



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

Electronic

**MITIGATION SERVICES FOR FORT LAUDERDALE EXECUTIVE AIRPORT,
PARCEL 21B**

**RFQ#
476-11948**

Prepared
For: **CITY OF FORT LAUDERDALE**
Procurement Services Division, Room 619, City Hall
100 N. Andrews Avenue
Fort Lauderdale, FL 33301

**Due Date/Time:
May 18, 2017
2:00 P.M.**





1. TABLE OF CONTENTS

- 1. Table of Contents** 1
- 2. Executive Summary** 3
- 3. Firm Qualifications & Experience**
 - Company Background 6
 - Meeting Time & Budget Requirements 7
 - Sustainable Business Practices 8
 - Business Structure 10
 - Standard Form 330 12
 - Licenses and/or Certifications 43
- 4. Organizational Profile and Project Team** 46
 - Project Manager’s Experience 47
- 5. Approach to Scope of Work**
 - Understanding City's Needs, Goals & Objectives 52
 - Current Workload 54
 - Additional Resources 54
 - Cutting Edge Technology 54
- 6. References** 55
- 7. Minority (MBE) Participation** 58
- 8. Subconsultants**
 - Brown & Phillips, Inc. 59
 - Sub-Consultant Licenses / Certifications 61
- 9. Required Forms**
 - a. Statement of Qualification Certification 65
 - b. Non-Collusion Statement 66
 - c. Local Business Preference (LBP) 67
 - d. Contract Payment Method 68
 - e. Sample Insurance Certificate 69



2. EXECUTIVE SUMMARY



Building Code Services
Civil Engineering / Roadway
& Highway Design
Coastal Engineering
Code Enforcement
Construction Engineering &
Inspection (CEI)
Construction Services
Data Technologies &
Development
Electrical Engineering
Engineering
Environmental Services
Facilities Management
Geographic Information
Systems (GIS)
Governmental Services
Indoor Air Quality
Landscape Architecture
Planning
Project Management
Redevelopment
& Urban Design
Surveying & Mapping
Traffic Engineering
Transportation Planning
Water / Utilities Engineering
Website Development

1800 Eller Drive
Suite 600
Fort Lauderdale, FL
33316
954.921.7781 phone
954.921.8807 fax

www.cgasolutions.com

May 18, 2017

City of Fort Lauderdale
Procurement Services Division
100 N. Andrews Avenue, 6th Floor
Fort Lauderdale, FL 33301

**RE: RFQ No: 476 -11948, Mitigation Services for Fort Lauderdale
Executive Airport**

Dear Selection Committee Member(s):

Calvin, Giordano & Associates, Inc. (CGA) is pleased to submit our Statement of Qualifications to provide **Mitigation Services for Fort Lauderdale Executive Airport**. We have reviewed the scope of services contemplated by the City, including all addenda, and have identified a project team with the necessary experience and skills to successfully complete all requested services.

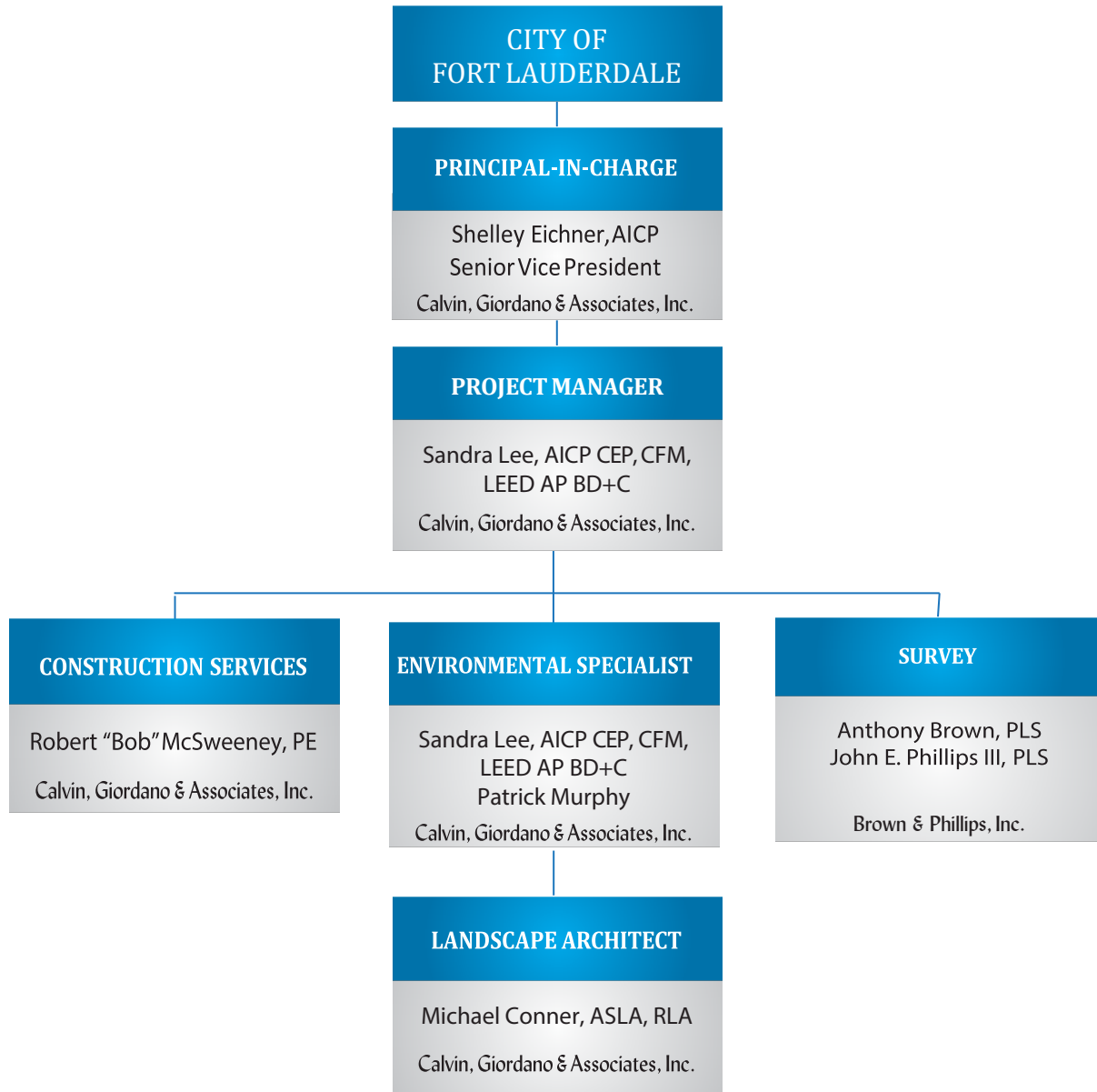
CGA is a well-established multi-disciplinary firm headquartered in Fort Lauderdale, with offices located in West Palm Beach, Miami-Dade, Clearwater/Tampa, and Port St. Lucie, and Estero. For 80 years, our firm has been providing consulting services to both private and public sector clients. CGA's mission is to provide innovative services that exceed clients' expectations.

