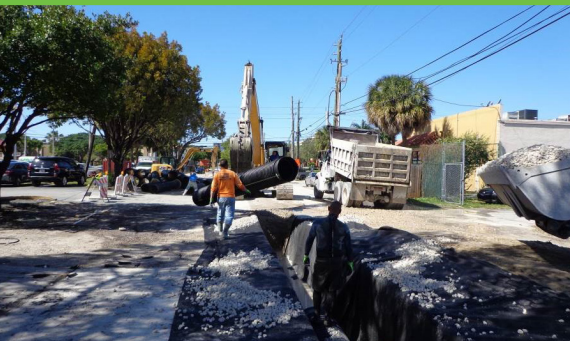




Proposal | RFP #FY-2017-2018-010

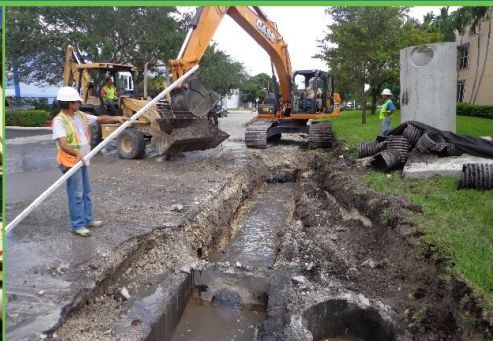
CONSTRUCTION ADMINISTRATION & ENGINEERING INSPECTION SERVICES - FEMA GRANT - SW DRAINAGE PROJECT

MAY 21, 2018





TITLE PAGE



Section 1

Title Page



RFP Number

#FY 2017-2018-010

Title

Construction Administration and Engineering Inspection Services;
Federal Emergency Management Agency (FEMA) Grant;
Southwest (SW) Drainage Project

Firm

King Engineering Associates, Inc.

Contact Person Name, Address, Phone & Email

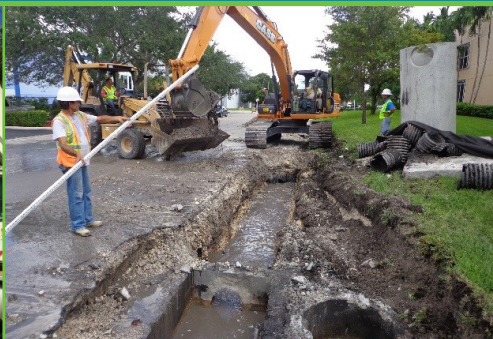
Christopher Kuzler, PE
Managing Principal
4921 Memorial Highway, Suite 300, Tampa, Florida 33634
813-880-8881

Date of Proposal

May 21, 2018



CONTENTS



Section 2

Contents



Section 1

Title Page

Section 2

Table of Contents

Section 3

Transmittal Letter

Section 4

Executive Summary

Section 5

Minimum Qualification Requirements

Section 6

Required Forms

Section 7

Qualifications and Experience

Section 8

Past Performance / References

Section 9

Approach

Section 10

MBE Certification



TRANSMITTAL LETTER



May 21, 2018

City of Hallandale Beach
Office of the City Clerk – Suite 204
400 South Federal Highway
Hallandale Beach, FL 33009

Subject: Request for Proposal (RFP) # FY 2017-2018-010
Construction Administration and Engineering Services
Federal Emergency Management Agency (FEMA) Grant
Southwest (SW) Drainage Project

Dear Members of the Selection Committee:

King Engineering Associates, Inc. (King) is pleased to submit our proposal in response to the subject Request for Proposal (RFP). King, our affiliate firms and our team of professionals bring distinct advantages in the delivery of these services. We have organized our response in accordance with your request, including the specific requirements for this letter.

Understanding of Work

King understands that this project includes providing construction administration and engineering inspection services for the South West Drainage Improvements projects, which are being funded through the FEMA Hazard Mitigation Grant Program. While there are numerous local engineering firms that can provide the construction administration services, supporting a FEMA-funded drainage effort requires a unique background of knowledge and understanding to ensure compliance, maximize reimbursements and eliminate de-obligations. *King provides more than a decade of experience providing these services.*

Commitment to Perform Work

King is committed to delivering a quality project within the time period agreed. This commitment is backed by four decades of successful work history in Florida. We are proud of our reputation for delivering on-time, on-budget services and look forward to this opportunity to demonstrate our abilities to the City of Hallandale Beach.

Best Qualified; Unique Offerings

As you evaluate the submittals, we ask that you consider the following strengths of our team:

- **Leaders in Disaster Management:** more than 13 years of in-depth disaster management, FEMA coordination and grant administration (FEMA PA, 404 Hazard Mitigation, 406 Hazard Mitigation and 408 programs, FEMA INF, FEMA CDL, Direct Repair, HUD CDBG-DR, USDA, USACE, FHWA, FTA EPA, etc.) experience. Specifically, we have furnished recovery program management and federal funds management services to repair, elevate and harden infrastructure to make communities more resilient for 24 federally-declared disasters in 12 states. Our funding knowledge and expertise will ensure that Hallandale Beach receives the maximum reimbursement and eliminate de-obligations.

May 21, 2018

Page 2 of 2

- **Drainage Design and Construction Administration Expertise:** more than 30 years of drainage design and construction administration experience throughout Florida, Louisiana, Texas and New York, including disaster-related drainage infrastructure planning, design and construction. King's Ricardo Maristany will lead the team, bringing experience managing construction for large infrastructure programs throughout South Florida. Our long-standing successful Florida work history ensures compliance with all applicable codes, statutes and regulatory requirements.

Irrevocable Proposal

King commits that this is a firm and irrevocable offer until such time as the City Commission awards a contract as a result of this RFP.

Officer/Authorized Representative

This proposal is signed by a duly authorized officer of the firm, as demonstrated by the attached Sunbiz documentation. The name of our authorized representative is:

Christopher Kuzler, PE, Managing Principal
King Engineering
4921 Memorial Highway, Suite 400, Tampa, FL 33634
Phone:813-880-8881
Email: ckuzler@kingengineering.com

Project Manager

We have selected one of our strongest project managers to lead this project. Mr. Ricardo Maristany, PE brings over 10 years of experience, including construction management of more than \$250 million in capital improvements in South Florida. His contact information is:

Ricardo Maristany, PE, Senior Project Manager
King Engineering
8700 West Flagler Street, Suite 180, Miami, FL 33174
Phone:305-392-9979
Email: rmaristany@kingengineering.com

We welcome the opportunity to expand upon our qualifications and approach and look forward to working with the City of Hallandale Beach on this important project.

Sincerely,

King Engineering Associates, Inc.



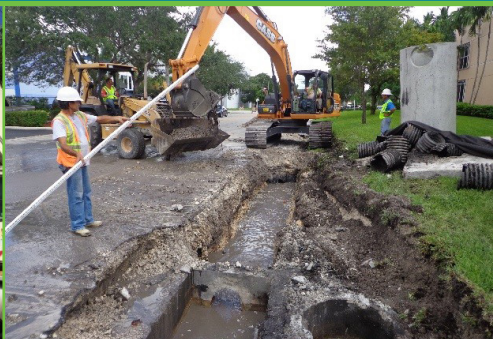
Christopher Kuzler, PE
Managing Principal

Attachments



EXECUTIVE SUMMARY

EXECUTIVE SUMMARY



Section 4

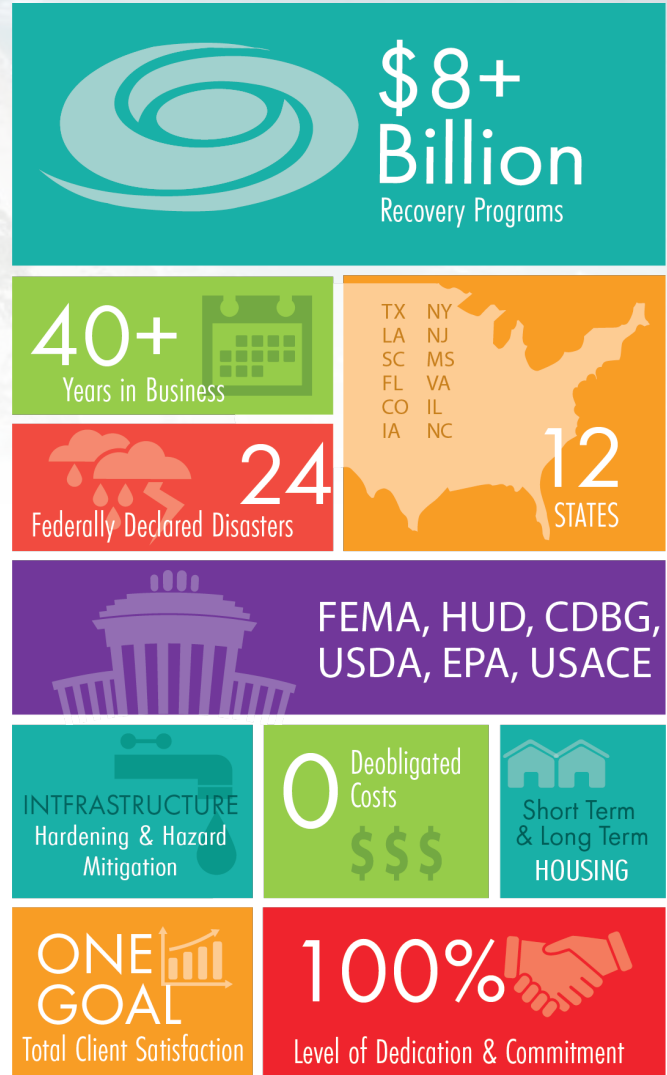
Executive Summary



King Engineering, Inc., together with our affiliate and predecessor firms (Ardurra Group and BCG Engineering) offers Hallandale Beach in-depth experience managing FEMA funded infrastructure improvements, including drainage construction management, administration and engineering inspection services. Our local Florida-licensed professional engineers bring decades of local drainage design and construction management expertise, including drainage, stormwater and pump station design. Our disaster recovery subject matter experts and recovery staff have extensive experience in HUD CDBG and CDBG-DR, FEMA PA, FEMA 404 and 406 programs, FHA, USDA and EPA funded programs.

Services include:

- **Project and construction management** – FEMA, FEMA IA, PA, 404 & 406, USDA, FHA, USACE, CDBG & EPA programs
- **Drainage** – collection, conveyance, master planning, and pump stations
- **Disaster management** - planning, mitigation, facility assessment, recovery, and close out
- **Grant application development** - EDA, FEMA, HUD, EPA, Wildlife & Fisheries, and USDA
- **Water and Wastewater** – treatment (including biosolids) and conveyance
- **Environmental** – assessments and compliance management
- **Flood control** – bulkheads, floodwalls, floodgates, levees, channels, and bank stabilization
- **Coastal engineering and Navigation** – marsh restoration and creation, locks, dams, and dredging
- **Hydraulic & hydrologic engineering** – river & watershed studies, and water/wastewater hydraulic modeling
- **Architecture**



FEMA Regulations, Documentation and Reporting

King's FEMA Subject Matter Experts bring decades of experience managing FEMA-funded infrastructure improvements. Understanding how and when funding from agencies like FEMA and others is available is critical to providing the most impact for the available funding. King has experienced the funding lifecycle of multiple major disasters and has a clear vision on day one of opportunities to maximize your recovery. This Team has helped clients use combinations of FEMA Public Assistance funds, 406 Hazard Mitigation funds, 404 Mitigation funds, EDA funds and CDBG funds to build back stronger and more functional and resilient facilities.

King understands that maximizing funding and minimizing the risk of repayment is truly the most important part of the program and represents the standard by which success is measured. We believe it is critically important to have an

integrated group managing the FEMA funding documentation collection, review and assessment, reconciliation and validation. We routinely develop a comprehensive and centralized document management and control system including a multi-faceted centralized database to ensure the appropriate and timely capture of eligible costs to best position for reimbursement.

In addition to properly identifying and justifying eligible expenses, we understand how to provide proper guidance on services in order not to jeopardize their eligibility for reimbursement.

We structure every project from the beginning to successfully complete the project closeout audit with no deobligations. We also have experience to pursue opportunities to obtain funds for the required portion of the remaining match to FEMA funds. King has helped several clients pursue and obtain CDBG funding for use as their match for FEMA funding.

Large Drainage Design and Construction Expertise

Urbanization and land development cannot be possible without adequate drainage and stormwater infrastructure. Sound floodplain management strategies are essential for responsible urban development, particularly in flood prone areas.

King has provided engineering and construction management services throughout Florida since 1977 with an expertise in civil works projects – specifically drainage,

flood control, sewer, water and wastewater for public agencies. Hydraulics, a specialized science, is the basis for good drainage design. As water resources professionals, mastering this science is a must. We use hydraulics to identify optimal ways to move, store, and release stormwater into features such as canals, pipes, ponds or reservoirs, outlets, spillways, erosion control, pump stations and others. Our knowledge in the design of detention and retention structures, flood proof structures, storm water pumping facilities, water diversion structures, and other structures supports a higher quality construction effort.

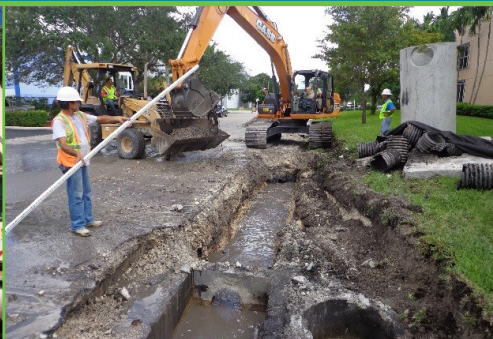
To ensure the best outcome for your project, you need people who know what they're doing—every step of the way. Our experienced construction consultant professionals provide effective leadership, sharp attention to detail and a valued partnership you can count on throughout the life of your project.

King provides comprehensive construction management consulting services with professionals who possess the engineering and construction experience to provide real-world, cost-effective solutions to the everyday challenges that owners, contractors, engineers, and architects face throughout the construction process. From the initial concept to project closeout, we assist in facilitating and coordinating the construction process to mitigate complex problems.





MQRs



Section 5

Minimum Qualification Requirements



King Engineering Associates, Inc. meets or exceeds each of the Minimum Qualification Requirements (MQRs) set forth in the RFP as demonstrated below.

MINIMUM QUALIFICATION REQUIREMENTS

MQR	KING COMPLIANCE
MQR #1: Sunbiz Incorporation Prior to 2012	✓EXCEEDS: King has been registered with Sunbiz since 1977; a copy of our Corporate filing information is included in this section
MQR #2: Valid License with Florida Statute 471	✓MEETS: King has been incorporated under the State of Florida laws since 1977 and our corporation document number is 555540; a copy of our license is included in this section
MQR #3: 5 Years of Experience Performing Same Scope of Work	✓EXCEEDS: King brings more than 40 years of experience providing Drainage Design and Construction Management throughout Florida and More than 13 years of Experience providing FEMA-funding infrastructure Improvements; The Requested forms demonstrating our experience are included in Section 8: Past Performance and References



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Florida Profit Corporation
KING ENGINEERING ASSOCIATES, INC.

Filing Information

Document Number	555540
FEI/EIN Number	59-1782900
Date Filed	12/19/1977
State	FL
Status	ACTIVE
Last Event	AMENDED AND RESTATED ARTICLES
Event Date Filed	04/28/2017
Event Effective Date	NONE

Principal Address

4921 MEMORIAL HWY
TAMPA, FL 33634-7520

Changed: 02/07/2012

Mailing Address

4921 MEMORIAL HWY
TAMPA, FL 33634-7520

Changed: 04/23/1999

Registered Agent Name & Address

CORPORATION SERVICE COMPANY
1201 HAYS STREET
TALLAHASSEE, FL 32301

Name Changed: 04/28/2017

Address Changed: 04/28/2017

Officer/Director Detail

Name & Address

Title Sr. V.P./ Director, / Asst. Secretary, / Managing Principal

KUZLER, CHRISTOPHER F
4921 MEMORIAL HWY STE 300
TAMPA, FL 33634

Title Managing Principal/ Secretary

ROSS, MICHAEL E
 4921 MEMORIAL HWY STE 300
 TAMPA, FL 33634

Title Assit. VP

Greer, James David
 4921 Memorial Hwy
 300
 Tampa, FL 33634

Title CFO

Mistarz, Jeffrey Robert
 4921 MEMORIAL HWY
 TAMPA, FL 33634-7520

Title Senior Vice President

Thorpe, Ryan
 4921 MEMORIAL HWY
 TAMPA, FL 33634-7520

Title Sr. Vice President

Lee, Christopher
 4921 MEMORIAL HWY
 TAMPA, FL 33634-7520

Annual Reports

Report Year	Filed Date
2017	01/16/2017
2018	01/19/2018
2018	03/21/2018

Document Images

03/21/2018 -- AMENDED ANNUAL REPORT	View image in PDF format
01/19/2018 -- ANNUAL REPORT	View image in PDF format
04/28/2017 -- Merger	View image in PDF format
04/28/2017 -- Amended and Restated	View image in PDF format
01/16/2017 -- ANNUAL REPORT	View image in PDF format
10/19/2016 -- AMENDED ANNUAL REPORT	View image in PDF format
06/16/2016 -- AMENDED ANNUAL REPORT	View image in PDF format
04/29/2016 -- Merger	View image in PDF format
01/27/2016 -- ANNUAL REPORT	View image in PDF format
07/06/2015 -- AMENDED ANNUAL REPORT	View image in PDF format
03/02/2015 -- ANNUAL REPORT	View image in PDF format
01/30/2014 -- ANNUAL REPORT	View image in PDF format

02/07/2013 -- ANNUAL REPORT	View image in PDF format
02/07/2012 -- ANNUAL REPORT	View image in PDF format
01/07/2011 -- ANNUAL REPORT	View image in PDF format
01/29/2010 -- ANNUAL REPORT	View image in PDF format
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02/28/2007 -- ANNUAL REPORT	View image in PDF format
01/27/2006 -- ANNUAL REPORT	View image in PDF format
01/18/2005 -- ANNUAL REPORT	View image in PDF format
02/11/2004 -- ANNUAL REPORT	View image in PDF format
01/31/2003 -- ANNUAL REPORT	View image in PDF format
04/03/2002 -- ANNUAL REPORT	View image in PDF format
02/14/2002 -- ANNUAL REPORT	View image in PDF format
02/03/2001 -- ANNUAL REPORT	View image in PDF format
01/22/2000 -- ANNUAL REPORT	View image in PDF format
04/23/1999 -- ANNUAL REPORT	View image in PDF format
02/18/1998 -- ANNUAL REPORT	View image in PDF format
09/16/1997 -- AMENDED AND RESTATED ARTICLES OF INCORPORATION	View image in PDF format
02/03/1997 -- ANNUAL REPORT	View image in PDF format
02/27/1996 -- ANNUAL REPORT	View image in PDF format
03/24/1995 -- ANNUAL REPORT	View image in PDF format

State of Florida

Department of State

I certify from the records of this office that KING ENGINEERING ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on December 19, 1977.

