested and proven successful over a 45-year history. When authorized by the City of Delray Beach (City), **WGI** will provide the necessary professional personnel, equipment, technology and management expertise to accomplish all tasks assigned under this contract. Our staff is accommodating, and with our commitment to technology and ability to utilize the specialized equipment at our disposal, no assignment is beyond our capability. In order to properly address permitting, design, environmental, drainage, and private property ownership issues, as well as conduct an effective public outreach effort, a well-defined approach needs to be implemented and adhered to. Throughout the design process, WGI will continually communicate and solicit feedback from City representatives in order to meet the City's goals and objectives.

ii. Describe in detail Proposer's approach to the design of projects.

Project Manager Brett Oldford, PE understands that any successful project starts with a well thought out, comprehensive, and detailed scope. Prior to having a formal written contract, a significant effort must be employed to identify critical path items, potential project issues, data gaps, communications protocols, deliverables, and project schedules. This effort takes time and dedication; however, **WGI** has proven time and time again that the benefits of planning the project correctly pay significant dividends, not only throughout the design phase, but more importantly, throughout the construction phase as well.

To that end, the following steps will be taken prior to the finalization of the project service authorization:

1. Perform a site visit with City representatives prior to the development of the project scope;
2. Outline project objectives after the site visit (within 24 hours) and provide to the City for review and comment;
3. Develop a draft project scope incorporating the approved outlined project objectives and provide to the City for review and comment;
4. Coordinate with City staff to ensure the scope and deliverables are in compliance with the established schedules and budget; and
5. Finalize project scope.

The tasks below represent our typical comprehensive approach for the successful completion of a project. Individual tasks may not apply to every project depending on their size and complexity.

Initial Phase – Project Development

- Schedule a design kick-off meeting with staff and subconsultants to define the communications protocol and confirm complete understanding of the scope of services, schedule and budget;
- Coordinate engineering design activities including surveys, inspections and evaluations, collection of data, engineering feasibility reports and studies, and cost estimates. Utility coordination with providers such as FP&L, CATV, and others must occur during this step to identify potential conflicts and to define the resolution of those conflicts;
- Coordinate with subconsultants on their role and communicate plan expectations, including deliverables, timing of submittals, and budgetary constraints;
- Complete any necessary field surveying including, but not limited to, establishing a primary horizontal and vertical control network utilizing either conventional or GPS methodology, and performing a topographic survey utilizing either Total Station with data collectors or GPS equipment that meets minimum technical standards;
- If necessary, perform subsurface utility evaluations, using WGI's latest "soft dig" and ground penetrating radar technology. The data is then incorporated into the survey;
- Meet with City staff to review the preliminary findings and discuss the approach to the project from the information gathered in this phase; and
- Define the scope and scheduling for the public outreach for the program.

Preliminary Design Development of Plan/Report – (30% Phase)

- Prepare preliminary (30%) design plans and/or reports which include supporting calculations, cost estimates, and a schedule;

- Conduct pre-application meetings with regulatory agencies;
- Initiate a peer review of the 30% plans and incorporate comments into the plans or report;
- Coordinate with subconsultants to establish the scope of deliverables and timing of submittals;
- Meet with City staff to present the 30% plans, reports and preliminary calculations, and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Conceptual Development of Plan/Report – (60% Phase)

- Prepare 60% design plans/reports including supporting calculations, specifications, construction cost estimates, and a schedule. This phase will incorporate comments received from the City in the 30% conceptual design phase, including input and permit requirements/conditions from the regulatory agencies;
- Prepare and coordinate legal documents and exhibits that will be needed for construction, ingress/egress, or infrastructure improvements.
- Perform peer review and quality control review on plans/reports, calculations, and specifications;
- Prepare and submit permit applications to required agencies. WGI incorporates a systematic approach to permit follow-up and tracking. We pride ourselves on our ability to address permit issues and secure permits in a timely manner;
- Address all comments received from the permitting agencies and make the required changes to the plan and supporting documents to secure the permits. WGI will always keep the best interests of the City in mind when negotiating with the regulatory agencies. We have the experience and expertise to know when a regulatory requirement is arbitrary and capricious and will do everything we can do to protect the City and mitigate any unnecessary requirements placed in the permits;
- Meet with the City staff, if necessary, and present the 60% plans/report and preliminary calculations and establish a timeframe for when comments will be received from staff; and
- Schedule a public outreach meeting to inform the residents and solicit input.

Final Design Development of Plans/Report – (100% Phase)

- Prepare final (100%) documents including final reports, bid tabulation forms, specifications, plans, calculations, and final cost estimates. This phase will incorporate comments received from the City in the 60% design phase, including input received from the regulatory agencies;
- Perform a final peer review and quality control review on plans/reports, calculations and specifications;
- Secure all permits and inform the City of any special conditions or conditions that may affect the schedule or budget;
- Meet with the City Staff to discuss the final plans/reports and permits and discuss how they will affect the implementation of the project;
- Finalize and coordinate easements and exhibits necessary for the project;
- Assist the City in preparing final bid documents and establish timeframes for when the project will be initiated; and
- Present project before the City Commission.

iii. Narrative that demonstrates working knowledge and understanding of the Professional Services requirements in this RFQ.

WGI has successfully worked with the City of Delray Beach for years. Our in-depth knowledge of the character and uniqueness of the City includes the intrinsic differences between its neighborhoods and the vision and intent the City's administrative staff has adopted with the approval of the Complete Streets Policy in November of 2016.

We understand that the projects included in this contract will cover all aspects of the City's municipal infrastructure, including complete neighborhoods, utilities, stormwater, parks, seawalls, structural inspections, coastal and environmental design, transportation and traffic studies, and CEI services.

The City is empowered with the fiduciary responsibility to provide its residents with services that support safe, efficient, and practical solutions to their needs. In order to accomplish this, the City and consultants must reach out to the residents to both inform them of the project, as well as to solicit input that will help guide the design of the improvements.

PUBLIC OUTREACH

Public participation is an integral part of the planning process that seeks to ensure decisions are made in the best interest of a community. The public often has a diverse array of views and concerns on issues pertaining to their own specific neighborhood needs. When the public is involved in the decision-making process such input has a real potential to positively shape the final set of actions and outcomes for a project. As important, early and continuous public involvement builds trust between government (and consultants) and the people they serve. Public participation activities that have proven successful are those that involve the most affected stakeholders, are easily accessible, relevant, timely, and appropriate for the intended goals of the public involvement planning process. Having said that, it is critical that all involved in the process have a clear understanding of the project's goals, objectives and strategies.