In brief, the scope of services requests the selected firm work as an extension of the City to:

- Identify the limits of the conservation area on a tree mitigation site,
- Compiling the required documents and coordinate the recordation of the conservation easement,
- Design and oversee the improvements to the conservation area,
- Assist with bid preparation and implementation,
- Oversee and document the ongoing site improvements,
- Conduct five years of compliance monitoring, and
- Ensure compliance with all Broward County land clearing permit conditions.

Should CGA be selected to provide services under this contract, I, Shelley Eichner, AICP, Senior Vice President, will serve as the Principal-in-Charge for the proposed project, and Sandra Lee, AICP CEP, LEED AP BD+C, CFM will serve as Project Manager of the team. Our Fort Lauderdale headquarters will service this contract. Our CGA team includes professionals with extensive experience as well as our partner, Brown & Phillips, Inc., who will be providing surveying.

Principals, supervisory staff and key individuals who will be directly involved in the work under this contract are identified in the organization chart below.



Please refer to Tab 3 of our response for a detailed description of the professional staff identified above.

PRINCIPAL-IN-CHARGE	PROJECT MANAGER
Shelley Eichner, AICP Senior Vice President seichner@cgasolutions.com Office: (954) 921-7781 Fax: (954) 921-8807	Sandra Lee, AICP CEP, LEED AP BD+C, CFM Director of Environmental Planning slee@cgasolutions.com Office: (954) 921-7781 Fax: (954) 921-8807

Thank you for giving us the opportunity to respond to this solicitation. The CGA Team is fully committed to assigning the necessary manpower, expertise and attentiveness to ensure that the City meets its goals and objectives through the provision of these services.

Sincerely,
CALVIN, GIORDANO & ASSOCIATES, INC.



Shelley Eichner, AICP
 Senior Vice President



FORT LAUDERDALE EXECUTIVE AIRPORT



CITY OF FORT LAUDERDALE

3. FIRM QUALIFICATIONS & EXPERIENCE

COMPANY BACKGROUND

Calvin, Giordano & Associates, Inc. (CGA) is a multi-disciplinary firm that began as a small two person- surveying firm in Florida over 80 years ago. We have grown to over 350+ employees, adding new services and expanding geographically with offices in Fort Lauderdale, West Palm Beach, Miami-Dade, Estero, Port St. Lucie, and Clearwater/Tampa. From the beginning, much of our reputation was built on repeat business with clients from public and private sectors. Our success is reflected in the quality of work we consistently provide and also in the personal approach we take with each client. The winning combination is affirmed by our large number of repeat/ long term municipal clients. Because of our diversity, CGA can control the entire process, offering a host of professional services as a one-source partner, or efficiently tackle time-sensitive individual projects, providing customized solutions with handpicked teams of highly experienced professionals. Custom building Exceptional Solutions is the core of our business. Founded in Hollywood, our main office is now in Fort Lauderdale, within Port Everglades. CGA has strategically added an exceptionally broad range of services to meet our clients' needs.

Our professional services include:

- Environmental Services
- Landscape Architecture
- Building Code Services
- Civil Engineering/Roadway & Highway Design
- Redevelopment/Urban Design
- Coastal Engineering
- Code Enforcement
- Construction Engineering & Inspection
- Construction Services
- Government Services
- Data Technologies & Development
- Electrical Engineering
- Engineering
- Facilities Management
- Geographic Information Systems (GIS)
- Planning
- Project Management
- Surveying and Mapping
- Traffic Engineering & Transportation Planning
- Water/Utilities Engineering
- Website Development/Computer Graphics

Taking advantage of our diversified staff's experience



and knowledge is what distinguishes CGA as a professional consultant and what allows our team to repeatedly complete projects on-time, under budget and exceeding expectations while doing so. The firm's municipal experience in South Florida is enviable. We currently or previously served as consultants to many municipalities including **Sunny Isles Beach, Bay Harbor Islands, Surfside, Medley, Bal Harbor, North Bay Village, Miami Springs, Miami Beach, Cooper City, Palmetto Bay, Weston, Pembroke Pines, Miramar, Wellington, Hollywood, Davie, Dania Beach, North Miami Beach, West Palm Beach, Riviera Beach, Lake Park, Lantana, Islamorada, and Marathon in addition to Fort Lauderdale.**

Additional information and details of CGA's experience on past projects for agencies of similar size and scope, including information on our ability to meet time and budget requirements can be found on Standard Form 330 at the end of this section.

MEETING TIME & BUDGET REQUIREMENTS

At CGA it is important to provide the best end user experience for our clients by maintaining the project budget and schedule. CGA understands that communication between the team and the project manager complimented by assistance from technology and insight from experienced professionals are essential for project controls. In order to provide cutting edge services we have implemented systems company-wide that streamline processes or add value to our clients. These systems include:

- Ajera Project & Resource Management System
- Skysite, a newly implemented cloud based project management system
- Primavera and Microsoft Project scheduling software
- Leica C-10 3D Scanner, capable of obtaining 50,000 points of data per second
- In-house software development team that is capable of customizing software's to meet the ever-changing needs of our clients

We pride ourselves on obtaining and mastering new technology ahead of our competitors, which enables us to provide an *Exceptional Service* to our clients.