The document number of this corporation is 555540.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 19, 2018, 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 Twenty-second day of January,
2018*



Ken DeJong
Secretary of State

Tracking Number: CU0639655540

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

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



Proposers must provide the information for MQR #3 on the following chart(s):

Name and Location of Contract # 1:	Disaster Recovery for Hurricanes Matthew and Irma, St. Johns County, FL
Name of the Firm that was awarded the Contract:	Ardurra (King Affiliate) - Constantine
List all of the sub-contractors that worked for the awarded Contractor to provide all services required for the Contract:	Ardurra Group (King Affiliate) Constantine (JV Partner)
Date when Contract started:	December 2016
Date when Contract was completed:	Ongoing
Name of entity for which services were provided to:	St. Johns County, Florida
Updated contact name, phone and email for Project Manager where services were provided to:	Joseph Giammanco (904) 209-0152 jgiammanco@sjcfl.us
What specific types of tasks did the awarded Firm perform? Explain in detail the experience with FEMA Drainage Projects.	Provided technical expertise and clerical support for writing of FEMA project worksheets (PWs) related to recovery from hurricanes Matthew and Irma, including drainage, utilities, roads, beaches, debris removal, etc.
Explain in detail all the services that the awarded Contractor performed:	PW development and FEMA guidance, infrastructure design support and construction management and administration



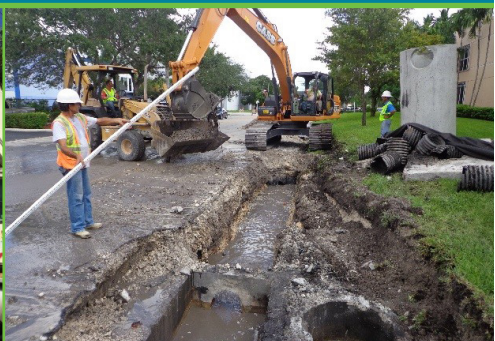
Name and Location of Contract # 2:	FEMA Grant Management and Closeout Services, St. Bernard Parish, LA
Name of the Firm that was awarded the Contract:	Ardurra Group (King Affiliate)
List all of the sub-contractors that worked for the awarded Contractor to provide all services required for the Contract:	Ardurra Group H. Davis Cole & Associates
Date when Contract started:	2013
Date when Contract was completed:	Ongoing
Name of entity for which services were provided to:	St. Bernard Parish, LA
Updated contact name, phone and email for Project Manager where services were provided to:	Donald Bourgeois (504) 236-3877 dbourgeois@sbpg.net
What specific types of tasks did the awarded Firm perform? Explain in detail the experience with FEMA Drainage Projects.	FEMA grant management and close-out services for damages to St. Bernard Parish's infrastructure related to Katrina, including water/wastewater, buildings, civic centers, parks, streets and drainage infrastructure (canals, culverts, pump stations and bridge crossings)
Explain in detail all the services that the awarded Contractor performed:	FEMA compliance advisory services, design support and construction management and administration guidance



Name and Location of Contract # 3:	Gulf Coast Water Authority, Hurricane Harvey FEMA Grant Services, TX
Name of the Firm that was awarded the Contract:	Ardurra Group (King Affiliate)
List all of the sub-contractors that worked for the awarded Contractor to provide all services required for the Contract:	Ardurra Group (King Affiliate) Kalluri Group
Date when Contract started:	September 2017
Date when Contract was completed:	Ongoing
Name of entity for which services were provided to:	Gulf Coast Water Authority
Updated contact name, phone and email for Project Manager where services were provided to:	James Vanderwater (281) 687-7270 jvanderwater@gcwater.org
What specific types of tasks did the awarded Firm perform? Explain in detail the experience with FEMA Drainage Projects.	FEMA-funded project for restoration of major water intake, pumping, storage and conveyance structures including approximately 300 miles of canals
Explain in detail all the services that the awarded Contractor performed:	FEMA compliance advisory services, damage assessment, PW development, design support and construction management and administration support



FORMS





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

King Engineering Associates, Inc.
4921 MEMORIAL HIGHWAY
SUITE 300
TAMPA, FL 33634

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

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

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

State of Florida

Board of Professional Engineers

Attests that

King Engineering Associates, Inc.



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

Expiration: 2/28/2019
Audit No: 228201900846 R

CA Lic. No:
2610



VARIANCE FORM

The proposing Firm must provide and state any and all variances to this RFP, specifications, the Terms and Conditions and City Form Agreement and III on this variance form.

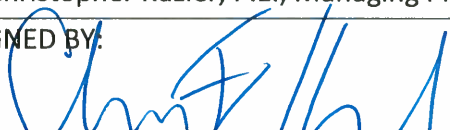
After award of Contract through City Commission, via the Resolution, the awarded Firm's Variance Form will be reviewed by appropriate City Staff, the City Attorney and the Risk Manager. If the variances presented by your Firm are acceptable to the City, the Agreement will be routed to the awarded Firm for execution by the authorized officer of the Firm. The fully executed agreement will be required to be returned to the City of Hallandale Beach Procurement Department, Tom Camaj, via email tcamaj@cohb.org within five (5) business days from receipt of the email from the Procurement Department to the awarded Firm's contact. Failure to provide a duly executed agreement by the awarded Firm to the City within five (5) business days from receipt may result in loss of award of such contract to your Firm. Variances requested to either the RFP, the Terms and Conditions and the City Form Agreement from your Firm may result in the City rescinding award of contract to your Firm.

If your Firm has no variances, please state "None" (provide additional pages if necessary). This form must be provided back in Firm's response.

None



THIS PROPOSAL SUBMITTED BY:

COMPANY: King Engineering Associates, Inc.
ADDRESS: 4921 Memorial Highway, Suite 300
CITY & STATE: Tampa, Florida
ZIP CODE: 33634
TELEPHONE: 813-880-8881
DATE OF RFP: May 1, 2018
FACSIMILE NUMBER:
E-MAIL ADDRESS: ckuzler@kingengineering.com
FEDERAL ID NUMBER: 591782900
NAME & TITLE PRINTED: Christopher Kuzler, P.E., Managing Principal
SIGNED BY: 

WE (I) the above signed hereby agree to furnish the item(s), service(s) and have read all attachments including specifications, terms and conditions and fully understand what is required.

The Request for Proposals, Specifications, Proposal Forms, and/or any other pertinent document form a part of this proposal and by reference made a part hereof. Signature indicates acceptance of all terms and conditions of the RFP.



LEGAL PROCEEDINGS FORM

Proposing Firm must provide items a-d with your Firm's response as an attachment and checking off that documents were provided. Your Firm must ensure your response is addressing by title for each item a-d below. If an item(s) is not applicable, your Firm must check off as applicable stating "N/A" and authorized officer per Sunbiz to provide signature.

- a. Arbitrations: List all arbitration demands filed by or against your Firm in the last five (5) years, and identify the nature of the claim, the amount in dispute, the parties and the ultimate resolution of the proceeding.

Check here if provided Check here if Not Applicable (N/A)

- b. Lawsuits: List all lawsuits filed by or against, your Firm in the last five (5) years, and identify the nature of the claim, the amount in dispute, the parties, and the ultimate resolution of the lawsuit.

Check here if provided Check here if Not Applicable (N/A)

- c. Other Proceedings: Identify any lawsuits, administrative proceedings, or hearings initiated by the National Labor Relations Board, Occupational Safety and Health or similar state agencies in the past five (5) years concerning any labor practices or project safety practices by your Firm. Identify the nature of any proceeding and its ultimate resolution.

Check here if provided Check here if Not Applicable (N/A)

- d. Bankruptcies: Has your Firm or its parents or any subsidiaries ever had a Bankruptcy Petition filed in its name, voluntarily or involuntarily? (If yes, specify date, circumstances, and resolution).

Check here if provided Check here if Not Applicable (N/A)

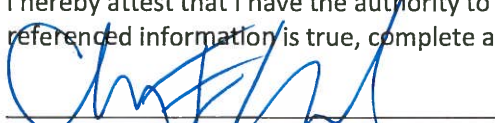
- e. Settlements: Identify all settlements for your Firm in detail in the last five (5) years.

Check here if provided Check here if Not Applicable (N/A)

I, Christopher Kuzler, Managing Principal
Name of Authorized Officer per SunBiz Title

of King Engineering Associates, Inc.
Name of Firm as it appears on Sunbiz

I hereby attest that I have the authority to sign this notarized certification and certify that the above referenced information is true, complete and correct.


Signature of Authorized Officer per SunBiz

Christopher Kuzler, PE
Print Name of Authorized Officer per SunBiz

ARBITRATIONS, LAWSUITS and SETTLEMENTS

Project: Stoney Creek Villas

Owner: The Boulevard Homeowners Association, Florida

Prior to being acquired by King Engineering Associates, Inc. (King) in 2007, Googins and Associates, Inc. (Googins) provided civil engineering design services for a condominium complex in Lakeway, Texas. King has been named as a third party defendant in a lawsuit between Stoney Creek Villas and The Boulevard Homeowner Associates for alleged design deficiencies. The Purchase Agreement between King and Googins clearly indemnifies King against any claims made against Googins for work completed by Googins prior to the acquisition and King is currently in the process of being released from the case.

Project: Land O'Lakes Reservoir

Owner: Pasco County, Florida

Pasco County sued King alleging that King and its geotechnical subconsultant were negligent in the selection of a site for a reservoir and in their design of the reservoir. All three (3) parties settled in an amicable manner.

Project: SELA Program Management

Owner: Jefferson County, Louisiana

Property owner sued Jefferson Parish, the Federal Construction Contractors, and BCG (Ardurra) for property damages related to the construction of a federally funded project within the SELA program. The case settled for \$460,000. The BCG (Ardurra) portion of the settlement was \$5,000.



PUBLIC ENTITY CRIME FORM

**SWORN STATEMENT PURSUANT TO SECTION 287.133(2) (a),
FLORIDA STATUTES,
PUBLIC ENTITY CRIME INFORMATION**

“A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a Contractor, supplier, subcontractor, 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, for CATEGORY TWO for a period of 36 months following the date of being placed on the convicted vendor list.”

By: 

Title: Managing Principal

Signed and Sealed 17th day of May, 2018

Domestic Partnership Certification Form

This form must be completed and submitted with your Firm's submittal.

Equal Benefits Requirements As part of the competitive solicitation and procurement process a Contractor seeking a Contract shall certify that upon award of a Contract it will provide benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees' spouses. Failure to provide such certification shall result in a Contractor being deemed non-responsive.

Domestic Partner Benefits Requirement means a requirement for City Contractors to provide equal benefits for domestic partners. Contractors with five (5) or more employees contracting with City, in an amount valued over \$50,000, provide benefits to employees' spouses and the children of spouses.

The Firm providing a response, by virtue of the signature below, certifies that it is aware of the requirements of City of Hallandale Beach Ordinance 2013-03 Domestic Partnership Benefits Requirement, and certifies the following:

Check only one box below:

- 1. The Contractor certifies and represents that it will comply during the entire term of the Contract with the conditions of the Ordinance 2013-03, Section 23-3, Domestic Partner Benefits Requirement of the City of Hallandale Beach, or
- 2. The Firm does not need to comply with the conditions of Ordinance 2013-03, Section 23-3, Domestic Partner Benefits Requirement of the City of Hallandale Beach, because of allowable exemption: **(Check only one box below):**
 - The Firm's price for the contract term awarded is \$50,000 or less.
 - The Firm employs less than five (5) employees.
 - The Firm does not provide benefits to employees' spouses nor spouse's dependents.
 - The Firm is a religious organization, association, society, or non-profit charitable or educational institution or organization operated, supervised or controlled by or in conjunction with a religious organization, association or society.
 - The Firm is a government entity.
 - The contract is for the sale or lease of property.



- The covered contract is necessary to respond to an emergency.
- The provision of Ordinance 2013-03, Section 23-3 Definition, of the City of Hallandale Beach, would violate grant requirements, the laws, rules or regulations of federal or state law.

I, Christopher Kuzler, Managing Principal
Name of authorized Officer per Sunbiz Title

of King Engineering Associates, Inc.
Name of Firm as it appears on Sunbiz

hereby attest that I have the authority to sign this notarized certification and certify that the above referenced information is true, complete and correct.

[Signature] Christopher Kuzler, PE
Signature Print Name

STATE OF Florida

COUNTY OF Hillsborough

SWORN TO AND SUBSCRIBED BEFORE ME THIS 17th DAY OF
May, 2018 BY Christopher F. Kuzler

TO ME PERSONALLY KNOWN OR PRODUCED IDENTIFICATION:

(type of ID)
[Signature]
Signature of Notary
Paula R. Eldon
Print Name of Notary Public

9-17-18
Commission expires





CONFLICT OF INTEREST NOTIFICATION REQUIREMENT QUESTIONNAIRE

If you are an employee, board member, elected official(s) or an immediate family member of any such person, please indicate the relationship below. Pursuant to the City of Hallandale Beach Standards of ethics any potential conflict of interest must be disclosed and if requested, obtain a conflict of interest opinion or waiver from the Board of Directors prior to entering into a contract with the City.

1. Name of Firm submitting a response to this RFP.

King Engineering Associates, Inc.

2. Describe each affiliation or business relationship with an employee, board member, elected official(s) or an immediate family member of any such person of the City of Hallandale Beach or Hallandale Beach Community Redevelopment Agency, if none so state.

None

3. Name of City of Hallandale Beach or Hallandale Beach Community Redevelopment Agency employee, board member, elected official(s) or immediate family member with whom filer/respondent/Firm has affiliation or business relationship, if none so state.

None

4. Describe any other affiliation or business relationship that might cause a conflict of interest, if none so state.

None

CONFLICT OF INTEREST NOTIFICATION REQUIREMENT QUESTIONNAIRE

5.

Signature of person/Firm

5/17/18

Date



DRUG-FREE WORKPLACE FORM

The undersigned vendor in accordance with Florida Statute 287.087

Hereby certified that King Engineering Associates, Inc. does:
(Name of Business)

1. Publish 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. Inform 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. Give 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), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of or plea of guilty or nolo contendere to, any violation of Chapter 1893 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. Impose a sanction on, or require 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. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As a person authorized to sign the statement, I certify that this Firm complies fully with the above requirements.

DATE:	5/17/18	BIDDER'S SIGNATURE:	
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ANTI-KICKBACK AFFIDAVIT

STATE OF Florida)
COUNTY OF Hillsborough)) SS:

I, the undersigned hereby duly sworn, depose and say that no portion of the sum herein bid will be paid to any employees of the City of Hallandale Beach and its elected officials, as a commission, kickback, reward or gift, directly or indirectly by me or any member of my Firm or by an officer of the corporation.

By: [Signature]
Signature of Authorized Officer per Sunbiz

Christopher Kuzler, PE
Print Name of Authorized Officer per Sunbiz

Managing Principal
Title of Authorized Officer per Sunbiz

Sworn and subscribed before me this 14th day of May, 2018.

NOTARY PUBLIC - Paula R Eldon

State of Florida at Large



My Commission Expires: 9.17.18



TRUTH IN NEGOTIATION CERTIFICATION

Pursuant to Section 287.055(5)(a), Florida Statutes, for any lump-sum or cost-plus-a-fixed fee professional services contract over the threshold amount provided in Section 287.017, Florida Statutes for CATEGORY FOUR, the City requires the Consultant to execute this certificate and include it with the submittal of the Technical Proposal, or as prescribed in the contract advertisement.