A Public Involvement Plan (PIP) is created and implemented to serve as a tiered and staged outreach approach to proactively engage a variety of audiences and to build ownership and support for a project. The PIP includes some or all of the following:

- Project logo and branding
- Stakeholder committee
- Newsletters, both electronic and paper, distributed to a database of impacted City residents and businesses that will include a calendar of events to keep the community apprised of upcoming events
- Collateral translated into Spanish and Creole
- Public workshops
- Grassroots community outreach
- Public outreach events
- Project website
- Social media and digital engagement, such as: Facebook, Twitter, LinkedIn, YouTube, and Pinterest
- Stakeholder interviews
- Database for outreach tracking
- A communication crisis plan to avert public conflicts and act decisively on threats to a safe environment

The **purpose of the PIP** is to ensure public participation is inclusive of all affected residents of the community. In doing so, special consideration must be given to reaching and involving the traditionally underserved, such as minority, low-income, disabled, those with language barriers, and others who are restricted from accessing information. Additionally, the scope of public involvement may differ with each project development study and should be adapted to the complexity of the project. The ultimate goal is to incorporate all people into the decision-making process, adjust to the community's needs, and solicit input throughout the life of a project. The **PIP** should also demonstrate how adjustments or accommodations were made to involve the public at each stage of the decision-making process. The PIP process generally consists of **four phases: global activities, design, construction and evaluation, and the public outreach activities will vary accordingly.**

iv. Details of how work under a Service Authorization will be implemented and how services will be provided.
Over the past decade, WGI has prepared countless Service Authorization proposals, which include the establishment of a comprehensive scope of work, detailed hourly labor breakdown, and a project schedule. The Service Authorization, in conjunction with the Master Contract, become the consultant's contract for services of the specific project.

The improvements for each project will be designed and implemented using WGI's proven project approach described above, allowing time in the schedule to include all data collection efforts, records research, design development, periodic reviews by City staff, and the critical process of public involvement.

v. Specify the location(s), including the complete physical address, where the work will be performed, including work performed by subcontractors, if applicable.
The entirety of the work under this contract will be performed by firms located in Palm Beach County. The address of WGI's corporate headquarters, and those of our subcontractors, are listed below.

WGI
2035 Vista Parkway
West Palm Beach, FL 33411

HCE
270 South Central Boulevard, Suite 207
Jupiter, Florida 33458

CB&I
2481 NW Boca Raton Boulevard
Boca Raton, Florida, 33431

Collective Water Resources
8461 Lake Worth Road #231
Lake Worth, Florida 33467

vi. Proposer shall thoroughly explain:

1. Its accessibility in the areas of availability for meetings, general communications, coordination, and supervision

In previous sections, WGI has stated our commitment to the City of Delray Beach under this contract, but the best evidence of this commitment is our track record with the City over the past decade. WGI staff will make adjustments to our schedule to eliminate conflicts and make ourselves available for any and all meetings with the City. Providing timely responses and being available outside of normal business hours is part of the WGI culture and is embraced by our associates. WGI understands that several of the City's staff members arrive early to work or stay after hours, so it's only appropriate that we make ourselves available as well.

WGI has several levels of supervision available, not only to associates providing services to the City, but to City staff as well. We routinely attend City meetings with at least two staff members and collaborate on project development with an active contract manager, as well as the project manager and design team.

2. Primary method for attending meetings and how much advance notice is required.

WGI attends meetings in person and is available to meet with a 24-hour notice, but has commonly attended meetings with City staff that have been scheduled the same day.

3. How the proposer physically plans on attending pre-scheduled meetings.

WGI will attend pre-scheduled meetings in person, with multiple staff members.

4. How the proposer plans on ensuring accessibility and availability during the term of the agreement.

With 180 staff members located in our West Palm Beach office, WGI commits to immediate accessibility and constant availability during the term of the agreement.

C. PROJECTS FOR SIMILAR SERVICES

List up to five projects that Proposer has provided Professional Services since September 1, 2011 to include the following information:

1. INDIAN RIVER COUNTY BEACH PRESERVATION PLAN

i. Organization/Owner Name: Indian River County
ii. Address: Indian River County, Florida
iii. Project date (Start/End): 11/2013 to 4/2015
iv. Status of project: Design, Construction, Substantial Completion, Complete
v. Scope: Coastal & Marine Engineering, CB&I assisted Indian River County in the 2014 update to the Beach Preservation Plan (BPP), first adopted in 1988, which details the County's strategies for the management and the long-term sustainability of its coastline. The purpose of this update was to evaluate the condition of the County's coastline and identify cost-effective alternatives to maintain and improve its sustainability. To accomplish this, the following goals were established.

- **Avoid adverse impacts to environmental resources including nearshore hardbottom**
- **Assess the vulnerability of upland property up to a 30-year storm event**
- **Quantify the damages due to shoreline retreat over the next 30 years**
- **Determine the recreational value of the beaches**

To address these goals, CB&I completed several tasks including updating the beach conditions by evaluating shoreline and volumetric change data and performing erosion and storm impact analyses. Holding Public meetings

to explain the objectives of the update to the BPP and to solicit public input into potential beach management strategies. CB&I reviewed the boundaries of the various Sectors within the County with respect to dominant coastal processes, historical shorelines changes, projected bluff locations in 30 years, upland development, and environmental resources. Updating the inventory of public beach access within the County and providing cost-effective recommendations for needed improvements. CB&I performed a Delft3D alternatives analysis to model the complex interactions between offshore bathymetry, waves (using SWAN), tides, winds, currents, sediment transport, erosion and deposition. A storm damage vulnerability analysis was also performed utilizing SBEACH to simulate changes in the beach profile that could result from coastal storms of varying intensity in terms of storm tide levels, wave heights, wave periods, and storm duration. Subsequently, a storm damage reduction analysis was done to evaluate the size of a beach fill that would be required to eliminate the potential damage identified with a particular storm return interval. In addition, CB&I conducted recreational benefit and economic analyses, discussed the implications of sea level rise, and included the seal level rise impacts in the vulnerability analysis. The costs of initial construction and future maintenance of the recommended management strategies were estimated over the next 30 years and compared to the costs of taking no action. To fund these strategies, potential funding sources and mechanisms were identified for the County's consideration.

Emergency Dune Repair -The effects of Hurricane Sandy passing off the coast of Florida resulted in significant dune erosion in the 6-mile Sector 3 nourishment project area. To quickly address this need, CB&I obtained an FDEP permit modification for a one-time truck haul sand placement project. CB&I designed and managed the dune repair project, renourished in 2014-15 (approximately 175,000 cubic yards). CB&I continues to assist regarding this project with post-project monitoring reporting.

Post-Hurricane Matthew FEMA Assistance -CB&I is currently performing a storm impact analysis report to secure FEMA disaster relief funding for the Sector 3 project as well as the 2.6 miles of Sector 5 and the 2.1 miles of Sector 7.

Dune Nourishment Design and Permitting - CB&I is performing design and permitting efforts for a subsequent beach renourishment project in Sector 5 (approximately 200,000 cubic yards). This involves developing a feasibility study and coordinating with state and federal permit agencies.

Tracking Station Park before and after dune repairs following Hurricane Matthew (2016 and 2017).

"CB&I's engineering and biological staff are always extremely knowledgeable and professional. The CB&I team has been a great addition to Indian River County's Beach Management Program."