CGA utilizes Ajera to **manage the full project lifecycle** of each project. As one of our project management tools, the system controls all aspects of the project including accounting, project management, and resource

utilization in real-time. This system is web based allowing both internal and remotely placed employees full function capabilities via any internet connection. Central to Ajera is customizable dashboards, offering unparalleled access to the project's information at-a-glance for improved visibility and decision making. This software has integrated all the processes necessary to manage and improve the life cycle of the project which in-turn saves our client both time and money.

The system not only keeps a "live" accounting of all of our project budgets, earned to date, work in progress and estimate to complete, but it also allows Project Managers to assign and resource load our staff and projects. The CGA Team is here to serve the City of Fort Lauderdale and commit to delivering assignments on-time and within budget. The CGA Team of professionals has been hand selected to offer the available resources and the technological capabilities to serve the City in all of the tasks envisioned on this Contract. A **weekly Project Managers** meeting ensures that priorities are discussed and resources are allocated accordingly. CGA and each of the subconsultants have availability for this Contract and existing workload will not impact the needs of this Contract.

In addition to Ajera, CGA has recently purchased and implemented SKYSITE, an integrated cloud-based **construction document management solution** with an automated mobile and desktop sync. This advancement allows CGA to upload the most recent documents including full project plans to a cloud-based hosted site. SKYSITE allows the owner, contractor, inspectors and engineers to log on and mark up drawings, submit RFIs, communicate and create and respond to punch lists. This real-time collaborative tool automates and thoroughly documents project communication, RFIs and punch list items.

At CGA, a key exercise, performed in the kick-off meeting, is finalizing the schedule and identifying our key risk factors. This involves the complete team and includes each discipline and responsible team member. We focus on task critical functions based on each discipline's knowledge area. The complete involvement emphasizes schedule awareness and complete team buy-in. For example, if a potential slip in the schedule is identified, the Project Manager can address it through the project's issues and risk analysis process. Schedule changes often have downstream impacts and permitting is always a critical element.



Therefore, **CGA project managers are trained to use the schedule as a functional tool** and focus on critical task that impact the final completion timeline.

With the schedule distributed to the team, the project manager closely **tracks individual task** and updates project progress. If circumstances occur that have the potential to cause delays, the project manager is authorized to assign more resources to the project. If delays are permitting or administrative in nature, the project manager will revise the schedule considering the potential risk of continuing forward with a design without final project approval. Such a situation will be presented to the City to determine if the delayed tasks can proceed based on the anticipated outcome of the third party approvals processes.

The CGA Team understands that a schedule is intended not only for the consultant, but also for the City to coordinate their resources for reviewing submittals and for reporting to other City staff and Departments.

Project Budgets are controlled by consistent review throughout the design life of a project. Additionally, CGA's **Quality Assurance/Quality Control** process requires cross discipline and independent reviews at each milestone. At the 60% and up until bidding, the project will undergo a "**constructability**" review by the director of construction services or construction engineering inspection services, depending on the type of project.

The CGA Team's goal is to provide the City of Fort Lauderdale with a high quality project by meeting the City's schedule and budget requirements, as well as, assign the most qualified and dependable staff to carry out the work required under this Contract. The CGA Team values the importance of meeting milestone dates, review dates, and final submittal dates. Overall, the CGA team has the resources, skills, leadership and desire to deliver a successful project **on-time and within budget** to the City of Fort Lauderdale.

SUSTAINABLE BUSINESS PRACTICES

CGA provides services to public entities and private developers and has always guided our clients to the most efficient and sustainable practices; thus demonstrating our commitment to conservation. CGA encourages its employees to continue their education in the most current sustainable technologies. CGA pays for this education and certifications, and encourages

its employees to participate and be involved in civic, professional and non-profit organizations promoting sustainability and energy efficiency.

Incorporating sustainable, "Green" design into projects has become a priority for municipalities, businesses and homeowners alike. Sustainable Development is not only good for the environment but it has become essential for the responsible operation of municipalities and agencies seeking to foster greater stewardship and extend the benefits of this paradigm to the affected community.

CGA conservation initiatives include:

- Electronically transmit documents as much as feasible to reduce printing and paper use, and conduct all internal Q/C reviews electronically to avoid printing,
- Save all documents in electronic format to significantly reduce storage of hard copy files,
- Provided a pool vehicle to leave at the tri-rail station for several employees that lived in Palm Beach County and commuted to Fort Lauderdale via Tri-Rail,
- Provide efficient pool vehicles for out of office meetings and work, and encourage staff carpooling to the maximum feasible,
- Establish remote office locations to reduce travel requirements when feasible,
- All computers and monitors set to sleep mode when inactive to save energy,
- Conduct group meetings via phone conference or go to meeting as much as feasible to reduce vehicle miles travelled,
- All office waste is directed to the Reuter recycling facility for sorting and recycling,
- Provides in-office kitchen facility to reduce/eliminate out of office travel needs at lunch, and
- Replaced 70 vehicles in our Pembroke Pines facility with new more efficient vehicles.

CGA leases office space and has to the maximum feasible implemented or specified what sustainable or building efficiency measures it could to include:

- Replacing all old fluorescent fixtures throughout the office with Cree LED light fixtures,
- Replacing flooring throughout entire office with Shaw carpet tiles that are post and pre consumer recycled content, MBDC cradle to cradle certified, and 100% recyclable, and
- Requiring low flow or dual flush toilets in



restroom facility upgrades.

GUIDING OUR CLIENTS TO EFFICIENT & SUSTAINABLE PRACTICES

The City of Oakland Park, Lloyd Estates Drainage Control Project

As a component of an on-going drainage master plan project, CGA developed an innovative design solution for the implementation of a flood-control dam structure to be coupled with a bio swale with a tidal wetland landscape typology. The focus of the project was to utilize the proposed pump station site as an opportunity to create an educational pocket park focusing on green and sustainable solutions to marry drainage designs responsive to sea-level rise and tidal impacts. Together, they work to control the impending floods and serve to provide the ecologically significant benefits of tidal wetlands while increasing the holding capacity of the system. Beyond its environmental and engineering impacts, the project also utilizes the opportunity afforded by the site and its location to signal and create a gateway experience for the City, as it is on the edge of the City's boundary and along a well-transited thoroughfare.