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for the project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the City determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the City, whichever is later.

King Engineering Associates, Inc.

Print Firm's Name

A handwritten signature in blue ink, appearing to read 'CKuzler', is written over a horizontal line.

Authorized Officer of the Firm listed on Sunbiz' Signature

Christopher Kuzler, PE

Print Name of Authorized Officer of the Firm Executing Above

A handwritten date '5/17/18' in blue ink is written over a horizontal line.

Date



Hallandale Beach
PROGRESS. INNOVATION. OPPORTUNITY.

ADDENDUM # 1
RFP # FY 2017-2018-010
CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION SERVICES
FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) GRANT
SOUTHWEST (SW) DRAINAGE PROJECT

Please ensure you check the City's website for the latest addendum released for this project. Below find the link to the City's website: www.cohb.org\solicitations.

Firm must provide this form signed by an authorized officer of your Firm to acknowledge receipt of ADDENDUM # 1 and provide with your Firm's response.

PLEASE NOTE: MINIMUM QUALIFICATION REQUIREMENT #3 – REVISED AS OF 5/10/2018

CHANGE FROM:

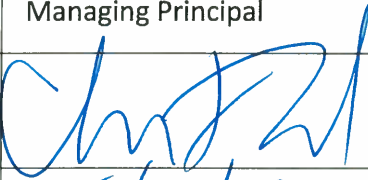
Proposer must provide five (5) years of experience showing having performed the same scope of work as outlined in this RFP. Previous experience can be from one (1) or multiple contracts. The proposing Firm must show and have FEMA Drainage Experience. This information must be detailed and provided in the charts below.

CHANGE TO:

Proposer must provide five (5) years of experience showing having performed the same scope of work as outlined in this RFP. Previous experience can be from one (1) or multiple contracts. Proposer must have past experience working on a FEMA funded drainage construction project of similar scope of work and must be able to demonstrate experience with FEMA regulations, documentation and reporting requirements. This information must be detailed and provided in the charts below.

PLEASE NOTE RECEIPT OF ADDENDUM # 1 BY SIGNING BELOW AND INCLUDE WITH YOUR FIRM'S SUBMISSION.

I ACKNOWLEDGE RECEIPT OF ADDENDUM # 1:

Company	King Engineering Associates, Inc.
Name	Christopher Kuzler, PE
Title	Managing Principal
Signature	
Date	5/17/18

Sincerely,



Andrea Lues, Director, Procurement Department



Hallandale Beach
PROGRESS. INNOVATION. OPPORTUNITY.

ADDENDUM # 2
RFP # FY 2017-2018-010
CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION SERVICES
FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) GRANT
SOUTHWEST (SW) DRAINAGE PROJECT

Please ensure you check the City's website for the latest addendum released for this project. Below find the link to the City's website: www.cohb.org/solicitations.

Firm must provide this form signed by an authorized officer of your Firm to acknowledge receipt of ADDENDUM # 2 and provide with your firm's response.

PLEASE NOTE:

Question #1:

What's the engineer's estimate for this project? Please advise.

Answer #1: The construction component of this project has been awarded for a not to exceed amount of \$13,018,500.

Question #2:

where I can find a copy of the project plans to review.

Answer #2: The project plans for BID # FY 2017-2018-006 are available on the City's website at www.cohb.org/solicitations and on DemandStar.

Question #3:

Do you have the required forms available in Word format?

Answer #3: No.

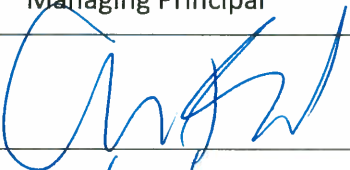
Question #4:

On Page 7 of the RFP states that a minimum qualification requirement is that the firm “ must show and have FEMA Drainage Experience”. FEMA Drainage is a typical design standard used for low lying areas such as South Florida and is standard for FDOT drainage designs. Can the City please elaborate on the definition of this requirement and / or provide specific criteria to meet this minimum requirement?

Answer #4: Please see Addendum #1.

PLEASE NOTE RECEIPT OF ADDENDUM # 2 BY SIGNING BELOW AND INCLUDE WITH YOUR FIRM'S SUBMISSION.

I ACKNOWLEDGE RECEIPT OF ADDENDUM # 2:

Company	King Engineering Associates, Inc.
Name	Christopher Kuzler, PE
Title	Managing Principal
Signature	
Date	5/17/18

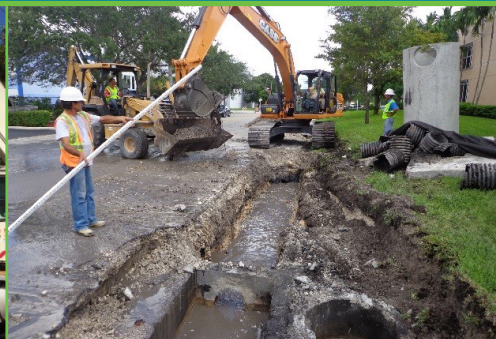
Sincerely,



Andrea Lues, Director, Procurement Department



QUALIFICATIONS



Section 7

Qualifications and Experience



Experience with FEMA Drainage Projects

In 2017, King joined with Ardurra Group, expanding our in-house services to include a wide range of disaster management capabilities. Our FEMA Subject Matter Experts bring decades of experience managing FEMA-funded infrastructure improvements throughout 12 states. Managing these types of projects demand in-depth understanding and experience on how to properly document and execute project efforts to ensure complete reimbursement and eliminate any de-obligated costs.

King has provided engineering and construction management services throughout Florida since 1977 with an expertise in civil works projects – specifically drainage, flood control, sewer, water and wastewater for public agencies. Our knowledge in the design of detention and retention structures, flood proof structures, storm water pumping facilities, water diversion structures, and other structures supports a higher quality construction effort.

King provides comprehensive construction management consulting services with professionals who possess the engineering and construction experience to provide real-world, cost-effective solutions to the everyday challenges that owners, contractors, engineers, and architects face throughout the construction process. From the initial concept to project closeout, we assist in facilitating and coordinating the construction process to mitigate complex problems.

The tables on the following pages provide an overview of our relevant experience in the critical categories. These tables are followed by more comprehensive descriptions for select projects.

- \$8+ Billion** Recovery Programs
- 40+** Years in Business
- 24** Federally Declared Disasters
- 12 STATES** (TX, NY, LA, NJ, SC, MS, FL, VA, CO, IL, IA, NC)
- FEMA, HUD, CDBG, USDA, EPA, USACE
- 0** Deobligated Costs
- Short Term & Long Term HOUSING
- ONE GOAL** Total Client Satisfaction
- 100%** Level of Dedication & Commitment



FEMA / DISASTER RECOVERY EXPERIENCE

PROJECT	SCOPE
St. Johns County Florida Hurricane Matthew Long-Term Recovery Program	FEMA and CDBG recovery program, providing program management, construction management, and federal and state and local grant administration for damaged infrastructure
Gulf Coast Waste Disposal Authority, Hurricane Harvey FEMA Damage Assessment and Recovery Program, TX	Damage report and engineering advisory services, FEMA PW development, expedited Category B PWs and feedback on Category Be repairs, validation of force account equipment labor and materials, and hazard mitigation
Superstorm Sandy Long-Term Recovery for Nassau County, NY	Program includes six funding sources including FEMA and CDBG; providing program management, construction management, and federal, state and local grant administration for damaged public infrastructure
Hurricane Katrina and Rita Recovery Program FEMA Closeout Services for St. Bernard Parish	FEMA disaster recovery closeout program; provided closeout services for \$600M in FEMA infrastructure; included 320 Category C-G PWs requiring closeout processing and submittal to State; reconciliation of construction projects for accuracy; compilation of data according to State's 20 step regulations and communications with State on daily basis to complete closeout
USACE Southeast Louisiana Urban Flood Control Program for New Orleans Sewerage and Water Board	Federally-funded program to reduce flooding in Jefferson Parish and New Orleans from a 10-year rainfall; serving as program manager for \$1B in construction; includes 66 construction projects as well as extensive outreach and public meetings by Ardurra and the client
City of League City Harvey FEMA Disaster Recovery	Damage assessments, engineering advisory, validating force account equipment labor and materials, PW development, grant application/management, administration and compliance, design and construction oversight, hazard mitigation and close-out
FEMA Emergency Recovery and Long-Term Recovery Program for East Richland County Public Services District, SC	Flood recovery program; program management, construction management, grant administration, and engineering advisory services; damage including road washouts, extensive sewage collection system damage, dam breaches and debris, and electrical damage to the Gills Creek wastewater treatment plant and Quail Lane pump station; work includes preliminary damage assessments; oversight of temporary emergency repairs to roadway, dams, water, and wastewater facilities; PW development for FEMA Categories A, D, & F; procurement support to include RFP and RFQ development for professional design services and construction and assistance with hazard mitigation development.
Emergency and Long-Term Recovery Services, Livingston Parish Sheriff's Office, LA	\$13 million flood recovery program; providing program management, construction management, grant administration, and engineering advisory services; work includes damage assessments and documentation of permanent facilities, documenting damages to 911 center, vehicles, shooting ranges, stored ammunition, and stored document areas; arranged for emergency procurement, design, and construction management services to establish a temporary housing site for up to 50 sheriff staff and their families; assisted with mobile home procurement and design for roadway, water, sewer, and electrical site improvements for this housing location to be accomplished within a 28 day window.
Emergency and Long-Term Recovery Program, East Baton Rouge Sheriff's Office	\$12 million flood recovery program; providing program management, construction management, grant administration, and engineering advisory services; documenting and gaining approval for replacement of sheriff vehicles and equipment critical to their job function and assisted with documentation of force account services and emergency activities performed immediately after the event
Houston-Galveston Area Council Harvey Temporary Housing	Inspection services and feasibility services to determine space for placement of MHU/RV units in compliance with installation and basic setup on applicant property or other sites
Houston Direct Assistance for Limited Home Repair (DALHR) Program	Providing damage assessments, estimating and construction management for single family homes supporting repairs to homes with moderate damage so applicants who lack available resources and live in their homes again
South Carolina Housing Recovery Program	Providing program management services for full spectrum housing recovery program with an accelerated timeframe for 1,500+ families/homes

FEMA / DISASTER RECOVERY EXPERIENCE

PROJECT	SCOPE
New York Build It Back Housing Recovery Program	Providing architectural and engineering design services to homeowners on Staten Island; assigned 80 homes in elevation and reconstruction pathways
State of Louisiana HMGP and Home Elevation Program	Provided grant management and construction observation services to the Louisiana Office of Community Development – Disaster Recovery Unit to assist in monitoring grant recipients receiving funds for home elevation (up to 18”) and construction activities through the HMGP Program
Home Elevation Program, Cameron Parish, LA	This project consists of providing consulting services to assist Cameron Parish Police Jury with its Federal Hazard Mitigation Assistance Program (HMA) for 36 residential home elevations, storm-proofing of public buildings, wind-retrofitting of public buildings, and the mitigation of Big Burns Spillway Pump Station.
New York Rising CDBG-DR Housing Program	Provided Social Services Block Grant pilot program to provide architecture, engineering, field investigation and permitting services to homeowners classified as vulnerable populations – such as very low income, elderly, disabled and limited English proficiency
CDBG-DR Advisory Services, State of Colorado Department of Labor Affairs	CDBG-DR program; provided CDBG-DR advisory services for statewide recovery program including housing, infrastructure, planning, economic development, and agriculture
Needs Assessment and CDBG-DR Advisory, City of Longmont, CO	\$70 million CDBG-DR program; provided assistance to residents re: homeownership assistance, housing rehabilitation and reconstruction, housing buyouts, mobile home park buyouts, and infrastructure programs; provided CDBG-DR advisory services as well as oversight and implementation services for program; developed unmet needs assessment for Longmont and Boulder County

DRAINAGE / CONSTRUCTION MANAGEMENT EXPERIENCE

PROJECT	SCOPE
CEI Services for Stormwater Improvements, Doral, FL	Construction administration and field observation and oversight services for the installation of 187 LF of French Drain and associated stormwater infrastructure at the corner of NW 84th Avenue and 29th Street
Construction Management for C-44 Stormwater Treatment Area, South Florida Water Management District	CM of C-44 System Discharge and the C-44 Stormwater Treatment Area; C-44 System Discharge consists of a 120 foot long concrete fixed-crest weir spillway (S-404) with an integral gated low level discharge structure, a 1,500 foot long canal (C-402) and a new District field office including all associated roads, swales, drains, instrumentation and utilities; C-44 STA contract includes six STA cells with 6,300 acres of constructed wetlands, 30 miles each of canals and embankments, and over 50 water control structures and associated infrastructure
Construction Administration, Idlewild/The Mall, Woodlawn Stormwater Improvements & Woodland Terrace Floodplain Storage, Clearwater, FL	Construction administration and field representation for storm sewer improvements that included the upgrade of the existing storm sewer piping to 24" and 42" Reinforced Concrete Pipe (RCP), installation of forty (40) precast concrete storm manholes and inlets, construction of a floodplain storage pond, and other miscellaneous grading and draining improvements
South Florida Water Management District S-124 Control Structure Replacement, Davie, FL	Hydraulic, civil design and construction management for the replacement of the S-124 Control Structure on the L-35A Canal for the South Florida Water Management District (SFWMD) with an estimated construction cost of \$3.9M. The replacement structure consisted of a triple 8' x 6' concrete box culvert with remotely operated slide gates, a design capacity of 550 cfs, hardened control room, and back-up power supply. Civil design plans and specifications included site plan, grading, drainage, levee access ramp, construction sequencing plan, vehicle barrier gate, floating trash barrier, security fence, warning signs, demolition and erosion/scour control plan, and canal stabilization treatments.

DRAINAGE / CONSTRUCTION MANAGEMENT EXPERIENCE

PROJECT	SCOPE
Construction Inspection and Material Testing Services for S-39A Culvert Replacement and Automation Project, Parkland, FL	Construction inspection and materials testing services for construction of S-39A culvert replacement and automation project; structure consists of two bi-directional cast-in-place concrete culverts with automated and remotely operated lift gates for storm water flow control and regulation at the junction of the Hillsboro and L-36 canals; includes construction of the concrete box culverts, installation of two 10-ft x 8-ft slide gates, a precast control building with power generator, canal cross section modifications, canal stabilization with placement of 600 linear feet of rip rap on canal embankments, stilling wells, construction of a bypass crossing with three 84-inch metal pipes, construction of steel sheet pile walls, and demolition of existing structure
Construction Management Services for New Big Cypress Basin Field Station and Maintenance Facility, Naples, FL	Construction management and inspections services for the progressive design-build construction of the new "Big Cypress Basin Field Station and Maintenance Facility"; facility included administrative building with hardened emergency operations control room, maintenance/service/storage open bay area, chemical storage building, vehicle wash pad, vehicle fuel island (two 10,000 gal tanks), boat/equipment storage facility, emergency generator, fuel storage area, paved storage area/parking/driveways, boat ramp, and various site improvements (potable water, wastewater collection systems, stormwater management system, landscaping & irrigation, walkways, outdoor lighting, parking, security, and lighting protection
Miami Dade Water and Sewer Department's Pump Station Improvement Program	Provided surveying, geotechnical, final engineering report, design (civil, hydraulic, structural, mechanical, electrical), cost estimating, scheduling, permitting, and construction support services, for the fast-track implementation of various sewer pump station rehabilitation and force main expansion projects.
River Tower Stormwater Quality Restoration Project, SWFWMD	Full design, permitting, and construction management services for the District - SWIM sponsored River Tower Restoration and Stormwater project. The project is receiving cooperative funding from the FDOT. The project involves a stormwater retrofit component to construct a 2-acre stormwater treatment pond on a City of Tampa site to provide water quality benefits to an over 700 acre watershed of the Hillsborough River along I-275 in Tampa, Florida. The project will divert flows from a 72" stormwater trunk line under an existing FDOT overpass into the proposed pond site with a new outfall into the existing Hillsborough River. The weir structure for the pond had to be designed around existing wastewater utilities crossing the site. Additionally, the project involves habitat restoration along 1,200 feet of river shoreline.
Arch Creek North/Arch Creek South Drainage Improvements, North Miami, FL	Design, permitting, and grant assistance to improve flood control levels of service throughout a 377-acre area. Services included utility coordination and as-built compilation, GIS analysis using LiDAR Project Survey Data, topographic survey, geotechnical investigation, basin delineation, drainage and water quality calculations, layout and design of new stormwater infrastructure, SWPPP, MOT plan, quantity takeoffs, capital cost estimates, TMDL load calculations using EPA – STEPL's Model and preparation and submittal of FDEP TMDL Water Quality Restoration Grant application, construction bidding support, and permitting. The recommended improvements included 13,000 LF of 18" French Drain, 197 catch basins, 71 manholes, 2,300 feet of 1.5-inch cross drains, roadway restoration, and full road ROW resurfacing.
Basin H-8 Construction Management and Inspection, Doral, FL	Construction management and inspection of the Basin H-8 drainage improvements. Responsibilities included response to RFIs, shop drawing review, change order review, full time inspection for conformance with contract documents, preparation of daily reports, photographic records, preparation of agenda and meeting attendance, tracking schedule, progress and installed quantities, review and approval of pay requisitions, and review of as-built drawings and compaction tests
Basin H-5 Construction Management and Inspection, Doral, FL	Construction management and inspection of the Basin H-5 drainage improvements. Responsibilities included response to RFIs, shop drawing review, change order review, full time inspection for conformance with contract documents, preparation of daily reports, photographic records, preparation of agenda and meeting attendance, tracking schedule, progress and installed quantities, review and approval of pay requisitions, and review of as-built drawings and compaction tests