2. MANATEE COUNTY COASTAL MANAGEMENT PROGRAM

i. Organization/Owner Name: Manatee County
ii. Address: Manatee County, Florida
iii. Project date (Start/End): 1989 to Ongoing
iv. Status of project: Design, Construction, Substantial Completion, Complete
v. Scope: Coastal & Marine Engineering, Since 1989, CB&I has been the coastal engineering consultant to Manatee County. We have produced and maintained a comprehensive beach management plan for the County and have continually provided engineering services for the County's coastal program, including: project design, geotechnical investigations, environmental studies, hardbottom monitoring, state and federal permitting, surveying services, and construction administration required to build the County's coastal projects. Our history with Manatee County is an example of our dedication to providing a wealth of technical and program management services that benefit our clients.

Federal Coordination and Funding - To meet client concerns regarding funding, CB&I adapted the 2002 nourishment project to include a 0.6-mile coastal segment in the City of Anna Maria, which was not in the original project. Expediting the project, and reducing engineering and construction costs, the non-federal sponsor, Manatee County proceeded under the authority of Section 206 of the Water Resources Development Act (WRDA) of 1992, Public Law 102-580. Section 206 allowed Manatee County to engineer and construct the project, control the design and schedule and reduce engineering and construction costs. Section 206 of the WRDA was authored by Rick Spadoni of CB&I. CB&I was able to assist the County in proceeding under Section 206 to construct the beach nourishment project.

Recently, we have conducted geotechnical investigations and assisted the federal government with nourishment of the Central Beach Nourishment Project. CB&I prepared the permit application and project plans for the Corps on behalf of Manatee County. In support of the project, CB&I also conducted the corresponding investigations and design analyses. Construction of the project was completed in 2014. CB&I provided the County with Emergency Response

In 2004, Hurricanes Charley and Ivan caused direct impacts to Anna Maria Island. The US Army Corps of Engineers was allocated emergency funds throughout the State of Florida for beach fill to replace sand lost during the severe 2004 hurricane season. CB&I prepared the project plans and specifications for the placement of approximately 415,000 cy of fill material to reconstruct the 2002 Anna Maria Island design template. CB&I engineers and scientists re-investigated the ebb shoal borrow site, designed the borrow area to enhance the sediment quality and minimize the heavy shell fraction found in sections of the borrow site, negotiated the necessary permit modification from FDEP, and provided construction observation. CB&I also assisted the County in securing approval of eligibility for FEMA assistance for the City of Anna Maria Island segment, a non-federally authorized section of the project. The northern section of the Island was renourished in 2005.

In April 2011, nourishment within the City of Anna Maria and Coquina Beach was constructed by Manatee County. The project included the placement of approximately 230,000 cy of sand in the City of Anna Maria and the Coquina Beach segments, respectively. The sand was obtained from an offshore borrow area. CB&I helped the City obtain FEMA funding by documenting impacts from hurricane activity in 2004 and 2005. In order to incorporate the Coquina Beach area in the County's beach maintenance program, CB&I worked to "piggy-back" the Coquina Beach project onto the FEMA funded City of Anna Maria Beach Renourishment Project, saving Manatee County significant costs in dredge mobilization/ demobilization to nourish Coquina Beach.
Coquina Beach was renourished in March 2014 to replace losses due to Tropical Storm Debby and fill the template to full capacity. We again assisted the County in coordinating the timing of the renourishment to coincide with the 2014 Federal project, which resulted in substantial cost savings for the County.

CB&I provided geotechnical services to identify the sand source, the engineering design, funding acquisition, permitting services, technical consultation and construction administration services to help restore this portion of the island's receding coastline, while reducing the project cost.

CB&I also designed, permitted and oversaw the construction a 5-acre mitigative artificial reef approximately 1,100 feet off the coast of Coquina Beach. CB&I worked aggressively on the County's behalf to limit the amount of required artificial reef as appropriate replacement for burial of nearshore hardbottom by the beach nourishment project, again resulting in significant cost savings to Manatee County.

Geotextile Tube Design and Construction - The Longboat Pass north jetty is located at the south end of Anna Maria Island and has deteriorated over time allowing a significant amount of sand to enter the Pass. In response, CB&I designed, permitted and oversaw construction of a shore-perpendicular geotextile tube placed adjacent to the existing jetty to stop sand from passing through the existing porous jetty and reduce beach loss and shoaling. The test installation has functioned extremely well and the County is pursuing permanent jetty tightening.
Since this area has been nourished, the geotextile tube installation has maintained a wider beach north of the tube and has benefitted Manatee County by retaining sand that otherwise would have been lost into the Pass. This has resulted in cost savings by retaining sand placed by beach nourishment and by reducing maintenance requirements for Longboat Pass.

Cortez Groins Removal and Replacement - CB&I is assisting the County with the Cortez Groins Removal and Replacement project, which includes the demolition of three dilapidated pier-type structures and replacement with new permeable adjustable groins in order maintain the stabilization of the shoreline. CB&I conducted a site-observation of the existing groins to document the existing conditions and developed the Feasibility Study to evaluate the effects on Cortez Beach and the surrounding beaches due to modifications to the groins, considering various levels of removal, replacement and permeability of the structures. The Feasibility Study included development of an alternatives and numerical modeling analyses. CB&I also assisted with the permitting and is providing the construction administration.

Artificial Reef and Hardbottom Monitoring - Due to the presence of nearshore hardbottom in the shallow waters adjacent to Anna Maria Island, mitigation and monitoring have been required to offset project impacts to these resources. CB&I assisted the County with determining appropriate locations for placement of the artificial reefs and obtaining State and Federal permits. Our engineers designed and oversaw the construction of the 1993, 2005 and 2011 Artificial Reefs to ensure they were built in compliance with project permits. Following construction of the artificial reefs, CB&I biologists conducted permit-required annual monitoring to document that the reefs succeed at mimicking the natural hardbottom that they are intended to mitigate. These surveys included benthic assessments, fish counts, relief measurements, reef delineation, and collection of photo and video documentation.

In addition to monitoring the colonization and succession of the artificial reefs, CB&I biologists have been monitoring the natural nearshore hardbottom adjacent to Anna Maria Island since the initial project was constructed in 1993. We developed and updated the biological monitoring plan for each project in close coordination with FDEP. During annual monitoring surveys, our biologists utilize quadrat-based benthic assessments, sediment measurements, and in situ resource mapping, supplemented by photo and video documentation. Data are analyzed to document any potential secondary impacts related to project construction, and reports are prepared and submitted to agencies as required by permit conditions.

3. PANAMA CITY BEACH EROSION CONTROL AND STORM DAMAGE REDUCTION

i. Organization/Owner Name: Bay County Tourist Development Council (TDC)
ii. Address: Panama City Beach, Florida
iii. Project date (Start/End): 1997 to Ongoing
iv. Status of project: Design, Construction, Substantial Completion, Complete
v. Scope: Coastal & Marine Engineering, CB&I was responsible for reformulation of the 17-mile $30 million dollar federal beach nourishment project that was constructed in 1998/99. Since the initial nourishment, we have continued to provide services that protect the shoreline of Panama City Beach in Bay County, including recently obtaining 15-year multi-use permits from the Florida Department of Environmental Protection (FDEP) and US Army Corps of Engineers (USACE) for the beach nourishment program. CB&I continues to prepare permit-required annual monitoring reports.