CGA also guided our clients to efficient and sustainable practices in the following areas:

- Facilitated significant water use reduction for the Town of Surfside,
- Brought about the implementation of signal progress for more efficient traffic flow as well as the construction of roundabouts in the City of Weston,
- Conducted a tree inventory for the City of Weston

- to facilitate preservation of urban canopy,
- Worked with the City of Weston on the installation of LED street lighting,
- Worked with the City of Pembroke Pines toward the future implementation of a wastewater reuse program,
- First firm in Florida to assist our clients in implementing energy conservation measures into local comprehensive plans,
- Created Electric Vehicle Charging Station Ordinances for the City of Weston and the Town of Surfside,
- Amended the Surfside code to allow provisions for rooftop photovoltaic solar systems, and
- On the project team for the LEED Gold certified Joe DiMaggio Children's Hospital in the City of Hollywood

Our commitment to sustainability isn't only for our projects, as we also apply them to our operations and company policies. We electronically transmit documents as much as feasible to reduce paper use and conduct all of our internal Q/C reviews electronically to avoid printing. We have provided a pool vehicle for our employees that lived in Palm Beach County and commuted via Tri-Rail. We have invested in Fuel efficient Vehicles for our inspectors that are required to drive to multiple locations as a part of their work schedules. When necessary, we have also established remote office locations to reduce travel requirements.



BUSINESS STRUCTURE

Calvin, Giordano & Associates, Inc.
Corporate Headquarters:
1800 Eller Drive, Suite 600
Fort Lauderdale, Florida 33316

Tel: 954.921.7781
Fax: 954.921.8807
www.cgasolutions.com
marketing@cgasolutions.com

Date / State Incorporated	June 27, 1985, Florida
Type of Organization	Corporation
Date Authorized in Florida	1937
FEIN	65-0013869
Dunn & Bradstreet No.	044297369
Previous Company Name(s)	Authorized in Florida 1937 as M.E. Berry & Associates, Inc. Berry & Calvin, Inc., 1985 Two Oakwood Blvd, STE 120 Hollywood, Florida 33020
Officers/Directors	Dennis J. Giordano, President / CEO* Shelley Eichner, AICP, Senior Vice President* Karl Kennedy, PE, Vice President Tammy Cook, RLA, Vice President Steve Watts, PSM, Vice President Dawn Hopkins, Secretary Chris Giordano, Vice President /Treasurer <i>* Principal with signing authority</i>
Secretary of State Charter Number	M17373

Calvin, Giordano & Associates, Inc. is a registered legal entity in the State of Florida.

Relative size of the firm, including management, technical and support staff have been included in the following section, *Section 3. Firm Qualifications & Experience, Standard Form 330*



STANDARD FORM 330

A complete Standard Form 330 which demonstrates CGA's ability to satisfy all of the minimum qualifications and scope of service required, CGA's number of years of experience in providing the professional services as it relates the work contemplated by the City, and details of past projects for agencies of similar size and scope have been provided on the following pages.

**STANDARD FORM 330
ARCHITECT - ENGINEER QUALIFICATIONS**

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (*City and State*)

MITIGATION SERVICES FOR FORT LAUDERDALE EXECUTIVE AIRPORT, THE CITY OF FORT LAUDERDALE, FL

2. PUBLIC NOTICE DATE

APRIL 19, 2017

3. SOLICITATION OR PROJECT NUMBER

RFQ NO. 476 -11948

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

SHELLEY EICHNER, AICP, SENIOR VICE PRESIDENT

5. NAME OF FIRM

CALVIN, GIORDANO & ASSOCIATES, INC.