DRAINAGE / CONSTRUCTION MANAGEMENT EXPERIENCE

PROJECT	SCOPE
Water Main Evaluation and Enhancement Phase I, Miami-Dade County, FL	Development and implementation of their Small Diameter Water Mains Evaluation and Enhancements Project. The objective of the project was to (1) improve service to the customer, (2) reduce MDWASD maintenance and operating costs, and (3) reduce water losses to conserve our valuable fresh water resources while supporting the future growth of the community. Phase 1 tasks: GIS inventory of small water mains; replacement cost estimate; bidding contract documents for 150 priority water service conversions; construction management services; public outreach.
Water Main Evaluation and Enhancement Phase II, Miami-Dade, FL	Continue the development and implementation of MDWASD's Small Diameter Water Mains Evaluation and Enhancements Project. The objective of the project was to (1) improve service to the customer, (2) reduce MDWASD maintenance and operating costs, and (3) reduce water losses to conserve our valuable fresh water resources while supporting the future growth of the community. Phase 2 tasks: Desktop Condition Assessment; prepare bidding contract documents for 161 priority water service conversions; construction management services; public outreach. The desktop condition assessment of MDWASD's entire water distribution system used GIS analysis and ranked all street blocks based on the forecasted pipe breaks and leaks over a 5-year period. 161 high priority properties were converted from rear to front water service and ~2.67 miles of rear mains were decommissioned
Myakka and Ed Chance Wetland Restoration, SWFWMD	Design and implementation of wetland and hydrological restoration of impacted (drained) wetlands on the Myakka State Forest Preserve. The project consisted of the design/construction of a geoweb ditch block structure within a large drainage ditch to raise SHW elevations back to pre-drained conditions and divert surficial flows back to the Oyster Creek Headwaters System. To facilitate restoration of historic hydroperiods in over 150 acres of Oyster Creek Headwaters and maintain pre-post offsite flows to the receiving waters, a 250-foot long geoweb, weir structure will be constructed at the system's outfall with the Newgate Waterway. Professional included refinement of the initial project feasibility study, predictive surface water modeling (ICPR) to determine on-site and off-site, engineering and ecological analysis/design, permitting, preparation of construction plans and specifications; bidding and construction observation.
Terra Ceia Ecosystem Water Quality Restoration, SWFWMD	Design, permitting and construction administration for a restoration project within the Terra Ceia Aquatic and Buffer Preserve. The 1,600 acre property is jointly owned by the District and the Florida Department of Environmental Protection (FDEP). The project provides approximately 200 acres of estuarine habitat restoration and 400 acres of upland habitat restoration and represent one of the largest restoration projects undertaken by the District. Permits were obtained from the U.S. Army Corps of Engineers and the FDEP.
Recycled Stormwater Irrigation System, Doral, FL	Modeling, design, permitting (ERP and CUP), construction support services, and O&M manual development for the fast-track implementation of a \$2.9M recycled storm water irrigation system for the 80-acre park.
Highland Avenue Preliminary Design and Stormwater Retrofit, Largo, FL	Construction administration for stormwater enhancement and retrofit including expanding an existing pond to treat stormwater runoff from a mainly untreated residential/commercial intensive land uses; design of a low flow diversion pipe system to implement several LID design concepts to improve water quality within the contributing watershed, including the use of bioswale treatment systems within the Highland Avenue right of way
Drainage Capital Improvement Program, Southeast Louisiana (SELA) Program, Jefferson Parish, LA	Several large rainfall events from 1970's through early 1990's caused over \$1B in damages resulting in the Federal government authorizing and funding the SELA program – the first federally funded urban drainage program; King has served as program manager since its inception in 1994 including developing and implementing the program
Drainage Improvements to Bonnabel Canal, Jefferson Parish, LA	Canal improvements including dredging, widening, bank stabilization to improve drainage through Bonnabel Canal in Jefferson Parish
Hoey's Basin Pump to the River, Jefferson Parish, LA	Diversion of 1400 to 1600cfs from the Hoey's Canal near Iris Ave to make up for the deficit reduction (9,480-7,800cfs) at Drainage Pump Station No. 6; construction of pump station and 5,500 linear feet of triple 84" steel discharge pipes to discharge into the Mississippi River to benefit both Jefferson Parish and Orleans Parish by relieving flooding in Hoey's Basin and reducing inflow to Drainage Pump Station No. 6

DRAINAGE / CONSTRUCTION MANAGEMENT EXPERIENCE

PROJECT	SCOPE
USACE Fronting Protection Bonnabel and Suburban Pump Stations, New Orleans, LA	Fronting protection across entire width of discharge areas of Bonnabel and Suburban Pump Stations; consists of combination of gate monoliths and T-wall monoliths, including positive cutoff gates to include sluice gates and butterfly valves; Tie-in floodwalls connect new fronting protection to existing levee sections on each side of pump stations; floodwalls utilized new guidelines established post Hurricane Katrina
USACE Temporary Closure Structures and Pump Stations, Orleans and London Outfall Canals, New Orleans, LA	Construction inspection and supervisions of temporary sluice gated structures and pumping capacity at the Orleans and London outfall canals in Orleans Parish to protect against backflow from hurricane surges from Lake Pontchartrain and from rainfall drainage flooding in New Orleans when gates were temporarily closed to protect the City
St. Charles East Bank Drainage, Destrehan, LA	Construction Management of drainage improvements such as pump station additions and upgrades, jack and bores, etc. to improve conditions for the 10, 50, and 100 year storms; also provided data for FEMA Hazard Mitigation Grant Program for project funding
Fisher School Basin Flood Protection, Lafitte, LA	Construction administration for floodgates, floodwalls, and levees to provide flood protection for the Fisher School Basin; consists of approximately 15,500 linear feet of flood protection features; structural features included pile founded T-walls, cantilever pile l-walls, swing gates, bottom roller gates, pedestrian gates and bulkheads
Pump Stations S-7 and S-8 South Florida Water Management District, West Palm Beach, FL	Modification and modernization of existing horizontal pumps at Pump Stations S-7 and S-8; three 144" horizontal flow pumps at S-7 and four 152" horizontal flow pumps at S-8; refurbishment included restoring the impellers and impeller housing to their original dimensions and rebalancing the impellers; modernization included replacement of the bushing style bearings with new roller bearings both inside and outside the pump; required creation of a watertight chamber inside the pump to protect the new bearing; piping for bearings was piped to the exterior of the pump; two-piece pump shaft replaced with a new single-piece
Everglade Pumping Stations G-370 and G-372	Stormwater Treatment Area Nos. 3 and 4, Pumping Stations G-370 and G-372 with total capacity of 6,650 cfs; provided inflow for Stormwater Treatment Area 3/4 (17,000 acres); addition of six (6) seepage pumps (75 cfs each)
Pumping Stations S-127, Operations Control Building, Palm Beach, FL	Post-design construction engineering service for an upgrade of facilities at Pump Station S-127 (a five (5) bay station with a total capacity of 625 cfs); project consisted of the construction of an Operations Control Facility, automated trash rake system, upgrade and automation of gate structure, and repaving of existing paved areas at the existing S-127 Pump Station site
Cousins Pump Station, Jefferson Parish, LA	Resident inspection services for 2,200 cfs expansion of existing Cousins Pump Station; existing station with capacity of 1,000 cfs was part of Parish's interior drainage system; new addition designed to provide two (2) additional horizontal pumps, each with a nominal capacity of 1,100 cfs
Lake Okeechobee Forward Pumps, Palm Beach County, FL	Construction phase services for hydraulic dredging of 1500 LF of the L-48 canal to increase conveyance capacity to pump station 127; project dredged the 60' wide canal an additional 4' in depth; total of 14,000 cubic yards of material was dredged into a perimeter diked area for sedimentation and for future beneficial use
Elmwood Canal Bridges, Jefferson Parish, LA	Construction services for demolition of the two existing bridges, channel excavation and paving in the Elmwood Canal and Canal No. 2, temporary detouring of traffic, new bridges, culverts and roadway paving; replacement bridges contain two 12-foot vehicular lanes with four-foot shoulders and four-foot pedestrian sidewalks with curbs
Elmwood Pump Station Modifications, Jefferson Parish, LA	Construction services for lowering existing four 72-inch diameter and four 96-inch diameter steel discharge pipes approximately 5.5 feet to reduce head losses in the existing system at the existing Elmwood Pump Station located on Lake Pontchartrain; part of the Parish's \$52 million Drainage Capital Improvement Program

St. Johns County Hurricane Matthew and Irma Disaster Recovery Program Management

King is serving as program manager for this recovery program. Hurricane Matthew, a Category 3, caused surge heights of more than seven feet in several coastal areas of the county. Major impacts included storm damage to roads, bridges, drainage infrastructure, fire stations and other permanent infrastructure. Impacts to existing beaches and associated debris generation were a substantial portion of the impacts to the County. King's responsibilities include FEMA Public Assistance Advisory Services; debris removal recommendations and oversight; review and management of all eligible Cat A and B activities; and review and management of all needed permanent repairs for Cat C through G. As it relates to debris, King is responsible for oversight to ensure eligibility, assist with PW preparation and reimbursement and in general provide QA/QC of the activities performed. To date, King's contract has been expanded under two consecutive contract amendments.

Recommendations have included:

- Updating the Debris Management Plan to reduce the County's match for debris removal by 2%
- Recycling sand collected as debris to obtain additional financial credit
- Obtaining approval to collect contiguous debris on private property (Debris that extends from public property onto private property can be approved for collection by FEMA) benefiting local residents
- Obtaining Right of Entries to address debris on private property, once again benefiting local residents.



St. Bernard Parish - FEMA Grant Management and Closeout Services

In the aftermath of Hurricane Katrina in 2005, St. Bernard Parish started a recovery department to deal with the recovery. King staff were selected to manage \$1.5B in FEMA funds including engineering assessments, FEMA liaison, financial management and close-out specialist. They directed 30 different skilled positions to manage 100+ infrastructure projects ranging from \$1,000 to \$100M.

King's key proposed staff worked hand in hand with local government to assist in rebuilding a substantial portion of the parish's infrastructure. Originally FEMA had obligated \$300M to rebuild and replace the damaged infrastructure.

Hospital. The Chalmette Medical Center & Hospital (a private entity) was the Parish's only hospital and was destroyed by Katrina. In addition, the adjacent New Orleans East hospital was private and also destroyed. Both private entities decided NOT to return and rebuild. King staff worked effortlessly alongside local, state and federal government to source funds for a new \$69M, 110,000 SF, 40-bed, three story hospital. Funds were a combination of FEMA, CDBG & State — \$41 of the \$69M were CDBG funds.

Wastewater Facilities - Munster Wastewater Treatment Plant (WWTP) Consolidation. King staff played a major role in consolidating the Parish's four damaged WWTPs into one facility at the Munster WWTP. Extensive engineering justifications for hazard mitigation, code and standard upgrades and proper cost estimating were provided to expand FEMA funding for the Munster WWTP Consolidation from \$11M to \$23M. In addition, King team members assisted the Parish to obtain

\$3M in CDBG funds, \$1M in Economic Development Agency funds to supplement bonds to make this project a reality.

Closeout. King implemented the FEMA disaster recovery close out process for \$600M in FEMA projects. The close out process was developed according to the State of Louisiana GOHSEP & FEMA regulations for disaster grants management of Federal grant funds for hurricanes Katrina & Rita. When King was selected by the Parish to perform these tasks, the Parish had 320 Category C-G Project Worksheets (PW) requiring close out processing and submittal to GOHSEP. King has since submitted 138 PWs for close out. Of those submitted, 109 have been closed and 29 are going through the GOHSEP process.



Gulf Coast Water Authority (GCWA) Damage Assessment and Recovery Program Management, TX

Immediately following Hurricane Harvey, King was selected to furnish emergency damage assessment of GCWA facilities including large pump stations, transmission canals, reservoirs and water treatment plants. King assisted to developed plans to perform assessments in locations with limited access. King's scope of work included a summary of damages report; engineering advisory services; FEMA Project Worksheet development; development of expedited Category B Project Worksheet; feedback on Category B repairs including Cottonwood Dam reconstruction; validation of force account equipment labor and materials; and hazard mitigation. Critical activities included detailed assessments of the May and Shannon Intake Pumping Plants, Mustang Reservoir and Thomas Mackey Water Treatment Plant. With a combined capacity in excess of 100 MGD, these facilities are critical to GCWA's function. Ardurra detailed damages and repairs that would be required for the intake structure, upstream and downstream wingwalls, upstream and downstream embankments and other features of the Shannon and

May Pumping Stations. The 50 MGD Mackey Water Treatment Plant required emergency electrical repairs to assure continued water supply to GCWA customers. Ardurra assisted with the documentation of these repairs and assessment of permanent repairs required.

Subsequently, King prepared comprehensive assessments and a detailed scope of work for permanent repairs and hazard mitigation at the May and Shannon Pumping Stations as well as all facilities impacted by Hurricane Harvey. Currently repairs are estimated at \$15M.



Idlewild/"The Mall" Sanitary Sewer System & Stormwater Improvements, Clearwater, FL

The City of Clearwater currently had over 3,500 lots that were served by individual septic systems. As a first step to starting a program to eliminate these septic systems and to providing sanitary sewer service city-wide, the City hired King to develop a city-wide Septic System Removal/Sanitary Sewer System Expansion Feasibility Report that developed conceptual design, construction cost estimates and funding alternatives for providing sewer service to those lots currently without sewer service. As part of this effort, King worked with the City's rate study consultant and evaluated the effects on customer rates and other options, such as issuing bonds, of the proposed program based on a City-defined 10 year program period.

The Idlewild/The Mall developments contained ± 450 septic systems and was the first area to be considered under the program. Various sanitary sewer systems were evaluated, which included a vacuum sewer system, a low pressure sewer system, a STEP sewer system and a conventional gravity sewer system to serve the area. Results were compiled into a Alternatives Analysis Report which also included a preliminary design, construction cost estimates, life cycle cost analysis and environmental impact assessment and was submitted to the EPA to serve as an Environmental Impact Document for the project's \$500,000 EPA grant. King assisted with grant applications meetings and negotiations with the EPA and the Alternatives Evaluation Report served as an Environmental Impact Document needed to qualify the project for a Categorical Exclusion. King and Team Member, Angie Brewer & Associates, LC, provided grant administration services for the project.

Subsequently, King provided final design, permitting and construction services for 20,000 LF of gravity sewer main and for the abandonment of 450+ septic systems. King provided public information assistance and coordination with property owners. The design also included storm sewer improvements that included the upgrade of $\pm 3,900$ LF of the existing storm sewer piping to 24" and 42" Reinforced Concrete Pipe (RCP), installation of forty (40) precast concrete storm manholes and inlets, construction of a floodplain storage pond, and other miscellaneous grading and draining improvements.

King's Ecological Staff performed wetland delineation, developed a water quality improvement alternatives analysis, obtained permits from the Southwest Florida Water Management District (SWFWMD) and U.S.

Army Corps of Engineers and assisted the City with obtaining the SWFWMD grant for the stormwater work.

At the completion of the project all of the affected roads were milled and re-paved. The project was a huge success and resulted in a complete upgrade of the utilities level of service in the area, providing sewer service, eliminating sewage spills and flooding, and ending with completely re-paved roads.



Construction Inspection and Material Testing Services for the S-39A Culvert Replacement and Automation Project, Parkland, FL

King provided construction inspection and materials testing services for the construction of the S-39A culvert replacement and automation project. The structure consists of two bi-directional cast-in-place concrete culverts with automated and remotely operated lift gates for storm water flow control and regulation at the junction of the Hillsboro and L-36 canals, in Parkland FL. The project is valued at \$4.5 million. It includes construction of the concrete box culverts, installation of two 10-ft x 8-ft slide gates, a precast control building with power generator, canal cross section modifications, canal stabilization with placement of 600 linear feet of rip rap on canal embankments, stilling wells, construction of a bypass crossing with three 84-inch metal pipes, construction of steel sheet pile walls, and demolition of existing structure.

Construction Management Services include:

- Supervision and inspection of work performed by the contractor for conformance with contract documents
- Coordination with King's subcontractor providing quality control material testing services
- Review of submittals
- Verification of work performed by contractor
- Review of pay applications and change orders
- Updating the District's web based Oracle Primavera Contract Management (Expedition)
- Progress meeting attendance
- Photographic documentation
- Preparation of daily inspection reports
- Review of as-built drawings
- Punch list
- Contract closeout



MDWASD’s Pump Station Improvement Program

The Miami Dade Water and Sewer Department as part of the Pump Station Improvement Program retained King Engineering and Associates, Inc. to provide, surveying, geotechnical, final engineering report, design (civil, hydraulic, structural, mechanical, electrical), cost estimating, scheduling, permitting, and limited construction support services, for the fast-track implementation of various sewer pump station rehabilitation and force main expansion projects.