Our firm has provided the following services to the TDC: preparation of permit applications; assistance with State and Federal funding applications; development of environmental documents for agency coordination; preparation of the supplement to the General Design Memorandum (GDM) to modify the design; modification of upland drainage features and storm water outfalls; preparation of plans and specifications; processing of the Erosion Control Line and assistance with upland easements; offshore geotechnical investigations including vibracores; construction inspection; beach and hydrographic surveys; environmental and physical pre- mid- and post- construction monitoring; and public outreach. The project exceeded expectations and did not require renourishment at the anticipated 5-year design interval in 2004.

In 2005-06, we worked with the USACE Mobile District and the local sponsor to fast track the emergency restoration of the beach following impact of Hurricane Ivan. Our professionals quantified storm losses that qualified for FEMA and USACE emergency funding.

The surveyors conducted offshore sand investigations and bathymetric surveys and located additional local borrow area sites to save construction time and reduce project costs. We worked together with the USACE and the TDC to expedite design and permitting. We continued to assist during construction, which began in April 2005 under the direction of the USACE. A total of 3.3 million cy of sand were placed along 17 miles of Panama City Beach. A portion of the 2005-06 included a truck haul project in Carillon Beach and Pinnacle Port Reach.

CB&I assisted the USACE in assessing the 2005 hurricane impacts to the project area, which allowed for the planning of a 2011 project addressing the 2005 storm losses (constructed fall 2011).

4. 2013-14 TRUCK HAUL NOURISHMENT PROJECT

i. Organization/Owner Name: Collier County
ii. Address: Collier County, Florida
iii. Project date (Start/End): 2012 to 2014

iv. Status of project: Design, Construction, Complete
v. Scope: Coastal & Marine Engineering, CB&I assisted Collier County to design, permit, and implement a comprehensive shore protection project along 8.5 miles of coastline, which was constructed in 2013/14. Our work for Collier County exemplifies the comprehensive services CB&I offers, from permitting through construction and monitoring.

CB&I aided the County in obtaining flexible permit modifications for the 2013/14 project, which allowed either hydraulic placement of beach fill via offshore sand source or fill placed via truck haul from an upland sand source. CB&I also assisted the County in bid package generation with the development of technical specifications that allowed either hydraulic fill placement or placement of sand via truck haul. The 2013/14 project was bid, awarded and constructed using truck haul by two contractors. CB&I helped the County in performing construction observations in order to ensure the project was built to the plans and specifications. Overall, the project placed 240,000 cy of sand within the four construction reaches. The project was a success in that it finished both on time and on budget. The project also resulted in a fringe benefit of providing a positive impact to the local economy.

The 2013/14 project incorporated a comprehensive biological monitoring program developed in coordination with FDEP. Our integrated approach between engineering and biology led to the design and permitting of a beach project that minimized impacts to hardbottom. The 2013 pre-construction monitoring survey and 2015 one-year post-construction survey were completed as a joint effort between CB&I and Collier County biologists.

5. STATE OF LOUISIANA COASTAL PROTECTION AND RESTORATION AUTHORITY (CPRA)
i. Organization/Owner Name: State of Louisiana CPRA
ii. Address: Louisiana
iii. Project date (Start/End): 2007 - ongoing
iv. Status of project: Design, Construction
v. Scope: Coastal & Marine Engineering, Since 2007, CB&I has worked with CPRA to develop and refine formatting standards for the standardization and online dissemination of data and ultimately its incorporation into the Louisiana Sand Resources Database (LASARD). LASARD is a publically available, centralized GIS database developed to help facilitate the identification and management of nearshore, offshore, and riverine sediment resources. In LASARD, the geoscientific data required for ecosystem restoration are archived, populated and maintained on a GIS platform. Once standardized, the data are available to users through the CPRA publically accessible spatial viewer. The overall objective of LASARD is to centralize relevant data from various sources for better project coordination and to facilitate future planning for delineating and utilizing sediment resources for a sustainable ecosystem restoration.

CB&I compiled historic data sets, developed queryable database standards, populated the database with historic data, and maintained the database. We have enjoyed significant cooperation with private industry, academic institutions and the regulatory community while obtaining data for the project. Data types incorporated to date include bathymetric/topographic data; seismic reflection data; sidescan sonar contacts and images; magnetic anomalies; vibracore/grab samples; isopach maps; deposit/borrow areas; shipwrecks/cultural resource sites; and pipelines and platforms. The data sets of LASARD cover the entire Louisiana coast, including the Mississippi River. To date, over 2,000 datasets have been formatted for incorporation into the database.

Through this project, CB&I has minimized the cost and time required to identify resources for current and future coastal restoration projects by streamlining access to existing data sources. We centralized relevant data from various sources for better project coordination and facilitated future planning for delineating and using sediment resources for sustainable ecosystem restoration in coastal Louisiana.

Although relatively new, this work has played a key role in several sand and sediment search investigations. In 2010, the Barataria Reconnaissance Sand Resource Investigation was conducted within State waters. We reviewed and used these datasets to identify potential sediment resources and develop reconnaissance survey, geophysical and geotechnical data collection plans. Researchers used LASARD to focus survey efforts for the Shell Island Barrier Enhancement Project. By using LASARD, initial “data search” costs were substantially reduced, and investigators avoided re-collecting data where data already existed.

We have used the information compiled in LASARD to develop regional sediment maps in support of the Louisiana Sediment Management Plan. These maps are integral to Louisiana's robust coastal program. Louisiana has a very highly developed coastal program with multiple restoration projects occurring in tandem. A regional approach to project and sediment management is therefore paramount to State goals. The surficial sediment maps we developed allow the State to take a regional approach to sediment management, which saves the state considerable dredging fees and efficiently uses the very limited sand resources that are available for coastal restoration.

D. ORGANIZATIONAL STRUCTURE

i. Details of Proposer's staffing resources, at the location that will provide services to the City as well as corporately, by discipline and the number of personnel within each discipline.

WGI'S WEST PALM BEACH CORPORATE OFFICE WILL PROVIDE SERVICES FOR THE CITY.

- **Administrative 36**
- **Biologist 1**
- **CADD Tech 9**
- **Civil Engineer 11**
- **Environmental Scientist 4**
- **Geologist 2**
- **Land Surveyor 60**
- **Landscape Architect 13**
- **Planner: Urban/Regional 9**
- **Structural Engineer 6**
- **Transportation Engineer 12**
- **Engineer Intern 14**
- **Other Employees 3**
- **TOTAL 180**

ii. If Proposer's staffing resources includes sub-consultants, submit the name of the firm(s) who will perform each discipline. If more than one firm is listed for a discipline, then label which firm is the primary firm for that discipline. Firms may perform more than one discipline.