6. TELEPHONE NUMBER

954-921-7781

7. FAX NUMBER

954-921-7781

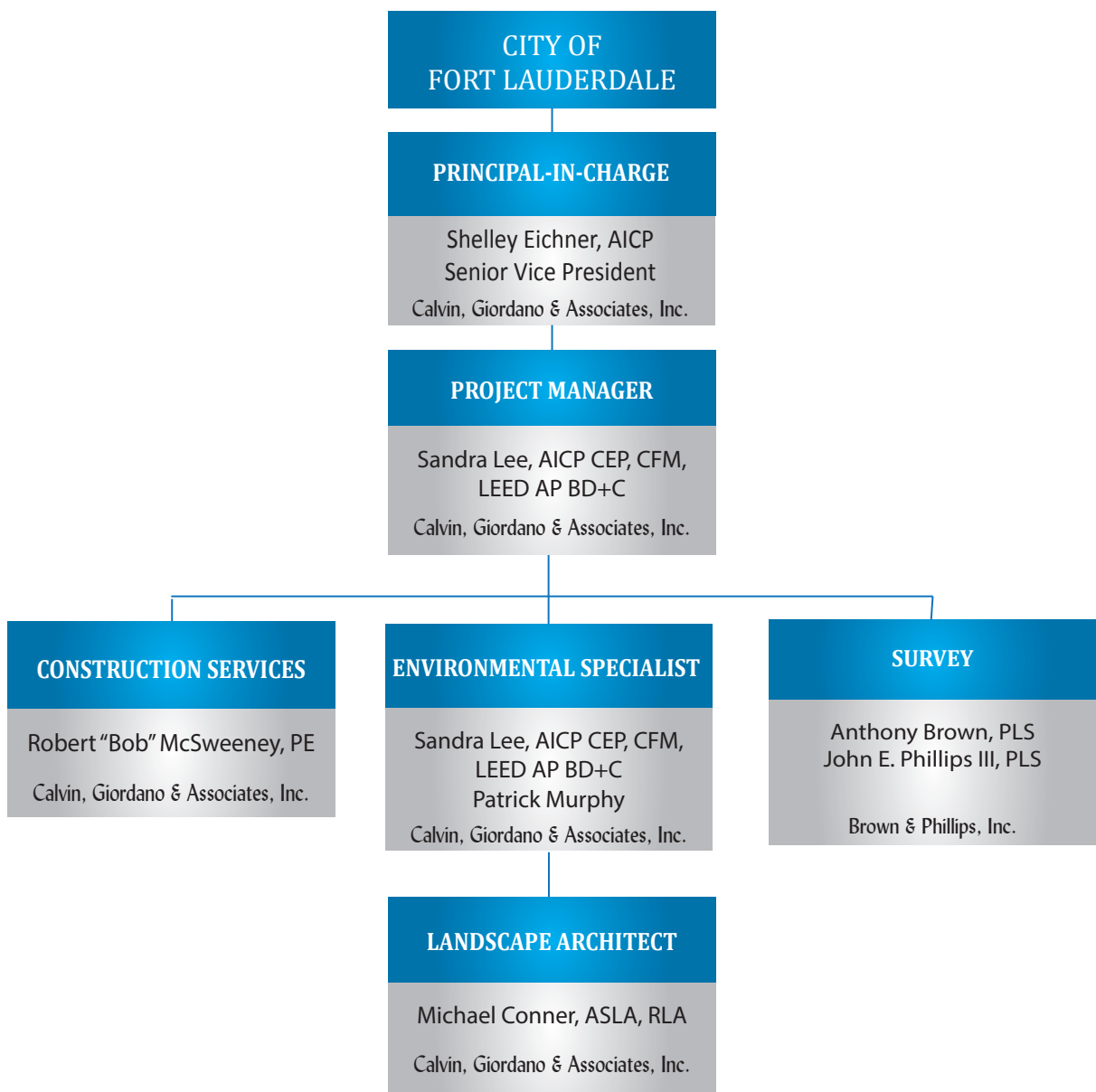
8. E-MAIL ADDRESS

MARKETING@CGASOLUTIONS.COM

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
PRIME	J-V PARTNER	SUBCONTRACTOR			
a.	X		Calvin, Giordano & Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1800 Eller Drive, Suite 600 Fort Lauderdale, FL	Environmental & Wetlands Management, Landscape Architecture, Construction
b.		X	Brown & Phillips, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1860 Old Okeechobee Road, Suite 509, West Palm Beach, FL 33409	Survey
c.			<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.			<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.			<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.			<input type="checkbox"/> CHECK IF BRANCH OFFICE		



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12 NAME SANDRA LEE, AICP CEP, LEED AP BD+C, CFM	13 ROLE IN THIS CONTRACT ENVIRONMENTAL	14. YEARS EXPERIENCE	
		a TOTAL 25	b WITH CURRENT FIRM 17

15 FIRM NAME AND LOCATION *(City and State)*
CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA

16 EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.A. BIOLOGY/ECOLOGY, MAGNA CUM LAUDE, ST. CLOUD STATE UNIVERSITY, MINNESOTA B.A. BIOLOGY/BOTANY, MAGNA CUM LAUDE, ST. CLOUD STATE UNIVERSITY, MINNESOTA	17 CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> AICP CEP, NO. 018627 LEED A.P. BD+C, NO. 10215598 CFM, NO. US-14-07579
--	--

18 OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Ms. Lee has over 25 years of professional experience and heads up CGA’s Environmental Department coordinating regulatory permitting, environmental planning, site assessment, resource management and environmental technical support services. In general, Ms. Lee provides environmental permitting services at the local, state and federal level, coordinates interagency and multi-disciplinary team efforts, provides tree mitigation plans and tree removal permitting services, conducts wetland delineations and wetland functional assessments, designs mitigation, provides bidding and construction oversight services for the construction and installation of mitigation areas, provides technical support, environmental resource management and environmental planning services to municipalities, provides benthic assessments and habit reports, and benthic mitigation plans, manages field staff conducting wildlife and habitat assessments, imperiled species surveys, and compliance monitoring. Ms. Lee also provides sustainability and floodplain management services.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Miramar Pinelands Miramar, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2002	CONSTRUCTION <i>(if applicable)</i> 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mitigation was conducted through the restoration of wetlands at the historic head of the snake creek within the Miramar Pineland Natural Area owned and managed by Broward County Park and Recreation Division. This off-site mitigation construction involved the excavation of over 2,200 cubic yards of fine sand to restore 30+ acres to historic marsh and wet prairie habitat. CGA provided bidding documents for the plant installation and site maintenance, and provided construction oversight during the construction of the mitigation site. CGA conducted the five year mitigation compliance monitoring and reporting and administering the invasive plant control maintenance contracts and oversight.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Dania Beach Basin 5 Dania Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007	CONSTRUCTION <i>(if applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm CGA designed a unique bio-swale stormwater improvement system located in mangrove habitat to benefit both the developed and adjacent natural habitats. The bio swale location was identified by Broward County as Urban Wilderness. CGA conducted the site and wetland assessments and processed permits through the ACOE, the SFWMD and Broward County. Permitting required extensive negotiation with various Divisions of Broward County including the development of an Agreement with the County and City for use of the County land, and approval by the County Commission.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Phillips Plat Mitigation Dania Beach, within Port Everglades	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(if applicable)</i> Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Developed detailed contract Agreement, Conditions and Work Scope documents for site clearing and for the construction of a mitigation area within an area designated as an Area of Local concern by Broward County. The site required the installation of flushing canals within mangrove habitat, hand clearing of invasive species and the construction of a bermed freshwater storm water management area within the mangrove habitat. Provided the bidding services, construction contract administration services and supervised the construction of the mitigation area. Provided the five year compliance monitoring, and administration of the invasive exotic plant control contract and oversight during monitoring. Continue to provide exotic plant control contract and oversight.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Pembroke Harbor Pembroke Pines, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007	CONSTRUCTION <i>(if applicable)</i> Ongoing