In order to accelerate and expedite the design and permitting process King procured all applicable dry-run permits. The Miami Dade Department of Regulatory and Economic Resources permit was typically approved within a few of application submittal.

Construction Responsibilities included:

- Review of construction bids with justification
- Review of shop drawings for approval
- Response to RFIs
- Review of change order requests with recommendation
- Site visits on critical stages of construction
- Start up testing
- Final walk through
- Punch list
- Review of as-built drawings
- RER Certification of work

Table 1 - Design Services for the MDWASD Pump Station Improvement Program

Project	Description	Design Fee	Construction Cost	Completion Dates Start - End	
				Design & Permits	Construction
Pump Station 65	650 GPM	\$72,000	\$530K	10/14 - 2/15	6/15 - 12/15
Force Main 65 Phase 1	3,000 feet of 8, 12, and 16-inch DIP	\$74,457	\$668K	11/14 - 3/15	7/15 - 12/15
Pump Station 500	730 GPM	\$72,000	\$723K	10/14 - 4/15	8/15 - 12/15
Force Main 500	2,400 feet of 10- and 12-inch PVC	\$77,127	\$642K	11/14 - 3/15	8/15 - 12/15
Force Main 65 Phase 2	1,250 feet of 16- and 24-inch DIP	\$140,434	TBD	5/15 - TBD(1)	TBD
Pump Station 502	600 GPM	\$74,952	\$880K	1/15 - 6/15	2/16 - pres.
Pump Station 67	500 GPM	\$74,999	\$552K	4/15 - 10/15	TBD
Pump Station 26	2,200 GPM	\$103,902	TBD	7/15 - pres.	TBD
Force Main 394	5,000 feet of 10- and 12-inch DIP	\$255,511	TBD	8/15 - pres.	TBD
Pump Station 109	2,400 GPM	\$98,679	TBD	10/15 - pres.	TBD
Pump Station 836	300 GPM	\$82,701	TBD	12/15 - pres.	TBD

(1) Additional task authorization for field services approved 11/15; exploring open trench vs tunneling with FDOT



Basin H-5 and H-8 Drainage Improvements, Doral, FL

King provided design, permitting and CEI services for a flood prone underserved commercial area falling within two of the Basins, H-8 and H-5. The objective was to combine the existing drainage system in place with new stormwater infrastructure to provide a higher level of service. Services included data compilation, survey, geotechnical investigations, GIS analysis, identification of existing stormwater infrastructure using existing data (including Section – 22 survey data), utility conflict coordination, layout and design of new stormwater infrastructure, pavement restoration and striping, limits of milling and resurfacing, SWPPP, quantity takeoffs, and permitting through Miami-Dade RER.

Construction Management Responsibilities included:

- Review of construction bids
- Review of shop drawings
- Review of pay requests
- Full time field representation
- Document control of all contract produced reports and correspondence



- Daily reports
- Weekly reports
- Biweekly meetings
- Photo logs
- Verification of material testing
- Response to RFIs
- Review of field change requests
- Review of as-built drawings
- Project close out.

Basin H-5 Drainage Improvements

The recommended improvements included 11 additional catch basins, approximately 2,900 LF of 24" French Drain, and partial roadway resurfacing.

Basin H-8 Drainage Improvements

Design consisted of 4,300 feet of 24-inch exfiltration trench, 775 feet of cross drains, 15 catch basins, 28 manholes, 47 skimmers, pavement restoration, milling and resurfacing, sodding and pavement markings.

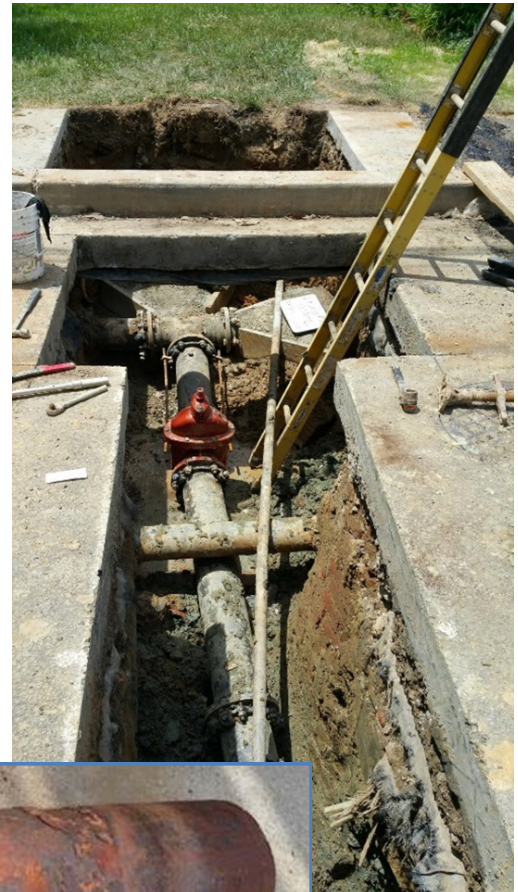
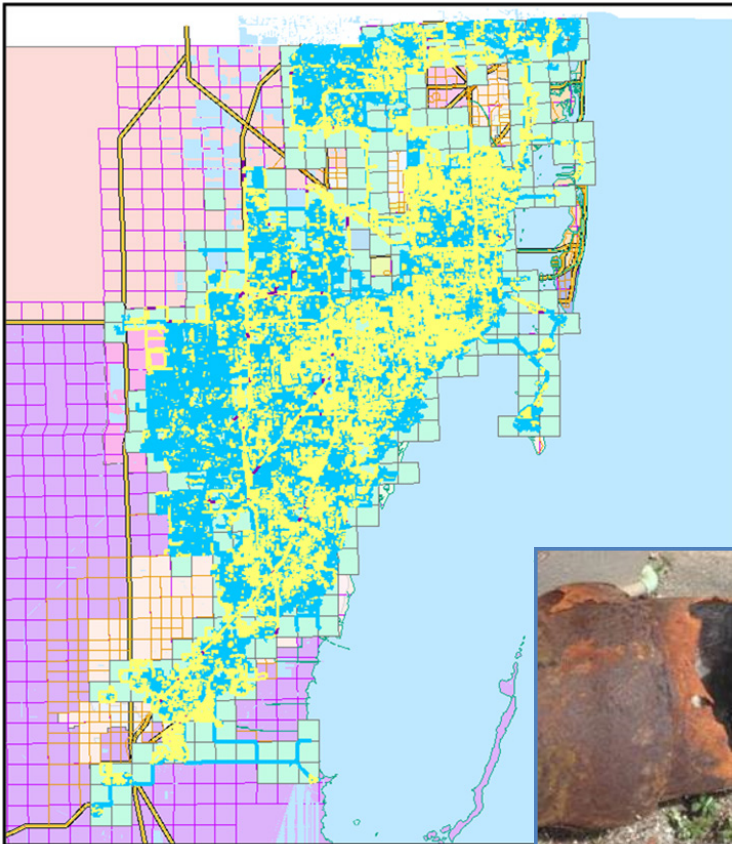


Small Water Main Evaluation and Enhancement Project Phase 2, Miami-Dade County, FL

King Engineering was retained to perform design and construction management services in the continued development and implementation of MDWASD's Small Diameter Water Mains Evaluation and Enhancements Project. The objective of the project was to (1) improve service to the customer, (2) reduce MDWASD maintenance and operating costs, and (3) reduce water losses to conserve our valuable fresh water resources while supporting the future growth of the community. Phase 2 tasks: Desktop Condition Assessment; prepare bidding contract documents for 161 priority water service conversions; construction management services; public outreach. The desktop condition assessment of MDWASD's entire water distribution system used GIS analysis and ranked all street blocks based on the forecasted pipe breaks and leaks over a 5-year period. 161 high priority properties were converted from rear to front water service and ~2.67 miles of rear mains were decommissioned.

Construction Management Responsibilities included:

- Review of construction bids
- Review of shop drawings
- Review of pay requests
- Full time field representation
- Document control of all contract produced reports and correspondence
- Daily reports
- Weekly reports
- Biweekly meetings
- Photo logs
- Verification of material testing
- Response to RFIs
- Review of field change requests
- Review of as-built drawings
- Project close out.



Pumping Station S-127, Operations Control Building (Upgrades), Palm Beach County, Florida

King provided design, preparation of plans and specifications and post-design construction engineering service for an upgrade of the facilities at Pump Station S-127. Pump Station S-127 is a five (5) bay station with a total capacity of 625 cfs. The project consisted of the construction of an Operations Control Facility, an automated trash rake system, the upgrade and automation of the gate structure, and repaving of the existing paved areas at the existing S-127 Pump Station site.

The design of the operations Control Facility includes ADA compliance and a 140' free standing communications tower with foundation, parking areas, potable water supply, electrical and standby power systems, HVAC, and septic system.

The design of the trash rake system included a service bridge, trash racks, trash rakes, wing walls and electrical power and controls.

Construction engineering services includes:

- Site visits
- Addressing Request for Information (RFI)
- Review of test data
- Review of shop drawings
- Review of submittals and other data to ensure compliance with the design



Organization, Size and Experience

King is a Florida corporation with approximately 300 people in 18 offices across 8 states throughout the Southeastern United States. Our experience includes a wide range of services including:

- Disaster Management (grant administration for FEMA and other funding sources)
- Drainage, Storm Water and Flood Control
- Water and Wastewater Treatment and Conveyance
- Land Development
- Planning
- Transportation
- Ecological Services
- Solid Waste
- Surveying
- GIS
- Landscape Architecture
- Water Resources Management
- Environmental

Clients

King's clients include both public and private entities throughout Florida and our other office locations. Our clients include:

- City of Alvin
- City of Austin
- City of Baton Rouge
- City of Bedford
- City of Bradenton
- City of Clearwater
- City of Corpus Christi
- City of Deer Park
- City of Detroit
- City of Doral
- City of Dunedin
- City of Galveston
- City of Hartford
- City of Hollywood
- City of Houston
- City of Humble
- City of Jacksonville
- City of Keller
- City of Kenner
- City of Lake Jackson
- City of Lakeland
- City of Laredo
- City of Largo
- City of League City
- City of Lindenhurst
- City of Louisville
- City of Macclenny
- City of Miami
- City of New Orleans Department of Public Works (NORA/DPW)
- City of New Orleans
- City of North Miami
- City of North Port
- City of Opa Locka
- City of Palmetto
- City of Pearland
- City of Pinellas Park
- City of Plant City
- City of Port Arthur
- City of Punta Gorda
- City of Safety Harbor
- City of San Marcos
- City of Sarasota
- City of Slidell, LA
- City of South Carolina
- City of Tampa, FL
- City of Tarpon Springs, FL
- City of Temple Terrace
- City of Thorton
- City of Venice
- Fort Bend County MUD 25
- Gulf Coast Water Authority
- Galveston County
- Hillsborough County
- Lee County
- Manatee County
- Miami Dade Water and Sewer
- Miami Dade County
- Nassau County
- New Orleans Sewerage and Water Board
- New York City Department of Environmental Protection
- North Harris County Regional Water Authority
- Northwest Florida Water Management District
- New York Governor's Office of Storm Recovery
- Pasco County
- Port Authority of New York and New Jersey
- Port of New Orleans
- San Jacinto River Authority
- South Florida Water Management District
- Southwest Florida Water Management District
- St. Bernard Parish
- St. Bernard Parish Sheriff's Office
- St. Charles Parish
- St. Johns County
- St. Tammany Parish
- Town of North Hempstead
- Town of Lauderdale By the Sea
- USACE
- Village of Port Vincent
- Village of Glen Creek

Specifically, some of our FEMA drainage clients include:

- St. Johns County, Florida
- Gulf Coast Water Authority, TX
- League City, TX
- St. Bernard Parish, LA
- Nassau County, NY
- Houston, TX
- Harris County, TX
- Pearland, TX
- New Orleans Sewerage and Water Board, LA
- Seagate, NY

Areas of Expertise / Unique Qualifications

The most notable aspect of King’s expertise in our combination of unparalleled capabilities centered around each critical aspect of this project — FEMA grant administration and management; drainage planning, design and construction management. These unique qualifications, combined with the leadership of local, expert, dedicated professionals sets our team apart from the other and ensures Hallandale Beach a successful project.

Number of Staff to be Assigned

King proposes to use a streamlined team of professionals with exceptional qualifications suited to their anticipated role. The organizational chart below shows

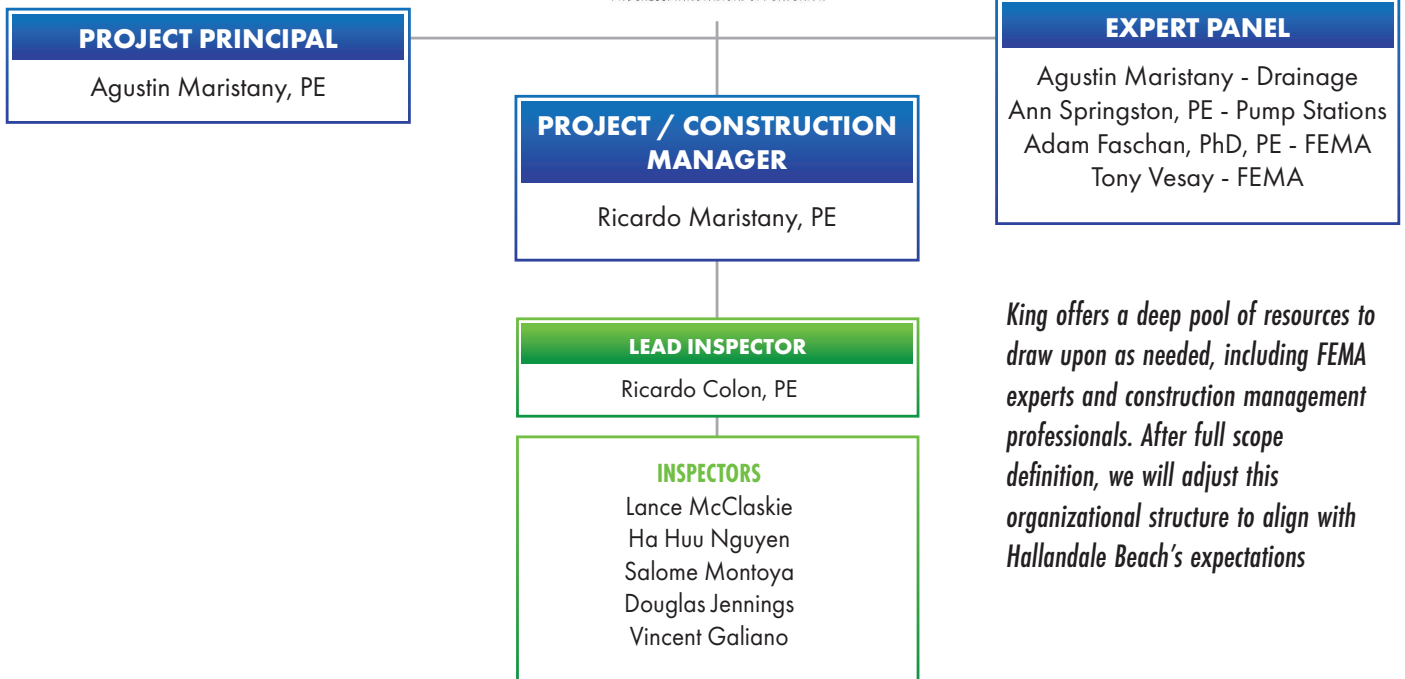
our structure. As noted, we may adjust this team as the scope is better defined. Additionally, King will obtain the services of a local, City-approved Small Business Enterprise (SBE) geotechnical engineering firm if needed to support any part of the assigned scope, as well as to fulfill the City’s small business goals.

Resumes

Biographies for our team members begin on the following page.

Subconsultants

As a full-service firm specializing in disaster recovery and engineering services, we bring the comprehensive resources necessary to support this project without the need to include any subconsultant team members.