- **CB&I Environmental & Infrastructure, Inc.(CBI) will be providing Coastal & Marine Engineering under the direction of WGI.**
- **Holtz Consulting Engineers (HCE) and Collective Water Resources (CWR) will be providing Water Resources under the direction of WGI.**

iii. Submit an organizational diagram clearly identifying key personnel as well as other staffing resources who will provide services to the City. For each individual in the organization diagram, include each individual's name, title, firm and their functional relationship to each other.

Please see Organization Chart on the following page.

[Remainder of the page intentionally left blank]

TEAM ORGANIZATIONAL CHART

PRINCIPAL-IN-CHARGE
Michael L. Davis, Senior VP (WGI)

CONTRACT MANAGER
Brian LaMotte, PE, LEED AP (WGI)

QA / QC
Richard Hasko, PE (WGI)

PROJECT MANAGER
Brett Oldford, PE (WGI)

1. ENGINEERING
Tom Mueller, PE (WGI)
Jimmy Richie, PE (WGI)
Corey Hill, PE (WGI)
Stephen Cherry, EI (WGI)

4. CIVIL ENGINEERING
Adam Schildmeier, PE (WGI)
Chris Holmes, PE (WGI)
Brian Arnold, PE (WGI)

8. ENVIRONMENTAL
John Abbott, PG (WGI)
Greg Griffith (WGI)
Jerry Renick, CEP (WGI)
Rick Harman (WGI)

2. SURVEY
Sam Hall, PSM (WGI)
Pat Meeds, PSM (WGI)
Eric Matthews, PSM (WGI)
Eric Andelin, CP, GISP (WGI)
Jason Alvarez, CST II (WGI)

6. STRUCTURAL
Brian Rheault, PE (WGI)
Chris LaForte, PE (WGI)
Tim Sherwood, BI (WGI)
Jeff Bergmann, PE (WGI)
Tim DeLand, PE (WGI)

9. WATER RESOURCES
Jerry Saval, PE, CFM (WGI)
Cesar Pena, PE (WGI)
Liz Perez, PE, D.WRE, CFM (CWR)
David Holtz, PE (HCE)
Christine Miranda, PE (HCE)

3. LANDSCAPE ARCHITECTURE
Jason Mihalovits, PLA, LEED AP (WGI)
Cheryl Callender, PLA, LEED, GA (WGI)
Angela Biagi, PLA, LEED BD+C (WGI)
Bryan Donahue, PLA (WGI)
Colin McCann, PLA (WGI)

7. TRANSPORTATION
Keegan Larson, PE (WGI)
Jeremy Botto, PE (WGI)
Mike Madison, PE (WGI)
Juan Ortega, PhD, PE (WGI)
Chad Johnson, EI (WGI)

10. COASTAL & MARINE ENGINEERING
Thomas Pierro, PE, DCE (CBI)
Tara Brenner, PG, PE (CBI)
Douglas Mann, PE, DCE (CBI)
Jordon Cheifet, PE, CFM (CBI)
Spencer Waganaar, EI (CBI)

ADDITIONAL SERVICES

PUBLIC INVOLVEMENT / OUTREACH
Jennifer Hofmeister, AICP (WGI)
Veronica Sanchez (WGI)

SUBSURFACE UTILITY ENGINEERING
Erik Brueningsen, PE (WGI)
Matt Phillips (WGI)
Fred Bachman (WGI)

UTILITY COORDINATION
Alan Boaz (WGI)
Bob Lowen (WGI)

TEAM

Wantman Group, Inc. (WGI)
Holtz Consulting Engineers (HCE)
CB&I (CBI)
Collective Water Resources (CWR)

iv. A written response clearly defining responsibilities, contractual relationships and roles of all individual in the organizational diagram.

Michael L. Davis, Senior Vice President, Principal-in-Charge - Environmental
- As the Principal-in-Charge and a **WGI** officer, Michael provides the City, **WGI's** commitment to high quality professional services. Michael will also be working with the Environmental team.

Brett Oldford, PE - Project Manager - Civil Engineering
- Brett will serve as the Project Manager. Brett will be responsible for all project related items and be responsible for the overall delivery of the project. Brett will be the point person for all contact between the City of Delray Beach and **WGI**. Brett will also be working with the Civil Engineering Team.

Brian LaMotte, PE LEED AP - Contract Manager - Engineering
- Brian will serve as the Contract Manager. Brian will be responsible for developing the final scope of services and negotiating the fee for the project**.** Brian will also be working with the Engineering team.

Richard Hasko, PE - QA/QC - Civil Engineering
- Richard will serve as the QA/QC Manager. Richard will be responsible for implementation of the **WGI** QA/QC policy, ensuring every product that is submitted meets or exceeds the quality standards set by both **WGI** and the City of Delray Beach. Richard will also be working with the Civil Engineering team.

Tom Mueller, PE - Engineering
- Tom will serve as the technical lead for engineering design related services and be responsible for the completion of all engineering design related deliverables.

Jimmy Richie, PE - Engineering
- Jimmy will provide support to Tom for all engineering design related deliverables.

Corey Hill, PE - Engineering
- Corey will provide support to Tom for all engineering design related deliverables.

Stephen Cherry, EI - Engineering
- Stephen will provide support to Tom for all engineering design related deliverables.

Sam Hall, PSM - Survey
- Sam will serve as the technical lead for survey related services and be responsible for the completion of all survey related deliverables.

Pat Meeds, PSM - Survey
- Pat will provide support to Sam for all survey related deliverables.

Eric Matthews, PSM - Survey
- Eric will provide support to Sam for all survey related deliverables.

Eric Andelin, CP, GISP - Survey
- Eric will provide support to Sam for all survey related deliverables.

Jason Alvarez, CST II - Survey
- Jason will provide support to Sam for all survey related deliverables.

Jason Mihalovits, PLA, LEED AP - Landscape Architecture
- Jason will serve as the technical lead for landscape architecture related services and be responsible for the completion of all landscape architecture related deliverables.

Cheryl Callendar, PLA, LEED Green Associate - Landscape Architecture
- Cheryl will provide support to Jason for all landscape architecture related deliverables.

Angela Biagi, PLA, LEED BD+C - Landscape Architecture
- Angela will provide support to Jason for all landscape architecture related deliverables.

Bryan Donahue, PLA, - Landscape Architecture
- Bryan will provide support to Jason for all landscape architecture related deliverables.

Colin McCann, PLA, - Landscape Architecture
- Colin will provide support to Jason for all landscape architecture related deliverables.

Adam Schildmeier, PE - Civil Engineering
- Adam will serve as the technical lead for civil engineering design related services and be responsible for the completion of all civil engineering design related deliverables.

Chris Holmes, PE - Civil Engineering
- Chris will provide support to Adam for all civil engineering design related deliverables.

Brian Arnold, PE - Civil Engineering
- Brian will provide support to Adam for all civil engineering design related deliverables.