	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This is a 168-acre residential and commercial development project located in Pembroke Pines that required 36 acres of on-site mitigation in addition to the purchase of mitigation bank credits. CGA provided final permit coordination and permit modification services; final design of the mitigation area and provided bidding services for the installation and maintenance of the mitigation area. CGA provided construction oversight and conducted the five year compliance monitoring for this project. CGA continues to have a post-compliance oversight contract for this site.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Waterview AKA Foxcroft Miramar, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION (if applicable) Ongoing
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm CGA provided planning, site planning, landscape architecture, surveying, engineering and permitting/construction administration services to redevelop (urban infill) an approximately one 133-acre abandoned golf course into a gated 624-unit single family and garden apartment development. Services included reconfiguration of lakes and creation of 21 acres of wetland habitats including wet prairie habitat. Obtained COE, SFWMD and Broward County and local permits.		
	(1) TITLE AND LOCATION (<i>City and State</i>) City of Weston Weston, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 1998	CONSTRUCTION (if applicable) 2016
f.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided the environmental resource management and planning services to the City and the bidding services and administration of the maintenance contracts on over 2,200 acres of created and enhanced wetlands. Provided the compliance monitoring for nearly 2,000 acres of mitigation.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Lloyd Estates Drainage Improvements Oakland Park, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) Ongoing
g.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Responsible for all site assessments, designing a bio-swale stormwater overflow area, and obtaining permits through the US COE, the SFWMD and Broward County. The project involved the installation of two new outfalls, dredging, a sluice gate, and new seawalls into the Sleepy River, sovereign submerged lands. It also involved the construction of a pump station and the creation of a bio-swale/river overflow area within property adjacent to the river. Permitting challenges included close coordination with the SFWMD operations staff on project interactions with the C13 canal, and amending sovereign submerged lands leases for new dredge areas and the gate. Conducted the landscape installation inspections and final sign-off. Providing the five year compliance monitoring on the bio-swale.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Middle Beach Recreational Corridor (MBRC) Miami Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2017
h.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted site inspections and plant identifications and processed a CCCL permit through the Department of Environmental Protection. The MBRC is a two mile long paver walkway connecting the existing Miami Beach Boardwalk at Indian Beach Park to the North Beach Recreational Trail at Allison Park. The path fell on state lands on coast dune habitat. The scope of work also included coastal engineering, dune planting plans, lighting design, bidding and construction administration. The ADA-accessible beach pathway supports the use of bicycles, walking, and other non-motorized means of transportation. The MBRC project is a part of the greater Atlantic Greenway Network.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Ortanique Residential Subdivision Pompano Beach	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION (if applicable) 2011
i.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm On behalf of the City CRA obtained an ongoing Florida Fish and Wildlife Conservation Commission permit to relocate burrowing owls and collapse burrows to allow on-going site grading work to be conducted within the City owned CRA subdivision.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Blessed John XXIII Miramar, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007	CONSTRUCTION (if applicable) 2012
j.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm CGA conducted the Environmental Permitting, which included site assessments, wetland assessments and obtaining a COE, a Broward County and two South Florida Water Management District permits for the development site and an off-site mitigation area. CGA designed the off-site mitigation area, and provided bidding services and administration of the invasive exotic plant control contracts. CGA conducted the quarterly, five year compliance monitoring and reporting program on seven acres of slough, marsh, and wet prairie habitat located among other mitigation sites.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12 NAME MICHAEL CONNER, ASLA, RLA	13 ROLE IN THIS CONTRACT LANDSCAPE ARCHITECT	14. YEARS EXPERIENCE	
		a TOTAL 30	b WITH CURRENT FIRM 12

15 FIRM NAME AND LOCATION *(City and State)*
CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA

16 EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor Landscape Architecture Ball State University, Indiana B.S., Environmental Design, Ball State University, Indiana	17 CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Registered Landscape Architect FL No. LA0001181 ISA Certified Arborist, FL, No. FL0777
---	--

18 OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Mr. Conner has more than 30 years of combined experience in municipal, commercial, and private sector work. As a Registered Landscape Architect and a Certified Arborist, he is also knowledgeable in all aspects of urban and community forestry planning and tree inventory and appraisal – particularly in built-out environments in the South Florida area. His expertise lies in site planning, hardscape and landscape design. He also has successful experience in public space creation and planning, environmental mitigation, contract administration, site inspections, and grant writing. He will contribute his expertise in native planting, arborist services, and landscape construction administration for landscape projects.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	Joe DiMaggio Children's Hospital/35th Avenue Streetscape Hollywood, Florida	2010	2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided detailed hardscape and landscape design, as well as irrigation design for the new hospital. Coordinated with the Project Architect and CGA's traffic, electrical and civil engineering departments to provide design and construction administration services for the project. The project included streetscape improvements on N. 35 th Avenue, new custom bus shelters, the relocation of over 100 trees, new decorative LED light poles, an irrigation system using reclaimed water, and has received LEED accreditation at the Silver level. CGA's fees: \$375,000.		
b.	Rolling Oaks Park Miami Gardens, Florida	2012	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Designed a 1.5 mile long pedestrian trail through Rolling Oaks Park. The trail included new L.E.D. site lighting, fitness equipment, and benches. A custom-designed way-finding signage program was developed for all of the trailhead signs, directional signs, and mileage markers. The design of the trail was carefully laid out so as to not disturb the hundreds of existing like oak trees on the site. CGA's fees: \$140,000.		
c.	Lake at Royal Palm Park-Best Management Practices Oakland Park, Florida	2014	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared a study and report on the best management practices for the maintenance of a large lake adjacent to Royal Palm Park. The lake has several edge conditions, including being bordered by residential homes both with seawalls and without seawalls. The report included recommendations for future lake maintenance activities, improved communication between the City, contractor and residents, and new lake bank plantings. CGA's fees: \$7,500.		
d.	Tree Planting Master Plan Oakland Park, Florida	2015	2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Developed a master plan that identified all of the tree planting sites in the city on public lands and roadways. The plan has become the basis for budgeting in future years for tree planting. In addition, the city is requesting tree canopy trust funding from Broward County to implement Phase One of the project. The development of this plan has also led to the creation of new landscape standards for the branding of the entire city. CGA's fees: \$325,000.		