King offers a deep pool of resources to draw upon as needed, including FEMA experts and construction management professionals. After full scope definition, we will adjust this organizational structure to align with Hallandale Beach’s expectations

TEAM MEMBERS

NAME, ROLE & CREDENTIALS	QUALIFICATIONS
<p>Ricardo Maristany, PE PROJECT/CONSTRUCTION MANAGER</p>  <p>Education Bachelors, Civil Engineering, 2008 University of Miami, Coral Gables, FL</p> <p>Professional Credentials Professional Engineer Florida No. 76068 OSHA 30-Hr. Construction Safety FDOT CTQP Asphalt Paving Level I & II FDOT CTQP Q/C Manager FDOT MOT Advanced Certified Diver</p> <p>Memberships American Society of Civil Engineers American Water Works Association Florida Engineering Society</p>	<p>Experience in the design and construction administration of federal, state, and municipal public works projects; infrastructure improvement projects include highways, bridges, canals, aviation facilities, sea ports, drinking water reservoirs, clearwells, water and wastewater treatment plants. Experience in various project delivery methods such as Design-Bid-Build, Design-Build, Contract Manager at Risk, and Private Public Partnership (PPP). Construction administration expertise includes detailed development of construction scope and fees and fee negotiations, and contract management. He performs value engineering, payment scheduling, budgeting, cost estimating, scheduling, QA/QC, change orders, claims analysis, and client/regulatory agency liaison services for successful project completion. Scope specific experience includes design and construction services in pump stations (raw and effluent wastewater, chemical), injection wells, monitoring wells, water mains, canal improvements (sheet pile bulk heads, rip rap, flow fill mats), coffer dams, foundations (piles, auger cast, drill shaft, micro piles), roadway drainage, culverts, outfalls, utility relocation, roadways, construction phasing.</p> <p>Project experience includes:</p> <ul style="list-style-type: none"> ■ CDWWTP Injection Well Pump Station, Design and Construction Services, Miami-Dade Water & Sewer Department, FL ■ Master Pump Station #2 Additional Pump, Design and Construction Services, Miami-Dade Water & Sewer Department, FL ■ Pump Station Improvement Program, Multiple Pump Station Designs and Construction Services, Miami-Dade Water & Sewer Department, FL ■ Comprehensive Port Structural Infrastructure Improvements, Construction Management, Port Everglades, Fort Lauderdale/Hollywood, FL ■ 60-Inch Force Main Tunnel Installation under Norris Cut Channel, Construction Management, Miami-Dade Water & Sewer Department, FL ■ Consent Decree Projects, Multiple WWTP Mechanical Design and Construction Services, Miami-Dade Water & Sewer Department, FL ■ Consumer Line Relocation, Water Main Design, Miami-Dade Water & Sewer Department, FL ■ I-595 Express Corridor Improvements Project, PPP (Finance, Design, Construction, O&M), Broward County, FL ■ Aventura FM Improvements, Design, Miami-Dade Water & Sewer Department, FL ■ Ocean Outfall Legislation Projects, FM Criteria Engineer, Miami-Dade Water & Sewer Department, FL ■ Master Pump Station #1 Upgrades, Design, Miami-Dade Water & Sewer Department, FL ■ Terminal D&E Passenger Bridge Improvements, Design and Construction Services, Port Miami, Miami, FL ■ Perimeter Road Bridge Replacement, Planning and Design, Miami-Dade Aviation Department, Miami, FL ■ SR 7 Intersection Improvement Project, Construction Management, FDOT District 6, Miami, FL ■ McMillan Plant North Clearwell Maintenance and Improvements Design, USACE, Washington D.C. ■ Third High Reservoir Maintenance and Improvements Design, United States Army Corps of Engineers, Washington D.C. ■ Phase II Expansion Hospital Entrance, Jackson Memorial Hospital (JMH), Miami, FL

TEAM MEMBERS

NAME, ROLE & CREDENTIALS	QUALIFICATIONS
<p>Agustin Maristany, PE PROJECT PRINCIPAL; EXPERT PANEL - DRAINAGE</p>  <p>Education M.S.C.E., 1979, University of Texas at Austin; B.S.C.E., 1978, University of Puerto Rico</p> <p>Professional Credentials Professional Engineer Florida No. 33351</p>	<p>40 years of experience in the fields of water, wastewater, reuse, and stormwater/water resources engineering, and has provided those services to numerous south Florida municipalities, including Hollywood, Miami-Dade County, Doral, the South Florida Water Management District, the Central Broward Water Control District, Broward County, Ft. Lauderdale, North Miami Beach, Lauderdale by the Sea, Town of Southwest Ranches, City of Miami, Palm Beach County, and West Palm Beach</p> <p>Experienced with master planning and capital improvement planning, hydraulic modeling, condition assessments, pipe material selection, pump station design and rehabilitation, micro tunneling, SSES and I/I repairs, pipeline rehabilitation, flood proofing, design/contract documents, design-build criteria professional services, cost estimating, scheduling, permitting, bidding assistance, construction management and inspection, system testing and start-up, development of O&M plans, stakeholder coordination, and public relations</p> <p>Project experience includes:</p> <ul style="list-style-type: none"> ■ South Lake Drainage Area Drainage Plan and Design, Hollywood, FL ■ South Lake Drainage Area Stormwater Pump Station Preliminary Basis of Design Report, Hollywood, FL ■ City of Doral Tile District Drainage Study, Doral, FL ■ City of Doral Basin H-5 Drainage Improvements, Doral, FL ■ City of Doral Basin H-5 CM and Inspection, Doral, FL ■ City of Doral Basin H-8 Drainage Improvements, Doral, FL ■ City of Doral Basin H-8 CM and Inspection, Doral, FL ■ City of North Miami Arch Creek North/Arch Creek South Drainage Improvements, North Miami, FL ■ Miami-Dade County DERM, FEMA DORM North Canal Design Restoration, Homestead, FL ■ J.C. Bermudez Park Recycled Stormwater Irrigation Project, Doral, FL ■ City of Fort Lauderdale, Prospect Lake Recharge Facility, Fort Lauderdale, FL ■ Central Broward Water Control District, District Engineer, Broward County, FL ■ Central Broward Water Control District, C-11 East and West Basins Stormwater Master Plan, Broward County, FL ■ Miami-Dade County DERM, C-6 and C-1 Basins Stormwater Master Plan, Miami, FL ■ City of Miami, NPDES Permitting, Miami, FL ■ City of Boca Raton, Stormwater Funding Study, Boca Raton, FL ■ South Florida Water Management District, Section C Reservoir Design, St. Lucie County, FL ■ SFWMD C-9 Canal Impoundment Design, Broward County, FL ■ Walt Disney Imagineering, Animal Kingdom Park Lake, Orlando, FL ■ NW FWMD Lake Munson Environmental Assessment, Tallahassee, FL ■ SFWMD Design of S-511 Control Structure on C-9 Canal, Broward County, FL ■ SFWMD Design of S-511 Control Structure on C-9 Canal, Broward County, FL ■ NFWWMD Coastal Water Systems CIP, Northwest FL ■ MDWASD Force Mains and Sewer Pump Stations, Miami, FL

TEAM MEMBERS

NAME, ROLE & CREDENTIALS	QUALIFICATIONS
<p>Ann Springston Shires, PE EXPERT PANEL - PUMP STATIONS</p>  <p>Education B.S.C.E., 1982, West Virginia University</p> <p>Professional Credentials Professional Engineer Louisiana, Texas and New York</p>	<p>Civil engineer with 30 years experience in large civil works projects such as flood protection, hurricane protection, program management, coastal restoration, open channel hydraulics, pipeline hydraulics, pump station design and upgrade, structural steel design and upgrade, hydrologic and hydraulic analyses, and computer modeling. Experience includes:</p> <ul style="list-style-type: none"> ■ Principal-in-Charge, Louisiana Coastal Protection and Restoration Authority, LA (engineering and inspection services for levee work for SELA; design of expanded small scale physical model (ESSPM) of Mississippi River; construction oversight of Lake Hermitage marsh creation project; 1-D HEC-6T modeling work plan for Mississippi River HDMS project, including planned Myrtle Grove freshwater diversion) ■ Principal-in-Charge, Master Drainage Plan, Sewerage & Water Board of New Orleans, LA ■ Program Manager, \$1.2 B Capital Improvement Program, Southeast Louisiana Urban Flood Control Project (SELA), New Orleans, LA ■ Hydraulics Engineer, Urban Flood Control Project for the Sewerage & Water Board of New Orleans, New Orleans, LA ■ Hydraulics Engineer, USACE Mandeville Seawall Project, Mandeville, LA ■ Civil Engineer, USACE New Orleans District/Lafitte Area Independent Levee District Fisher School Basin Flood Protection Project, Lafitte, LA ■ Project Engineer, Master Drainage Plan, St. Charles Parish, LA ■ Hydraulics Engineer, Jefferson Parish Master Drainage Plan, Jefferson Parish, LA ■ Hydraulics Engineer, Big Island Mining and Atchafalaya Sediment Delivery, South Central Louisiana
<p>Adam Faschan, PhD, PE EXPERT PANEL - FEMA</p>  <p>Education Ph.D., Environmental Engineering, Louisiana State University; M.S.C.E., Louisiana State University; B.S.C.E., Bucknell University</p> <p>Professional Credentials Professional Engineer Louisiana, and Texas York</p>	<p>25 years of experience in environmental and civil engineering, disaster recovery and hazard mitigation for large public infrastructure programs. He has worked directly with FEMA and HUD on recovery programs following Hurricanes Harvey, Matthew, Irma, Katrina, Rita, Gustav and Ike, Superstorm Sandy and Louisiana and South Carolina Flooding providing facility assessments, design for FEMA funded repairs, hazard mitigation and buyout programs, and CDBG-DR funded housing and infrastructure repair and rehabilitation. Experience includes:</p> <ul style="list-style-type: none"> ■ St. Johns County Hurricane Matthew and Irma Disaster Recovery Program Management/FEMA Guidance, St. Johns County FL ■ Gulf Coast Water Authority Emergency Services and FEMA Guidance, Hurricane Harvey, TX ■ East Richland County Public Service District FEMA Flood Recovery Program, East Richland County, SC ■ Nassau County NY Superstorm Sandy FEMA & CDBG-DR Recovery, Nassau County, NY ■ St Bernard Parish Hurricane Katrina FEMA Program Management, St Bernard Parish, LA ■ Project Manager, 3rd Party Hurricane Damage Assessment, FEMA and Sewerage and Water Board of New Orleans, New Orleans, LA ■ Senior Technical Advisor, Private Property Demolition Removal, St. Tammany Parish, LA to meet impending deadlines for 100 percent FEMA reimbursement for house demolition and debris removal ■ Senior Technical Advisor, Administrative Program Management Assistance for FEMA Repairs, St. Bernard Parish, LA

TEAM MEMBERS

NAME, ROLE & CREDENTIALS	QUALIFICATIONS
<p>Tony Vesay EXPERT PANEL - FEMA</p>  <p>Education M.S, National Security and Strategic Policy, National War College; M.S.C.E., Pennsylvania State University; M.S., Systems Management, University of Southern California; B.S.C.E, Pennsylvania State University</p> <p>Professional Credentials Professional Engineer - Virginia; ASQ/CMQ/QE (ASQ); LEED AP; PMP</p>	<p>Experienced leader and manager with more than 25 years of program, quality management and organizational leadership experience. A former career Army Officer and senior-level industry leader, he has led several disaster response programs ranging from Hurricane Sandy in NYC, to Hurricane Katrina in Mississippi, to numerous military contingency operations, including Operation Iraqi Freedom (Iraq Survey Group). He understands client intent and program requirements and excels at developing and integrating strategic plans and an execution strategy to client requirements, resulting in program success.</p> <p>Currently, Mr. Vesay serves as King’s Disaster Recovery Group Leader, overseeing all ongoing projects to ensure that client expectations are met and adequate resources are available and committed. In his role as Subject Matter Expert, he leverages his direct experience and expertise in nationwide disaster recovery efforts to apply lessons learned for the benefit of our clients. Experience includes:</p> <ul style="list-style-type: none"> ■ Lead Program Manager, New York City Department of Design and Construction (DDC), Build-It-Back (BIB), Housing Recovery Program, New York, NY ■ USACE and FEMA Compliance Manager, 2-Year Directing Responders and Coordinating Recovery Activities Hurricane Katrina Response, MS ■ Senior Leader / Logistics Officer (J4) for Iraq Survey Group Managing 1450 Person Inter-agency Joint Intelligence Task Force for Operation Iraqi Freedom
<p>Ricardo Colon, Esq., PE LEAD INSPECTOR</p>	<p>Licensed Environmental Engineer and Certified Permitting Professional performing field inspections and construction management services; Experience includes:</p> <ul style="list-style-type: none"> ■ Site Representative and Inspector, G103 Replacement Structure, South Florida Water Management District, Lake Wales, FL ■ Construction Management and Maintenance, Commercial Property Management, ERCO Properties, Inc., Barranquitas, PR ■ Inspector, 21st Century Publi School Improvement Program (>60 schools), Puerto Rico Department of Education ■ Site Inspections, Puerto Rico Aqueduct and Sewer Authority Wastewater Treatment Plants, Various Locations for Puerto Rico Environmental Quality Board’s Performance Partnership Grant with EPA ■ Construction Management, Tropical Laboratory on Campus Wetland, Inter American University of Puerto Rico, Bayamon, PR ■ Field Engineer, Remedial Investigation / Feasibility Study, Stratford Army Engine Plant, Stratford, CT ■ Field Inspector, New York Harbor Dredging Project, New York / New Jersey Port Authority, New York, NY ■ Field Inspector for Bridge Construction, Georgia SR 400, Atlanta, GA
<p>Lance McClaskie INSPECTOR</p> <p>Certification ACI Certified, Troxler Certified, Earthwork Level 1 Certified</p>	<ul style="list-style-type: none"> ■ Inspector and Technician ensuring contractor compliance an managing on-site personnel ■ Density testing, concrete testing (slump, air meter, make cylinders), lab work (soil testing, proctors), aggregate sampling, LBR testing, break concrete cylinders, drilling and sampling ■ Testing and inspection of road construction mterials (Hot Mix Asphalt, Granular Base Course Soil, concrete and gradation of aggregates) ■ Field and laboratory data management, reports, letters and communication with Project Manager

TEAM MEMBERS

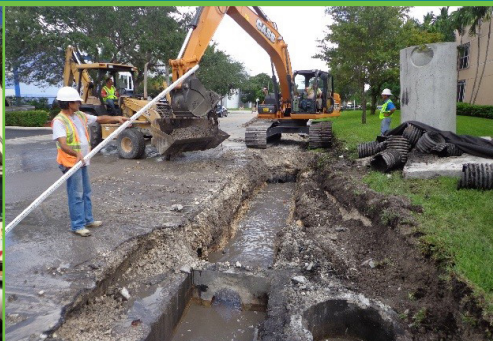
NAME, ROLE & CREDENTIALS	QUALIFICATIONS
<p>Ha Huu Nguyen Inspector</p>	<p>Field and laboratory technician providing geotechnical engineering, field services and materials testing laboratory services; Soils testing, field concrete testing, field soil cement testing, nuclear density testing, earthwork inspection, asphalt inspection and vibration monitoring, field testing for underground utility installation, and field manual auguring and sample collection; Projects include:</p> <ul style="list-style-type: none"> ■ Field/Lab Technician, C-44 Stormwater Treatment Area and Pump Station, SFWMD, Palm Beach County, FL ■ Field/Lab Technician, FY14 Project Culvert Replacements Central and South Florida ■ Field/Lab Technician, Everglades Agricultural Area (EAA) Reservoir A-1, Palm Beach Co., FL ■ Field/Lab Technician, Herbert Hoover Dike Culverts 5A and 5 Rehabilitation Structure Replacements, Palm Beach Co., FL ■ Field/Lab Technician, FLL Site Preparation and NAVAIDS for Runway 10R-28L, Broward County, FL ■ Field/Lab Technician, Hillsboro Canal Bank Stabilization, Palm Beach and Broward Counties, FL ■ Field/Lab Technician, Terminal 1 and 4 Expansion at FLL
<p>Salome Montoya INSPECTOR</p> <p>Education Associate of Arts, 2017 Miami Dade College</p>	<p>Civil engineering and construction manager focused on water resources, pump stations, force mains, stormwater collection systems, permitting, design and construction phase services/construction administration for municipal infrastructure; Projects include:</p> <ul style="list-style-type: none"> ■ Arch Creek North/Arch Creek South Drainage Improvements, Miami, FL ■ Basin H-5 Priority 1 and 2 Drainage Improvements, Doral, FL ■ Basin H-8 Priority 1 and 2 Drainage Improvements, Doral, FL ■ 48-Inch Water Main Interconnect in Central East Area, Miami-Dade, FL ■ Small Diameter Water Main for Leisure City Phase I and II ■ Miami-Dade Pump Station Upgrades (65, 67, 500, 502, 026, 109, 836, 1201, 1306), Miami, FL ■ Miami-Dade Force Main Upgrades (500, 065, 0394), Miami, FL
<p>Douglas Jennings INSPECTOR</p> <p>Education B.S., Contracting and Construction Management, Utica College of Syracuse University</p>	<p>Field Representative responsible for reviewing shop drawings, observation/inspection and verification of contractor work for compliance with specs/drawings, maintaining accurate and complete daily reports, observing/reporting and coordinating project progress with client, contractor and engineer, reviewing pay applications, preparing punchlists and performing final walkthrough. Project experience includes:</p> <ul style="list-style-type: none"> ■ Construction Observation, Clement Pride Blvd., North Hillsborough County, FL ■ Construction Observation, Clement Pride Blvd., South Balm Roadway Improvements and Mass Grading of Carlton Parcel, Hillsborough County, FL ■ Construction Field Representative, South Fork Tracts M, Hillsborough County, FL ■ Resident Inspector, Solid Waste RO WTP CM, Pinellas County, FL ■ Owner's Engineer for N. Palm River WTP Expansion DB, Hillsborough County, FL ■ Owner's Representative, Clearwater Northeast Water Reclamation Facility Clarifier Rehabilitation, Clearwater, FL ■ Resident Inspector, Martin Luther King Blvd., Utility Relocation, Hillsborough County, FL

TEAM MEMBERS

NAME, ROLE & CREDENTIALS	QUALIFICATIONS
<p>Vincent Galiano INSPECTOR</p> <p>Education St. Petersburg Junior College; Pinellas Vocational Technical Institute</p> <p>Professional Credentials FDOT Asphalt Paving Technician – Levels 1 and 2 FDOT Earthwork Construction Inspection Level 2 FDEP Stormwater Management Inspector Florida Stormwater Association – Stormwater Operator Level 1 APNGA Portable Nuclear Gauge Safety & USDOT Hazmat Certification</p>	<p>Civil site design, permitting and construction administration including both commercial and residential projects for roadways, utility/paving design, grading and drainage improvements, utility, stormwater, and environmental permitting, as well as construction plan coordination; Experience includes:</p> <ul style="list-style-type: none"> ■ Construction Management, Westshore Marina District Bridge Street Phase 1, and 2 – Tampa, FL ■ Construction Management, State Road 56 Roadway Extension From SR 581 To Meadow Pointe Boulevard Pasco County, FL ■ Construction Management, SR 54 and Sunlake Boulevard, Pasco County, FL ■ Construction Management, Wiregrass Ranch Blvd – Phase 1, Pasco County, FL ■ Field Observation, The Morrison, Tampa, FL ■ Field Observation, Havana Square, Tampa, FL ■ Field Observation, Lakeshore Ranch, Pasco County, FL ■ Field Observation, Rocky Point Apartments, Tampa, FL ■ Construction Manager, North Tampa Behavioral Hospital, Pasco, County, FL ■ Field Observation, The Arbors, Pasco County, FL



REFERENCES



Section 8

Past Performance - References

We believe whole-heartedly that our clients best attest to the quality of the services we provide and we encourage you to contact the individuals provided to hear first-hand how we have met their needs and exceeded their expectations. These clients have been notified and are aware that the City will send them a request for verification via email within two business days of receipt of this proposal.