Brian Rheault, PE - Structural
- Brian will serve as the technical lead for structural related services and be responsible for the completion of all structural related deliverables.

Chris LaForte, PE - Structural
- Chris will provide support to Brian for all structural design related deliverables.

Tim Sherwood, BI, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Jeff Bergmann, PE - Structural
- Jeff will provide support to Brian for all structural design related deliverables.

Tim DeLand, PE - Structural
- Tim will provide support to Brian for all structural design related deliverables.

Keegan Larson, PE - Transportation
- Keegan will serve as the technical lead for transportation related services and be responsible for the completion of all transportation related deliverables.

Jeremy Botto, PE - Transportation
- Jeremy will provide support to Keegan for all transportation related deliverables.

Mike Madison, PE - Transportation
- Mike will provide support to Keegan for all transportation related deliverables.

Juan Ortega, PhD, PE - Transportation
- Juan will provide support to Keegan for all transportation related deliverables.

Chad Johnson, EI - Transportation
- Chad will provide support to Keegan for all transportation related deliverables.

John Abbott, PG - Environmental
- John will serve as the technical lead for environmental related services and be responsible for the completion of all environmental related deliverables.

Greg Griffith - Environmental
- Greg will provide support to John for all environmental related deliverables.

Jerry Renick - Environmental
- Jerry will provide support to John for all environmental related deliverables.

Rick Harman - Environmental
- Rick will provide support to John for all environmental related deliverables.

Jerry Saval, PE, CFM - Water Resources
- Jerry will serve as the technical lead for water resources related services and be responsible for the completion of all water resources related deliverables.

Cesar Pena, PE - Water Resources
- Cesar will provide support to Jerry for all water resources related deliverables.

Liz Perez, PE, D.WRE, CFM - Water Resources
- Liz will provide support to Jerry for all water resources related deliverables.

David Holtz, PE - Water Resources
- David will provide support to Jerry for all water resources related deliverables.

Christine Miranda, PE - Water Resources
- Christine will provide support to Jerry for all water resources related deliverables.

Thomas Pierro, PE, DCE - Coastal and Marine Engineering
- Tom will serve as the technical lead for coastal and marine engineering related services and be responsible for the completion of all coastal and marine engineering related deliverables.

Tara Brenner, PG, PE - Coastal and Marine Engineering
- Tara will provide support to Tom for all coastal and marine engineering related deliverables.

Douglas Mann, PE, DCE - Coastal and Marine Engineering
- Doug will provide support to Tom for all coastal and marine engineering related deliverables.

Jordon Cheifet, PE, CFM - Coastal and Marine Engineering
- Jordon will provide support to Tom for all coastal and marine engineering related deliverables.

Spencer Waganaar, EI - Coastal and Marine Engineering
- Spencer will provide support to Tom for all coastal and marine engineering related deliverables.

Jennifer Hofmeister, AICP - Public Involvement /Outreach - Additional Services
- Jennifer will serve as the technical lead for public involvement design related services and be responsible for the completion of all public involvement related deliverables.

Veronica Sanchez - Public Involvement /Outreach - Additional Services
- Veronica will provide support to Jennifer for all public involvement related deliverables.

Erik Brueningsen, PE - Subsurface Utility Engineering - Additional Services
- Erik will serve as the technical lead for subsurface utility engineering related services and be responsible for the completion of all subsurface utility engineering related deliverables.

Matt Phillips - Subsurface Utility Engineering - Additional Services
- Matt will provide support to Erik for all subsurface utility engineering related deliverables.

Fred Bachman - Subsurface Utility Engineering - Additional Services
- Fred will provide support to Erik for all subsurface utility engineering related deliverables.

Alan Boaz - Utility Coordination - Additional Services
- Alan will serve as the technical lead for dry utility coordination related services and be responsible for the completion of all dry utility coordination related deliverables.

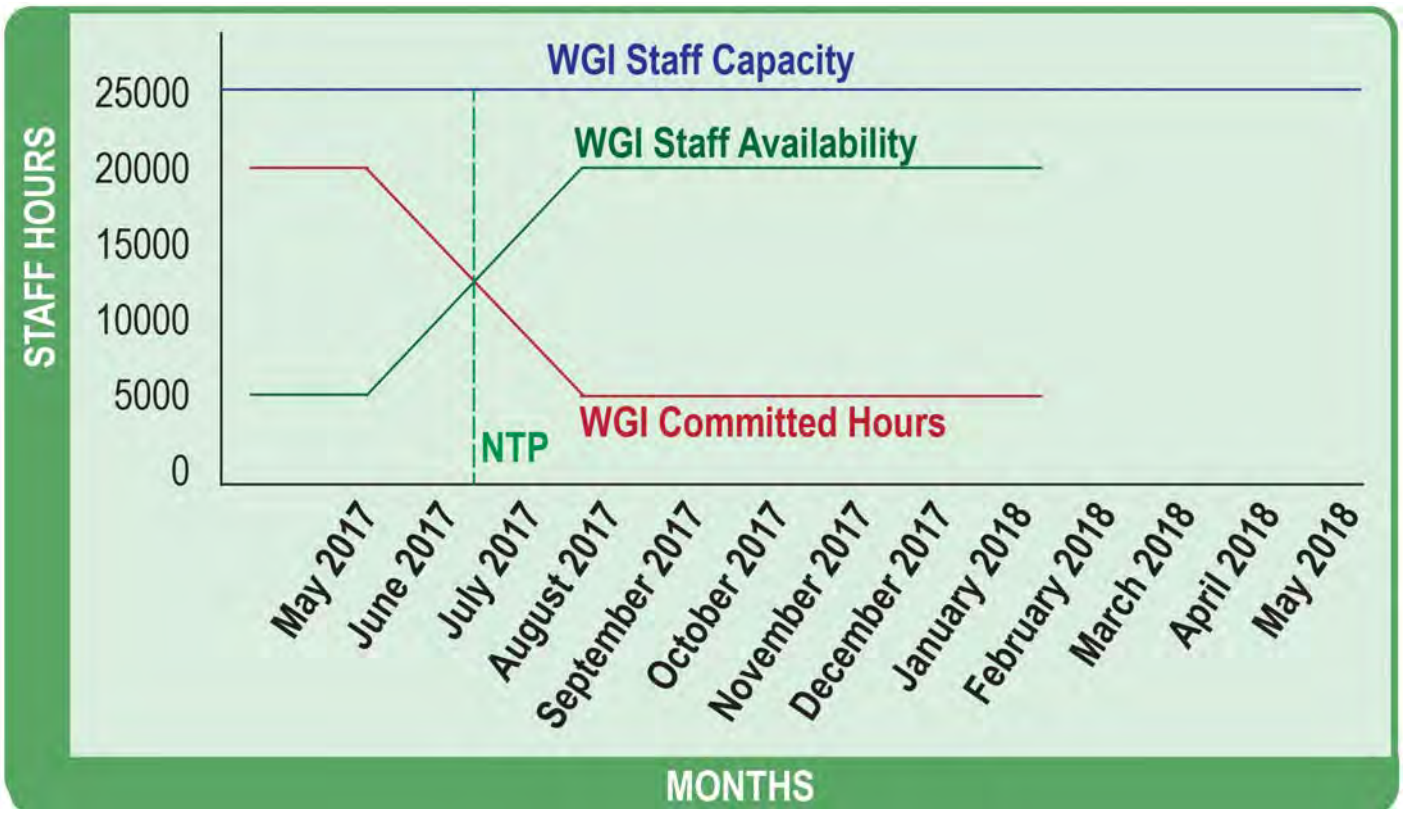
Bob Lowen - Utility Coordination - Additional Services
- Bob will provide support to Alan for all dry utility coordination related deliverables.

v. A narrative detailing Proposer's recent, current, and projected workloads at the time of submission and provide a statement of Proposer's commitment of personnel and other resources for the City project by providing a signed letter of commitment.