	(1) TITLE AND LOCATION <i>(City and State)</i> SR A1A/ SE 17th Street Causeway Fort Lauderdale, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(if applicable)</i> 2014
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared detailed landscape plans to implement a F.D.O.T. Broward Highway Beautification Grant to enhance the existing medians on SR A1A/ SE 17 th Street Causeway. The 1.6 mile long project included planting of specimen palms, modifications to the existing irrigation system, and extensive maintenance of traffic plans. CGA's fees: \$18,000.		
	(1) TITLE AND LOCATION <i>(City and State)</i> Mills Pond Park: Soccer/Lacrosse Fields Fort Lauderdale, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(if applicable)</i> Ongoing
f.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Developed a plan to build 3 new synthetic turf soccer and lacrosse fields at Mills Pond Park, including coordinating surveying, civil engineering, electrical engineering, site planning, landscape architecture, and all of the sub-consultants on the project. The design of the new fields will include drainage, lighting, and irrigation as well as associated parking, walkways, and landscape improvements. Construction cost is estimated at \$3.3 million, with completion scheduled for December, 2016. CGA's fees: \$379,000.		
	(1) TITLE AND LOCATION <i>(City and State)</i> NW 183rd Street – Phase II Beautification Project Miami Gardens, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(if applicable)</i> 2012
g.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared landscape and irrigation design plans for 1.78 miles of medians and frontage road swale areas along NW 183 rd Street. The project required coordination with multiple agencies and F.D.O.T. for the installation of a new irrigation system and plant material. The city received grant funding from Miami Dade County for the improvements, and the project received the "Project of the Year" award from the American Public Works Association-South Florida Chapter. CGA's fees: \$45,000		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12 NAME Patrick Murphy	13 ROLE IN THIS CONTRACT Environmental Specialist II	14. YEARS EXPERIENCE	
		a TOTAL 8	b WITH CURRENT FIRM 1.5+
15 FIRM NAME AND LOCATION <i>(City and State)</i> CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA			
16 EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelors of Science (Environmental Science)		17 CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18 OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> General Member - South Florida Association of Environmental Professionals, Certified Arborist - International Society of Arboriculture, General Member - Society of Wetland Scientist, Certified PADI Open Water Diver			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	Lloyd Estates Drainage Improvements, Oakland Park, FL	2016	Ongoing
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted weekly earthwork, and landscape installation and preservation inspections at the Lloyd Estates Drainage Improvements project. Construction involved dredging, seawall and riprap installation, preservation of mature Cypress trees, creation of a vegetated bio-swale from uplands, upland plant installation and mangrove planting. Coordinated with the contractor to ensure work was performed in compliance with issued permits and construction plans. Coordinated plant substitutions when necessary. Created final punch list for close-out and conducted final close-out inspections. Reviewed the final as-built survey for compliance. Will be conducting the five year compliance monitoring on the site, have completed the Time Zero reporting.		
b.	City of Weston Mitigation Conservation lands, Weston, FL	2015	2016
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted daily inspection within the 2,200 acres of City conservations lands to ensure the invasive plant control contractor had performed their work, and to identified other areas in need to treatment. Coordinated on a daily basis with the invasive plant control contractor and the City. Reviewed and approved the invasive plant control contractor pay application requests on behalf of the City. Tracked all treatment areas throughout the contract year to ensure all 2,200 were treated as necessary. Coordinated as needed with SFWMD or the FWS on issues that arose within the areas.		
c.	Arborist Support Services, Town of Davie, FL	2016	Ongoing
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provides arborist support services to the Town as needed. Conducted site inspection on an approximately 7 acre parcel covered with mature oaks, verified the species, DBH and condition of all native trees, and provided evaluation of the specimen trees. Also, provide a tree evaluation for a large Live Oak and a Large Laurel Oak.		
d.	Arborist Support Services, Hollywood, FL	2016	2016
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm From April through September of 2016, assisted the City by reviewing all tree removal applications for single family residences in the City. Conducted site inspections to verify species, location and condition of trees requested to be removed. Prepared report forms for City staff for application approval or denial.		
e.	Mitigation Compliance Monitoring, Pembroke Pines, FL	2015	Ongoing
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted 5 year compliance monitoring on a 31 acre mitigation site containing wetland, tree islands, hydric berms and transitional buffers. Conducted the final monitoring report and coordinated the close-out of the monitoring requirement and acceptance of close-out conditions and release of financial security. Provided contract administration for the invasive plant control contractor throughout the monitoring period and continues to provide site oversight and contract administration for the invasive plant control contractor. Recently coordinated with the Fiber optic installation contractor that inadvertently installed fiber optic lines along the upland buffer removing trees and other vegetation. Delineated the impacted area, created a remediation plan with planting details.		