REFERENCE CHECK FORM

RFP # FY 2017-2018-010 CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION SERVICES FEMA GRANT SW DRAINAGE PROJECT
PROPOSING FIRM'S NAME(S) :Ardurra - Constantine
PROJECT NAME: Disaster Recovery for Hurricanes Matthew and Irma
WAS THIS A FEMA DRAINAGE PROJECT: Yes
NAME OF FIRM THAT WAS AWARDED THE AGREEMENT FOR THE PROJECT: Ardurra - Constantine
NAME ALL THE FIRMS THAT WERE SUBCONTRACTORS TO THE PROJECT AND PROVIDED SERVICES: Ardurra - Constantine

Name of reference:	Joseph Giammanco	Phone:	(904) 209-0152
Title of reference:	Director Disaster Recovery	E-mail Address:	Jgiammanco@sjcfl.us
Company/Employer:	St Johns County Board of County Commissioners		

Please answer the following questions regarding services provided by the proposer named above.

1. Provide detail information of the specific services the Firm provided for your Project.
Ardurra provided technical expertise and clerical support for the writing of FEMA project worksheets related to hurricanes Matthew and Irma



2. Provide detail information about the level of commitment of the Firm to your project. Did the Firm devote the time, and personnel necessary to successfully complete the organization's needs?

Ardurra's devoted adequate time, personnel and resources to complete the tasks required.

3. Provide detail information about the competence, accessibility, and responsiveness of the Firm's personnel supervising and performing the work on the project.

Ardurra's supervision of personnel was adequate.

4. Provide detail information about the Firm's response time as required by your Agreement. Where there ever any issues and why?

Ardurra's response time was adequate for the tasks assigned.



5. Provide detail information about the Firm's success at minimizing any issues.

Ardurra personnel remained focused on the tasks given.

6. How would you rate the Firm's overall work throughout the years on the Contract?

They have completed required tasks in a timely manner, and have no outstanding negative issues.

ADDITIONAL COMMENTS:

SIGNATURE:  Date: 5/9/18



REFERENCE CHECK FORM

RFP # FY 2017-2018-010 CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION SERVICES FEMA GRANT SW DRAINAGE PROJECT
PROPOSING FIRM'S NAME(S): King Engineering, Inc.
PROJECT NAME: St. Bernard Parish – FEMA Grant Management and Closeout Services
WAS THIS A FEMA DRAINAGE PROJECT: Grant Management for a wide variety of infrastructure including major drainage canals, culverts and bridge crossings.
NAME OF FIRM THAT WAS AWARDED THE AGREEMENT FOR THE PROJECT: Ardurra Group (King Engineering Affiliate)
NAME ALL THE FIRMS THAT WERE SUBCONTRACTORS TO THE PROJECT AND PROVIDED SERVICES: H. Davis Coles and Associates, LLC.

Name of reference:	Donald Bourgeois	Phone:	504-236-3877
Title of reference:	Director of Recovery	E-mail Address:	dbourgeois@sbsp.net
Company/Employer:	St. Bernard Parish Government		

Please answer the following questions regarding services provided by the proposer named above.

<p>1. Provide detail information of the specific services the Firm provided for your Project.</p> <p>FEMA Grant Management and closeout services for damages to St. Bernard Parish's infrastructure related to Hurricane Katrina. These services included all infrastructure addressed with Categories C thru G s designated by FEMA including water/wastewater infrastructure, buildings, civic centers, parks streets and drainage infrastructure including drainage canals, culverts and bridge crossings.</p>



2. Provide detail information about the level of commitment of the Firm to your project. Did the Firm devote the time, and personnel necessary to successfully complete the organization's needs?

The firm provided a level of staff as required by St. Bernard Parish Government dedicated to this project and has remained committed to adjusting this staff level to meet our needs.

3. Provide detail information about the competence, accessibility, and responsiveness of the Firm's personnel supervising and performing the work on the project.

The firm initially provided staff within St. Bernard Parish's Offices to meet our needs and provide maximum accessibility. When this space was required by St. Bernard Parish staff, the firm relocated staff to remain in close proximity to properly respond to our needs.

4. Provide detail information about the Firm's response time as required by your Agreement. Where there ever any issues and why?

Due to the nature of the project a specific response time was not required within the contract. However, the ability of the Ardurra Group to move projects to closeout with FEMA has been at one of the fastest rates within the State of Louisiana.



5. Provide detail information about the Firm's success at minimizing any issues.

The Ardurra Group has been able to identify any FEMA issues and proactively arrange meetings with FEMA to address the issues to avoid potential funding deobligations with FEMA.

6. How would you rate the Firm's overall work throughout the years on the Contract?

The Ardurra Group has done an outstanding job with grant management and closeout. I would easily give the Ardurra Group an A+.
The team this firm has assembled is energetic and motivated and has extensive knowledge of FEMA's guidelines and regulations.
Ardurra has made my life with the Recovery department an easy task.
I would highly recommend their services to anyone.

Donald R. Bourgeois Jr.
Director of Recovery
St. Bernard Parish

ADDITIONAL COMMENTS:

SIGNATURE: _____

Date: _____

5/11/18



REFERENCE CHECK FORM

RFP # FY 2017-2018-010 CONSTRUCTION ADMINISTRATION AND ENGINEERING INSPECTION SERVICES FEMA GRANT SW DRAINAGE PROJECT
PROPOSING FIRM'S NAME(S): King Engineering
PROJECT NAME: Gulf Coast Water Authority Hurricane Harvey FEMA Grant Management Services
WAS THIS A FEMA DRAINAGE PROJECT: FEMA funded project for restoration of major water intake, pumping, storage and conveyance structures including approximately 300 miles of canals.
NAME OF FIRM THAT WAS AWARDED THE AGREEMENT FOR THE PROJECT: Ardurra Group (Affiliate of King Engineering)
NAME ALL THE FIRMS THAT WERE SUBCONTRACTORS TO THE PROJECT AND PROVIDED SERVICES: Kalluri Group, LLC

Name of reference:	James Vanderwater	Phone:	(281) -687-7270
Title of reference:	Authority Engineer	E-mail Address:	jvanderwater@gcwater.org
Company/Employer:	Gulf Coast Water Authority		

Please answer the following questions regarding services provided by the proposer named above.

<p>1. Provide detail information of the specific services the Firm provided for your Project.</p> <p>FEMA Grant Management services for damages to GCWA's infrastructure related to Hurricane Harvey. Included assistance with damage assessments of major water intake structures, pumping plants, reservoirs and approximately 300 miles of conveyance canals. Includes assistance with damage descriptions, development of scope of work and cost estimates for all damaged infrastructure. Also, includes grant management coordination with FEMA to obtain funding obligations and to obtain reimbursement requests.</p>

2. Provide detail information about the level of commitment of the Firm to your project. Did the Firm devote the time, and personnel necessary to successfully complete the organization's needs?

After Hurricane Harvey Ardurra mobilized four teams to inspect over 300 miles of canals, 5 pumping plants, 2 reservoirs and our water treatment plant. After the initial inspection work they provide the office support to organize and load the findings onto the FEMA Grants portal. They have continued to provide support to coordinate the development of Worksheets and damage assessments with the FEMA staff.

3. Provide detail information about the competence, accessibility, and responsiveness of the Firm's personnel supervising and performing the work on the project.

Ardurra Group has experience in working on disaster recovery work and with FEMA. This has been extremely valuable in working through the "New Process" with FEMA. We are learning the "New Process" but the old precedents are still valid. Ardurra has managed the Grants Portal for the Authority and they have been at our side through all of the meeting with FEMA.

4. Provide detail information about the Firm's response time as required by your Agreement. Where there ever any issues and why?

Ardurra mobilized within 5 days of the signing the initial Agreement. They have been responsive to all of our calls and available to turn around task quickly.



5. Provide detail information about the Firm's success at minimizing any issues.

We had a project that was originally classified as an Emergency Protective Measure where we utilized Force Account Labor to perform all of the work. By reclassifying the project as Completed Work we are able to recover all of the costs associated with Force Account Labor rather than just the Overtime hours.

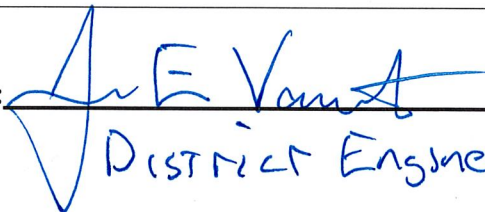
6. How would you rate the Firm's overall work throughout the years on the Contract?

Very Good

ADDITIONAL COMMENTS:

Adam Faschan and Chris Canonico are experts in dealing with FEMA and disaster recovery.

SIGNATURE:


District Engineer

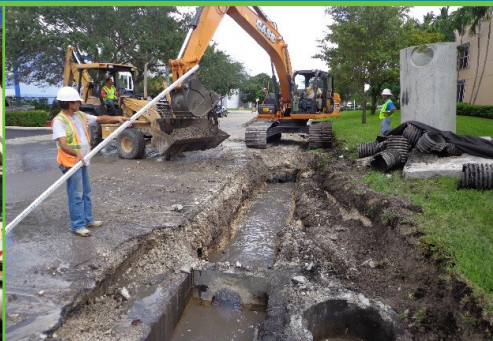
Date:

5/17/18



APPROACH

APPROACH



Section 9

Approach

1: Introduction

King offers the distinct range of services in design, construction management, and disaster management required to effectively perform the services requested by the City of Hallandale Beach (CITY); King has a proven history in providing construction management and inspections services for work similar to that shown in the construction documents and, crucial to executing the CITY's scope of work, management of FEMA funded projects. Our overall range of services include:

- FEMA Program Management
- CDBG Program Management
- Program Management
- Project Delivery Methods
- Contract Management
- Construction Management
- Project Scope Development
- Project Budget Development
- Stakeholder Coordination
- Constructability review
- Value Engineering
- Risk Assessment and Mitigation
- Project Schedule Management
- Budget Management
- Resident Engineering Inspection
- QA/QC
- Surveying
- Safety Monitoring
- Stormwater Pollution Prevention Plan Monitoring
- Change, Claim, and Dispute Management/Assistance
- Document Control

King is uniquely qualified to provide the required services while concurrently maintaining program compliance.

2: Understanding of Scope of Services

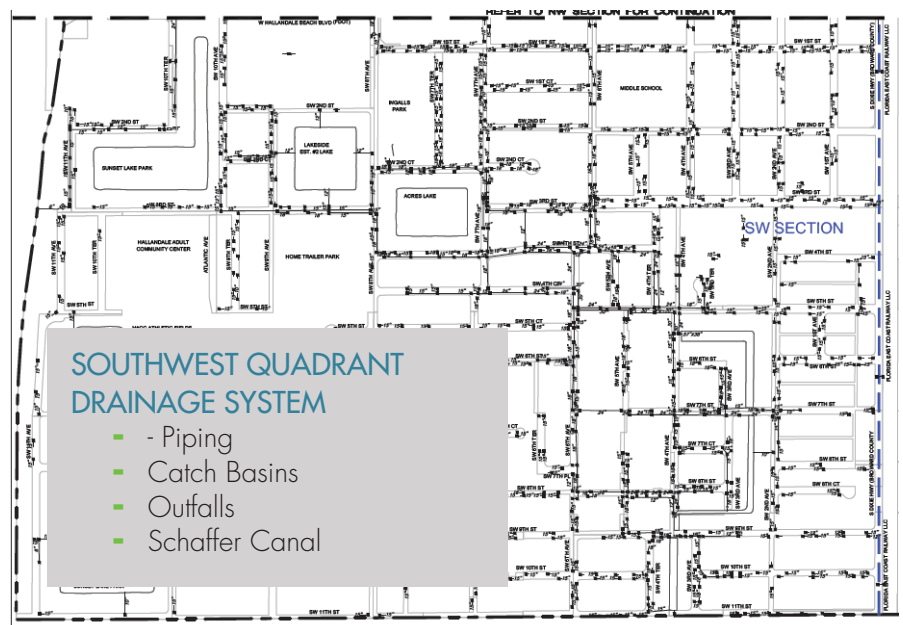
The first step in any project is to understand the program's known factors so that they may be considered in the development

of an Approach, selection of the appropriate Project Team and, of course, fulfillment of the desired Scope of Service. In support of this effort, and development of this Proposal, King obtained a copy of the design plans and specifications for SW FEMA Drainage Project and reviewed these documents. Our Approach incorporates both the oversight of the project's technical aspects and compliance with mandated FEMA requirements.

2.1: Understanding the Design

As per an agreement with the Southwest Florida Water Management District (SWFWMD), it is our understanding that the Southwest Drainage basin improvements provide for the disposal of stormwater drainage at a rate of 70,000gpm and includes:

- One (1) control station
- One (1) pumping station with associated force main discharge to injection wells
- Seventeen (17) Class V, Group 6 stormwater drainage injection wells
- Four (4) monitoring wells
- Replace three (3) stormwater drainage outfalls
- Drainage improvements
- Existing utility relocation (water, sewer, and stormwater)
- Maintenance of Traffic
- Roadway



2.2: Understanding FEMA Funding

One of the most critical aspects of implementing this project is reviewing and understanding the source of FEMA funding. Without this fundamental understanding the potential of funding loss, unreimbursed costs, and even potential project cancellation are possible. This is why King believes the first and foremost step in our project approach is obtaining all of the information on the funding source and developing an oversight strategy accordingly. Based upon the limited information associated with the Request for Qualifications (RFQ), we believe the funding source is likely a 404 Hazard Mitigation Grant or Flood Mitigation Assistance Grant obtained through the State of Florida and funded by FEMA. However, since the difference in our implementation strategy will be markedly different depending on this funding source, the following section explains our approach based upon funding source. For all options, it is critical that the CITY's Procurement Policies be followed.

Obtaining all information on the funding source and developing an oversight strategy accordingly will be first and foremost in our Approach to prevent funding loss, unreimbursed costs or project cancellation.

the approved funding can be versioned to facilitate proper cashflow when needed. The primary cost impact to the CITY will be the required 25% match.

2.2.1.2: FEMA Oversight Approach for Improved or Capped Public Assistance Project

For this source of funding, tracking of the budget and management of project costs become more critical. As indicated for this particular type of work to be performed, the funding from FEMA is capped regardless if the costs incurred fit with the approved scope of work for the project. Thus, increases in project costs will likely be borne solely by the CITY. Control of change orders and other potential project costs becomes critical. However, under this funding scenario there may be a potential to approach FEMA to change the project scope to reduce the cost impacts. Thus, tracking the project costs becomes critical and identifying ways to reduce project costs (if necessary) will become useful.

2.2.1: FEMA Oversight by Source of FEMA Funding

2.2.1.1: FEMA Oversight Approach for Regular Public Assistance Funds including 406 Hazard Mitigation

If funding is provided through this source, proper tracking of the approved project scope is essential. However, tracking of project budgets becomes less critical. For this funding source as long as the scope is properly followed and all aspects of construction properly procured, FEMA will adjust project costs based upon actual costs incurred. This occurs at project closeout. Thus, oversight for the FEMA funding becomes primarily proper tracking of the project with the approved scope of work. Change orders need to assure compliance with the scope of work and need to be reviewed to assure all costs claimed are reasonable. However, budget concerns become less critical. If costs increase FEMA needs to be contacted on a timely basis to assure

2.2.1.3: FEMA Oversight Approach for 404 Hazard Mitigation or Flood Mitigation Assistance Grant

For this funding source (which appears to be the funding source for this project) project life cycle management of scope and costs is essential for a variety of reasons. The funding provided through the State typically is capped with little or no chance to request additional funds for project changes. Thus, project changes outside the original project funding would likely be a cost incurred by the CITY. Equally important are changes in scope. Dependent on the overall grant conditions and project justification, significant project changes may trigger re-evaluating the grant eligibility. For instance, a significant change in the project footprint may require re-evaluating the environmental approval process. Also, a significant change in project scope, such as reduction in drainage capacity, could impact funding eligibility. Many of the drainage projects are justified based upon a positive benefit/cost analysis. The cost of the project

are typically compared to the benefits of reducing flood related damages to various properties positively impacted by the drainage project. However, if drainage capacity is impacted the benefits will be impacted, requiring a potential re-analysis of the benefit/cost ratio. If the project no longer has sufficient benefits, funding could be impacted.