WGI understands that an important aspect of a continuing services, task driven contract is the team's ability to provide the necessary depth of staff for immediate response and the ability to manage multiple assignments simultaneously and effectively. We recognize that contracts of this nature present assignments that are unique in scope, often fast tracked and dependent on staff resources, which can, if not managed properly, present overload and delay challenges. **WGI** has maintained task driven continuing services contracts for many years and has the experience and resources necessary to anticipate and compensate for these challenges through efficient scheduling and a dedicated work force. **Specifically, WGI has provided the City of Delray Beach quality consulting services since July 2007. The success of our relationship is driven by the dedication of a team of individuals solely to the City. This means that technically proficient staff members familiar with the City's needs are available to provide immediate response to any request.**

Because **WGI** specializes in public sector contracts, it has the capacity to respond to the assignments and service authorizations anticipated from the City. These public sector contracts support a more stable scheduling and resource management protocol, across the **WGI** multi-discipline divisions. Regardless of the nature, location,

or technical complexity of the assignment, **WGI** brings the experience, technical resources, and depth of staff to deliver the results you require. This contract has the full attention of our entire team.



Please see Commitment Letter on the following page.

[Remainder of the page intentionally left blank]

May 17, 2017

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

RE: CITY OF DELRAY BEACH RFQ NO. 2017-048
CONTINUING ENGINEERING, SURVEYING, AND LANDSCAPING ARCHITECTURAL CONSULTING SERVICES (918-42, 918-89, 906-56)

Dear Selection Committee Members,

WGI'S COMMITMENT

The most important qualification **WGI** brings to the City is the commitment of the firm, at all levels, to develop successful deliverables, deliverables that are technically sound, on schedule and within budgetary requirements. Our key personnel selected for this project are dedicated and will be available to the City for the duration of the contract. The depth of our team with 300 professionals, including 180 registered engineers, landscape architects, planners, environmental scientists, surveyors, and other professionals based in Palm Beach County will provide ample capacity and availability to competently complete all assignments in a timely manner. Our commitment has been clearly demonstrated by **WGI's** superior service and professionalism over the years in providing similar services on a continuing basis for numerous counties and municipalities in South Florida. As the **Principal-in-Charge** and a **WGI Officer**, I provide the City **WGI's** commitment to high quality professional services.

We look forward to demonstrating our ability and unequivocal commitment while serving the City of Delray Beach.

Sincerely,
WANTMAN GROUP, INC.

Michael L. Davis
Senior Vice President
Principal-in-Charge

vi. A narrative detailing all key personnel's recent, current and projected workloads at the time of submission and provide a statement of the availability of each for the City's project.

The key personnel below are currently assigned to the Delray Beach Continuing Contract and a portion of their time is already designated to servicing the needs of the City. Over the past ten years, **WGI** has developed a successful working relationship that provides timely responses to any of the City's needs.

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Michael L. Davis	WGI	Principal-in-Charge Environmental	30%	35%	40%
Brett Oldford, PE	WGI	Project Manager Civil Engineering	35%	45%	50%
Brian LaMotte, PE, LEED AP	WGI	Contract Manager Engineering	25%	40%	45%
Richard Hasko, PE	WGI	QA/QC Civil Engineering	20%	30%	45%
Tom Mueller, PE	WGI	Engineering	40%	45%	50%
Jimmy Richie, PE	WGI	Engineering	20%	35%	50%
Corey Hill, PE	WGI	Engineering	25%	35%	40%
Stephen Cherry, EI	WGI	Engineering	25%	45%	45%
Sam Hall, PSM	WGI	Survey	35%	35%	40%
Pat Meeds, PSM	WGI	Survey	30%	30%	35%
Eric Matthews, PSM	WGI	Survey	25%	25%	30%
Eric Andelin, CP, GISP	WGI	Survey	40%	45%	55%
Jason Alvarez, CST II	WGI	Survey	25%	30%	35%
Jason Mihalovits, PLA, LEED AP	WGI	Landscape Architecture	25%	40%	40%
Cheryl Callender, PLA, LEED Green Associate	WGI	Landscape Architecture	30%	35%	35%
Angela Biagi, PLA, LEED BD+C	WGI	Landscape Architecture	35%	35%	35%
Bryan Donahue, PLA	WGI	Landscape Architecture	30%	20%	35%
Colin McCann, PLA	WGI	Landscape Architecture	30%	35%	45%
Adam Schildmeier, PE	WGI	Civil Engineering	40%	40%	45%
Chris Holmes, PE	WGI	Civil Engineering	20%	30%	40%
Brian Arnold, PE	WGI	Civil Engineering	20%	30%	40%
Brian Rheault, PE	WGI	Structural	25%	30%	35%
Chris LaForte, PE	WGI	Structural	30%	40%	45%
Tim Sherwood, BI, PE	WGI	Structural	25%	40%	45%
Jeff Bergmann, PE	WGI	Structural	30%	35%	45%
Tim DeLand, PE	WGI	Structural	25%	35%	40%
Keegan Larson, PE	WGI	Transportation	25%	30%	35%
Jeremy Botto, PE	WGI	Transportation	25%	30%	35%
Mike Madison, PE	WGI	Transportation	20%	30%	35%

NAME	FIRM	DISCIPLINE	CURRENT AVAILABILITY	6 MONTH AVAILABILITY	12 MONTH AVAILABILITY
Juan Ortega, PhD, PE	WGI	Transportation	20%	35%	35%
Chad Johnson, EI	WGI	Transportation	30%	35%	35%
John Abbott, PG	WGI	Environmental	25%	30%	30%
Greg Griffith	WGI	Environmental	20%	25%	25%
Jerry Renick	WGI	Environmental	20%	25%	25%
Rick Harman	WGI	Environmental	25%	35%	40%
Jerry Saval, PE, CFM	WGI	Water Resources	30%	40%	50%
Cesar Pena, PE	WGI	Water Resources	25%	35%	45%
Liz Perez, PE, D.WRE, CFM	CWR	Water Resources	15%	25%	25%
David Holtz, PE	HCE	Water Resources	20%	25%	25%
Christine Miranda, PE	HCE	Water Resources	20%	30%	30%
Thomas Pierro, PE, DCE	CBI	Coastal and Marine Engineering	25%	30%	35%
Tara Brenner, PG, PE	CBI	Coastal and Marine Engineering	25%	30%	35%
Douglas Mann, PE, DCE	CBI	Coastal and Marine Engineering	25%	35%	35%
Jordon Cheifet, PE, CFM	CBI	Coastal and Marine Engineering	20%	30%	40%
Spencer Waganaar, EI	CBI	Coastal and Marine Engineering	25%	25%	35%

CHAPTER 5

PUBLIC ENTITY FORM, DRUG FREE WORKPLACE FORM, CONFLICT OF INTEREST FORM, ACKNOWLEDGMENT OF ADDENDA FORM

Form A - Signature Authority

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

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

☒ **Documentation is not required.**

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

Form B - Public Entity Crimes

NOTIFICATION OF PUBLIC ENTITY CRIMES LAW

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

Acknowledged by:

Wantman Group, Inc.