Under this funding source both project scope and budget have to be closely managed. If potential change orders will impact the project budget, just removing project scope may not be possible. Only items that do not affect the projects overall scope and function, might be available to be removed. For example, fencing just provided for aesthetic reasons might be eliminated, but changing drainage pipe sizes cannot. Maintaining a certain level of contingency funding within the grant amount is always recommended if the selected bid is higher than expected or unforeseen conditions result in higher than expected change orders. If not available, the CITY may need to have other funding sources available. With this funding King will need to review potential scope and cost changes at every critical step of the project. If claimed costs or change orders impact cost a careful review of the project could be needed. This could require some form of value engineering or the ability to maintain the original function of the project while reducing costs. Also, the footprint of the proposed project cannot change substantially. King has this drainage design expertise available if needed.

2.2.2: Oversight of FEMA Funding during Construction Management and Resident Inspection

Simply stated, properly executed construction management will typically satisfy the FEMA funding portion of the project. If changes in work, change orders, etc., are properly reviewed for cost reasonableness and documented, FEMA funding concerns should be addressed. If changes orders are properly detailed with material costs, equipment costs, manhours incurred including raw costs, and fringe benefits and overhead and profit are deemed reasonable, the battle is mostly won. Once this activity is done, oversight for FEMA funding aspects become simplified. Oversight for FEMA funding impacts

Through extensive engineering justifications for hazard mitigation, code and standard upgrades and proper cost estimating King was able to expand FEMA funding for the St Bernard Parish Munster WWTP Consolidation from \$11M to \$23M.



should occur during receipt of pay requests and any significant changes in project scope or cost. Thus, King will provide staff with FEMA expertise to be directly accessible to King's proposed Project Manager. Under this approach, when pay requests are to be reviewed this resource will assist with the compliance review related to available FEMA funds. Also, this resource will be available when the Project Manager identifies any significant pending changes in project scope and/or change orders. A review will be coordinated for potential FEMA funding impacts before the pending scope changes or change orders proceed. Consultation with the State and FEMA will be provided based upon the outcome of this review.

If difficult project changes occur that may impact project costs the King PM will also have access to experts in drainage. These services may be necessary to value engineer any changes to assure the function of the project does not change, while determining changes that will reduce costs. Hopefully, this will not be required, but the King team can provide this resource if needed.

In sum, coordinating the technical and compliance aspects of the Program are vital and exactly the expertise we bring.

3: Project Scope Development

Upon selection, we offer additional efforts to understand more fully the details of the project. This may include:

- Identify the source of FEMA Funding
- Identifying the goals and objectives of the project through meetings and discussions with the CITY.
- Identify special constraints or requirements that will apply to the project.
- Assemble and further review existing information pertaining to the project.
- Conducting a field review for the project, accompanied by CITY staff.
- Identify special concerns unique to the project
- Maintain constant communication w/ and provide recommendations to the CITY.

4: Project Budget Development

Based on the accepted project Scope of Services, a project budget will be developed, establishing the required level of effort for completion of the project. King recognizes the importance of meeting the budgetary requirements of the CITY. King utilizes a fully integrated Project Software System for in-house accounting. King will utilize aggressive project inspection/record keeping, weekly project review meetings, experienced personnel, and a commitment to quality control to ensure that work undertaken for the CITY is completed in a timely and cost-effective manner that does not impact the construction schedule.

5: Schedule Development

Once the actual Scope of Services is developed and the contractor's schedule is available, a draft master project schedule will be prepared using the Microsoft Project Software (or a software as preferred by the CITY). This schedule will identify key milestones in the construction process and will be developed using the Critical Path Method (CPM) of project scheduling. It serves as a

In Nassau County NY, King was instrumental in securing funds for the largest single project ever funded by FEMA – the \$810M Bay Park Sewage Treatment Plant.

check on the actual and detailed project schedule, as developed by the contractor. The contractor's schedule will be assessed for completeness and reasonableness in meeting the required milestones.

A primary aspect of the schedule will be phasing of the project as specified in the contract documents. The work sequence as spelled out in specification 01010:

1. Construct new pump station and associated trash rack, seawall, and concrete revetment.
2. Construct new force main and storm water injection wells.
3. Provide temporary measures to maintain storm water discharge prior to installation of Control Structure at end of existing 96" storm pipe located at SW 11th Avenue.
4. Construct new Control Structure and associated flap gate, sluice gate, seawalls and concrete revetment. Construct all drainage improvements.
5. Restore all work areas and test, start-up and train personnel on new system.
6. Project Management Plan (PMP)

With the Scope of Services, schedule and budget defined, King will develop a PMP for the project to be used as a guide for overall Quality Control Process. Critical elements of the PMP include:

- Goals/Critical Success Factors
- Quality Control Process
- Schedule
- Communication Plan
- Financial Plan
- FEMA Funding Management
- Contingency/Risk Management Plan

Of key interest to the CITY will be the Communication Plan, which will establish lines of communication between the three entities (Owner, Contractor, Engineer, other stakeholders) that are involved with the project and identify how the various communication elements will be used to distribute information to the team. By establishing a Communication Plan, the possibility of costly miscommunications and the resulting delays are reduced.

King identified a NY State funding mechanism to secure an additional \$28M for the Bay Park force main and pump stations and \$75M for the Bay Park ocean outfall facility.



7: Project Kick-Off

Upon NTP, King will conduct an in-house kick-off meeting with all assigned project staff. The specific aspects to be covered during this meeting include the following:

- Review the Scope & the responsibilities of each project team member.
- Identify budgets, schedules, deliverable dates, dates for internal budgets, technical reviews, communication requirements, etc.
- Establish specific Project Management and Quality Assurance/Quality Control plans for the project.
- Discuss project constraints due to funding source and how they may impact project implementation (see last sentence in this Section)

In addition to a kick-off meeting, weekly project review meetings are an integral facet of King's project management system. At a fixed time each week, meetings are held to specifically discuss pertinent developments, deadlines, technical or administrative concerns, and resource coordination. These weekly project review meetings have proven to be a very valuable tool in the cost effective and timely completion of individual projects.

The end result is that all project team members will understand the requirements—both from a technical and compliance aspect. Any nuances resulting from the possible FEMA funding sources will be understood to mitigate against any funding deobligations.

8: Services During Construction

The best design can become an unsuccessful project if the construction effort is not carefully monitored and controlled. It is anticipated that King will assume the role of Responsible Engineer for construction of the project. As such, King will have a Florida Registered Professional Engineer in responsible charge working with one or more Resident Project Representatives (RPRs) and other staff to assure that the project is constructed in general accordance with the Contract Documents. The CITY's original Design Consultant will remain as the Engineer-of-Record for the design and permitting of the work and all related process and performance factors.

If required, King's in-house surveyors will establish survey control at the site in support of miscellaneous surveying requirements requested by the CITY and for use by the Contractor's surveyor in laying out the project. If necessary, King's surveyors will also provide support in establishing quantities for payment. Although the major pay items are lump sum, assistance may be required in verifying quantities for rock excavation, unsuitable material replacement, miscellaneous concrete and any additional work authorized by the CITY.

Upon commencement of construction, King will perform engineering services required to fulfill its responsibilities under this Agreement. These construction management and inspection services include, but are not limited to, the following:

- Scheduling and conducting a preconstruction conference for the project and preparing and issuing minutes to the appropriate parties.
- Coordination with internal staff on FEMA funding impacts at critical project steps as indicated in Section 2.2.2 above.
- Maintaining on a daily basis a complete and accurate record of relevant activities and events relating to the project and a record of work completed by the Contractor, including quantities of pay items where said pay items are not included in a Lump Sum cost. Apparent significant changes in

quantity, time or cost will be immediately brought to the CITY's attention.

- Maintaining the project control schedule on a monthly basis and report the status of the work on major scheduled items. The contractor's schedule will be reviewed in detail and a report will be submitted to the CITY. The contractor's schedule will be reviewed to determine if relationships appear appropriate and if tasks are unnecessarily tied to the critical path. Often times, having inappropriate tasks tied to the critical path can result in unnecessary claims from the contractor.
- Maintaining a Project Diary comprised of Daily Reports, Construction Diary and Engineer's Monthly Summary.
- Maintaining a log of materials entering in the work with proper indication of the basis of acceptance of each shipment of material.
- Maintain and track all contract related reports including submittals, correspondence, pay requests, change orders, meeting minutes, supplemental instructions, sketches, Requests for Information (RFI), Requests for Changes (RFC), and all correspondence.
- Reviewing and processing shop drawing submittals for compliance with Utilities "Minimum Standards" and the approved Design. King will also assist the CITY with evaluation of "or-equal" or substitute materials proposed by the Contractor. A tracking log will include the status of each submittal as it progresses through review and approval. For use on mechanical construction projects such as this, King has developed a database program to



streamline shop drawing reviews, track review status and leave the Owner with a digital product of all literature involved. Paper copies of shop drawings, transmittals, O&M manuals, warranties, etc., can be scanned as they are received from the contractor and logged into the database, which is searchable by submittal number, specification number, keyword, etc, and then the electronic copy of the reviewer's comments can be emailed to those on the appropriate distribution list. Status of submittal approvals can be tracked easily as a simple check-off sheet. As submittals are received, individual equipment check-off sheets can be created to track receipt of O&M manuals, training sessions, warranties, substantial completion, sign-offs, and even performance-check items for startup – all linked together as well as to the contractor's schedule to indicate dates of warranty and create a calendar of events that require attendance by the engineer and the CITY. The database can also develop standard reports by submittal due date, specification section, reviewing engineer, and status. At completion, the CITY retains the database and electronic files for its future reference.

- Maintaining records of sampling and testing accomplished and reviewing these records to confirm acceptability of materials and completed work items. If required, King may bring a geotechnical subconsultant on board to sample and test component materials and completed work items to the extent that will determine that the materials and workmanship incorporated into the project are in reasonable conformity with the plans, specifications and contract provisions.
- Each month, prepare a comprehensive tabulation of the estimated quantity of each non-lump sum pay item satisfactorily completed to date. Quantities will be based on daily records or calculations and utilized for verification of the Contractor's Monthly Progress Estimate.
- Providing the Contractor with interpretations of the plans, specifications and contract provisions and consulting with the CITY when an interpretation involves complex issues or may have an impact on the cost of performing the work. When warranted, the CITY may request an interpretation from the Design Consultant.



- Analyzing changes to the plans, specifications or contract provisions and extra work which appear to be necessary to carry out the intent of the contract. When it is determined that a change or extra work is necessary and such work is within the scope and intent of the original contract, recommend such changes to the CITY for approval. Changes that do not appear to be within the scope of the original contract will likely need to be agreed to by the CITY Design Consultant.
- Reviewing the Contractor's schedules and Pay Applications and approve or disapprove as warranted.
- King will also review the contractor's Schedule of Values for the Lump Sum portion of the work. Values will be evaluated to determine if they appear appropriate, balanced correctly and timed appropriately to avoid "front loading" of payments.
- Developing a Contractor estimate when it is determined that a modification to the original contract for a project is required due to a necessary change in the character of the work and negotiate prices with the Contractor. Within two weeks of negotiations, prepare and submit a Change Order for approval by the CITY in accordance with applicable contract requirements.
- Participate in negotiations with contractors, consultants, and the CITY Attorney's Office.
- In the event that the Contractor gives notice, either written or verbal, that he deems certain work to be

performed is beyond the scope of the construction contract and he intends to claim additional compensations, maintain accurate force account records of the cost involved in such work. These records will include manpower and equipment times and materials installed (temporary and permanent) in the portion of the work in dispute.

- In the event that the Contractor submits a claim for additional compensation, analyze the submittal and prepare a recommendation covering validity and settlement of the claim. Maintain complete, accurate force account and other records of work involved in claims.
- In the event that the Contractor submits a request for extension of the allowable contract time, analyze the request and prepare a recommendation covering accuracy of statements and the actual effect of delaying factors on completion of controlling work items.
- Preparing and submitting to the CITY final project cost and three (3) sets of signed and sealed Record Drawings in AutoCAD within forty-five (45) calendar days after final acceptance of the project by the CITY. Record Drawings will be developed using Record Documents provided by the contractor in accordance with specification 01720.
- Assisting appropriate CITY officials in preparing for arbitration hearings or litigation that may occur during the Contractor's contract time in connection with the project covered.
- If necessary, providing coordination between the Contractor and other agencies responsible for provisions operation or maintenance of traffic signalization, signing or other traffic control functions to assure public safety and minimize inconvenience to the motorists.
- Monitoring the construction to the extent necessary to determine whether construction activities violate the requirements of project permits. Notifying the Contractor of observed violations or potential violations and require his immediate resolution of the problem. Violations will be reported to the CITY immediately.
- Verifying that the Contractor is properly executing Best Management Practices (BMPs) for erosion control, dust abatement and dewatering discharge control and sampling in accordance with the project NPDES and Generic Permits for the Discharge of Groundwater Resulting from Dewatering. Observing that erosion and siltation control measures are being properly maintained and that the project Stormwater Pollution Prevention Plan (SWPPP) is being adhered to.



- If required, providing coordination between the Contractor and utility companies to assure that conflicting utilities are removed, adjusted or protected in-place in a timely manner to minimize delays to construction operations.
- Conducting bi-weekly progress meetings as required with the respective Contractor, subcontractor and/or utility companies to review plans, schedules, problems or other areas of concern. The results of these meetings will be recorded and minutes distributed.
- If required, conducting and documenting field reviews of the maintenance of traffic operation after normal working hours, weekends and Holidays.
- Performing survey work to document quantities or when requested by the CITY.
- Review of Contractor Produced Operation and Maintenance reports and or manuals for equipment installed as part of the project.
- Participating in the mechanical start-up of the equipment. Certify completion of work and operation in accordance with manufacturer's specifications and project design criteria.
- Confirming pressure and leakage test, witnessing testing and documenting test results.
- Participating in walk-through and punch-list development processes. Developing a schedule for completion of punch list items and certifying their inspection and completion.
- Certifying that the project will operate as originally designed upon the completion of the work.
- Providing routine follow up services in support of the active permits and assisting the agencies with their review by attending meetings, making field visits, responding to questions, etc.
- Maintaining a camera for photographic documentation of noteworthy incidents or events to cover the following areas: preconstruction photographs, progress of work, accidents showing damage, unsafe working conditions, unusual construction techniques, damaged equipment or material, and observed activity which may result in claims.
- Submitting progress photographs each month. Views and timing of photographs shall be to depict

significant progress. Photographs will be submitted in an electronic format approved by the CITY.

- Preparation of project close out documents.

If requested and upon written authorization by the CITY, King can also provide additional services not otherwise identified as may be required in connection with the project. Items that may be required by the CITY as a supplement to this scope include:

- Making such changes and revisions to the plans and specifications as may be required in order to complete the construction activities. Such supplemental services may include assistance with the production of information or reports associated with permit requirements.
- Assisting appropriate CITY offices in preparing for arbitration hearings or litigation that occur during Contractor's contract time in connection with the construction contract.
- Providing program project control schedules to assist the CITY in planning and scheduling of construction projects.
- Performing project cost and cash flow analysis services in the assistance of overall program financial management.
- Analyzing claims submitted by the contractor after the construction is completed and preparing a recommendation to the CITY covering validity and reasonableness of charges and/or assisting in negotiations leading to settlement of the claim.

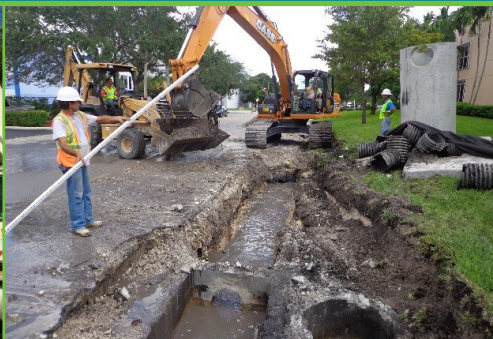
9: CONCLUSION

King has developed the foregoing approach based on the CITY's Scope of Services outlined in the Request for Qualifications and on our experience working with other municipalities on similar projects. We are also able to make the needed program adjustments based on the different scenarios mentioned earlier. We have successfully used this approach over the years and look forward to working with the CITY team to properly execute the project(s) while remaining compliant with federal mandates.





MBE CERTIFICATION



Section 10

MBE Certification

King Engineering Associates, Inc. is not a certified Minority Business Enterprise under Florida Statute 287.0552.(2) Minority Business Certification Florida Small and Minority Business Assistance Act.





King

ENGINEERING ASSOCIATES, INC.

www.kingengineering.com