Firm Name

Signature

May 17, 2017

Date

Michael L. Davis, Senior Vice President, Principal-in-Charge

Printed Name and Title

Form C - Drug-Free Workplace

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

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

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

1) This firm publishes a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2) This firm informs employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3) This firm gives each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4) In the statement specified in subsection (1), this firm notifies the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5) This firm imposes a sanction on or requires the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6) This firm will continue to make a good faith effort to maintain a drug-free workplace through implementation of this section.

Acknowledged by:

Wantman Group, Inc.

Firm Name

Signature

May 17, 2017

Date

Michael L. Davis, Senior Vice President, Principal-in-Charge

Printed Name and Title

Form D - Conflict of Interest Disclosure

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

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

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

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

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

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

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

Acknowledged by:

Wantman Group, Inc.

Firm Name

Signature

May 17, 2017

Date

Michael L. Davis, Senior Vice President, Principal-in-Charge

Printed Name and Title

Form E - Acknowledgment of Addenda

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

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

Signature of Proposer's Agent	Title
Michael L. Davis	**May 19, 2017**
Printed Name	Date

Senior Vice President, Principal-in-Charge

CHAPTER 6

EVIDENCE OF INSURANCE

CHAPTER 6 - EVIDENCE OF INSURANCE

WGI CERTIFICATE OF INSURANCE

Client#: 25411 WANTGROU

ACORD™ **CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY): 8/25/2016

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

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

PRODUCER	CONTACT NAME: Carly Underwood
Greyling Ins. Brokerage/EPIC 3780 Mansell Road, Suite 370 Alpharetta, GA 30022	PHONE (A/C, No, Ext): 770.552.4225 FAX (A/C, No): 866.550.4082 E-MAIL ADDRESS: carly.underwood@greyling.com

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
Wantman Group, Inc. 2035 Vista Parkway Suite 100 West Palm Beach, FL 33411	INSURER A : Valley Forge Insurance Co	20508
	INSURER B : Continental Insurance Company	35289
	INSURER C : Transportation Insurance Co	20494
	INSURER D : Lexington Insurance Company	19437
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER: 16-17 Main** **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	X COMMERCIAL GENERAL LIABILITY			6042994258	09/18/2016	09/18/2017	EACH OCCURRENCE	$1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$1,000,000
							MED EXP (Any one person)	$15,000
							PERSONAL & ADV INJURY	$1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$2,000,000
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$2,000,000
	OTHER:							$
A	AUTOMOBILE LIABILITY			6042994275	09/18/2016	09/18/2017	COMBINED SINGLE LIMIT (Ea accident)	$1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	ALL OWNED AUTOS / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS / NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	$
								$
B	X UMBRELLA LIAB X OCCUR			6042994292	09/18/2016	09/18/2017	EACH OCCURRENCE	$5,000,000
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$5,000,000
	DED X RETENTION $10,000							$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N	N / A		6042994289	09/18/2016	09/18/2017	X PER STATUTE OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N (Mandatory in NH)						E.L. EACH ACCIDENT	$1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$1,000,000
							E.L. DISEASE - POLICY LIMIT	$1,000,000
D	Professional Liability			027015040	09/18/2016	09/18/2017	Per Claim $2,000,000 Aggregate $2,000,000	

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

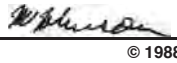
CERTIFICATE HOLDER

Sample Certificate

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.

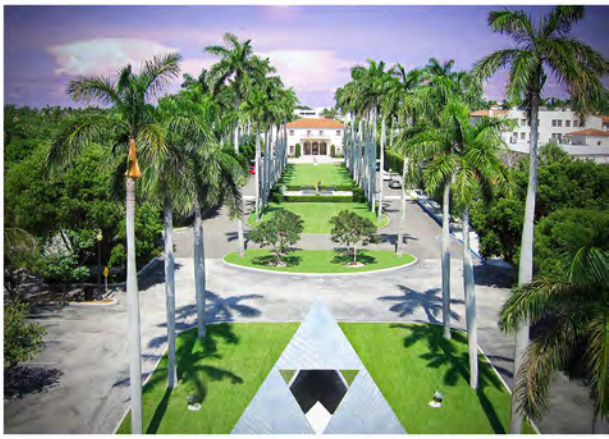
AUTHORIZED REPRESENTATIVE



CUND1

Brett Oldford, PE | Project Manager

brett.oldford@WGInc.com



ENGINEERING // TRANSPORTATION // STRUCTURES // ENVIRONMENTAL // SUE // SURVEY
LANDSCAPE ARCHITECTURE // PLANNING // WATER RESOURCES // CREATIVE SERVICES

2035 Vista Parkway | West Palm Beach, FL 33411
Tel:561.687.2220 | Fax: 561.687.1110
www.WGInc.com

EXHIBIT "B"

Category: Engineering, Civil Engineering; Structural Engineering; Transportation Engineering; Environmental Engineering; Water Resources Engineering	**Hourly Raw Salary Rate**
Principal Engineer	$ 53.42
Project Manager	$ 33.06
Senior Engineer	$ 34.61
Engineer I	$ 20.00
Engineer II	$ 24.52
Senior Engineering Tech	$ 25.21
Senior CADD Designer	$ 21.75
CADD Designer	$ 20.00
Construction Manager	$ 30.00
Senior Inspector	$ 22.00
Office Support	$ 18.68

Category: Land Surveying	**Hourly Raw Salary Rate**
Professional Land Surveyor	$ 36.00
CADD Drafting	$ 25.00
Survey Field Crew	$ 41.66
Office Support	$ 18.00

Category: Landscaping Architecture	**Hourly Raw Salary Rate**
Principal Landscaping Architecture	$ 51.44
Project Manager	$ 40.38
Landscape Architect	$ 36.67
CADD Designer	$ 24.56
Construction Manager	$ 30.45
Office Support	$ 21.22

PRICE ADJUSTMENTS BASED ON GOVERNMENTAL PRICE INDEX

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

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