f.	(1) TITLE AND LOCATION (<i>City and State</i>) Phillip Plat Mitigation, Dania Beach – Port Everglades, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) Ongoing
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provide mitigation area oversight and exotic plant control contract administration. Coordinate with the exotic plant control contractor on treatment and treatment areas, and review and approve the pay application requests. Provide ongoing services as needed such as delineating mangrove trimming areas as required by Port Security, obtaining a mangrove trimming permit and providing oversight for the trimming work.		
g.	(1) TITLE AND LOCATION (<i>City and State</i>) Florida Gas Transmission Co. LLC, Pompano, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) 2016
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted landscape installation inspection on a 26 acre site for compliance to permit conditions. Documented current condition plant, and determined if material complied with the required Grades and Standards, and required planting detail. Created punch list of needed remediation.		
h.	(1) TITLE AND LOCATION (<i>City and State</i>) MKL Boulevard Tree Appraisals, Pompano Beach - CRA, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) 2016
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted tree appraisals along the Martin Luther King Boulevard corridor from Powerline Road to the Florida Turnpike. Photo-documented the corridor and provided the City CRA with a final report.		
i.	(1) TITLE AND LOCATION (<i>City and State</i>) Storagemart Mitigation Monitoring, Pembroke Pines, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2017
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted quarterly mitigation compliance monitoring. Provided contract administration for the invasive plant control contractor throughout the monitoring period and reviewed and approved their pay application requests. Just completed the final monitoring report and are coordinating the close-out of monitoring requirements.		
j.	(1) TITLE AND LOCATION (<i>City and State</i>) Broward County Solid Waste operations Division, Broward County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007	CONSTRUCTION (if applicable) 2012
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Conducted the quarterly, compliance monitoring and reporting program for six wetland mitigation sites totaling over 300 acres around Broward County as part of the Environmental Preservation Program for Broward County Solid Waste Operations Division. These sites include Tree Tops Park, East Everglades Area, Ash Landfill site, Hacienda Flores, Riverine, and the Broward Interim Contingency Landfill. Included in the compliance monitoring services were conducting quarterly site inspections, identification of the areas requiring continued maintenance, and presenting recommendations on how to improve and continue the sustainability of all the mitigations sites.		
k.	(1) TITLE AND LOCATION (<i>City and State</i>) Riviera Isles, Miramar, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2015
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Assumed the required quarterly, five year compliance monitoring and reporting program on 51.4 acres of marsh, tree islands, slough, and transitional buffer mitigation area. Prepared recommendations to bring mitigation site back into compliance. Completed final reporting and coordinated close-out of monitoring requirements.		
l.	(1) TITLE AND LOCATION (<i>City and State</i>) Ash Monofill – FPL Relocation, Town of Davie, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION (if applicable) 2010
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Conducted weekly construction inspections of the Florida Power & Light power pole and power line relocation construction due to the expansion of the Broward County Ash Monofill facility. Coordinated with the FPL contractors to ensure all construction was performed in compliance with the environmental regulatory permits and also coordinated with Broward County Solid Waste Operations Division and FPL to ensure no wetland impacts occurred outside the footprint of the permitted impacts necessary for construction.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME ROBERT MCSWEENEY, PE	13. ROLE IN THIS CONTRACT DIRECTOR OF CONSTRUCTION ENGINEERING	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S., CIVIL ENGINEERING, FLORIDA INSTITUTE OF TECHNOLOGY, 1986		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) PE #47506, FLORIDA, CIVIL ENGINEERING	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

Mr. McSweeney’s broad background entails extensive experience with civil and environmental engineering firms providing service to both public and private sector clients in Broward, Palm Beach and Miami-Dade counties. His experience also involves construction management, continuing services contract management, FDOT construction administration and utility coordination, and plan Quality Assurance / Quality Control review(s).

As Director of Construction Engineering, he will help to ensure that all projects meet project standards and specifications for quality, and constructability. He is a team leader that can unite team members to provide a final project that is on time and within budget.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Miscellaneous Engineering Services Contract, Town of Surfside, Florida.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (if applicable) On-going
	(3) BRIEF DESCRIPTION (Briefscope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Acting Town Engineer/Engineer-of-Record for an ongoing continuing services contract providing general engineering services to the municipality. These services include Commission meeting representation, development plans review and development review meetings, Right-of-Way permit applications reviews, utility coordination, utility franchise agreement coordination, Consent Decree engineering services, and Engineer of Record construction completion certifications. Projects provided under this contract included the \$23M Town-wide utility infrastructure rehabilitation program (water, sewer, drainage, roadway resurfacing and pump stations improvements) and the Biscaya Island Drainage Improvements.		
b.	(1) TITLE AND LOCATION (City and State) Miscellaneous Engineering Services Contract, Pompano Beach, Florida.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) 2011
	(3) BRIEF DESCRIPTION (Briefscope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Contract Manager / Engineer-of-Record for a continuing services contract providing general engineering, and surveying and mapping services to the municipality on an as-needed basis. Projects provided under this contract included reclaimed/reuse water main design and construction administration, Pompano Beach Sidewalk Construction Program, facility assessment reporting, municipal pier renovation inspections, Sample McDougald House site design, Broward County/Pompano Beach Branch Library site engineering design, golf course decorative wall design, and bridge and culvert improvements.		
c.	(1) TITLE AND LOCATION (City and State) Miscellaneous Engineering/Surveying Services Contract, Deerfield Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) 2011
	(3) BRIEF DESCRIPTION (Briefscope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Contract Manager/Engineer-of-Record of a continuing services contract providing as needed general engineering, and surveying and mapping services to the municipality on an as-needed basis. Projects provided under the contract included: <ul style="list-style-type: none"> • State Road A1A ‘S’ - Curve Phase II Roadway, Utility and Beautification Project • Intersection improvement design of Goolsby and Hillsboro Boulevards, and Goolsby Boulevard roadway improvements • Intersection improvement design of Century and Hillsboro Boulevards • Main Beach Parking Lot Expansion • Cove Shopping Center Parking Lot Redevelopment 		

	(1) TITLE AND LOCATION (<i>City and State</i>) Port Everglades Cruise Terminal 4, Broward County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION (<i>if applicable</i>) N/A
d.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineering design and permitting of a parking lot expansion program including resolution of existing drainage inadequacies and overall site utility redesign. The utility improvements design included upgrading the existing stormwater management system and complete water distribution systems in addition to the redesign/reconfiguration of the overall parking area.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Downtown Davie, Davie, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2009	CONSTRUCTION (<i>if applicable</i>) N/A
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Contract Manager/Engineer-of-Record for the engineering design, permitting and construction administration for a 12-acre, light density, mixed-use (residential, retail and office development) project in Davie, Florida. Project included legal depositions and expert witness testimony towards resolving drainage issues with adjoining property.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Golden Acres Apartments, Pompano Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION (<i>if applicable</i>) 2011
f.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Contract Manager/Engineer-of-Record for this affordable housing project with 302 units completed in two phases, Golden Square and Golden Villas. Project tasks included preparation and processing of the site plan, platting, surveying, design and permitting of the water, sewer and drainage systems, roadway design and permitting, utility coordination, and construction administration services.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Oak Grove Park Miami, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (<i>if applicable</i>) 2014
g.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Administrator for the replacement of four (4) asphalt tennis courts, new water service including water fountain(s), court fencing and lighting, drainage and irrigation improvements, and additional landscaping while maintaining access to the facility.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Hallandale N.E. Quadrant Drainage Improvements, Hallandale Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION (<i>if applicable</i>) 2013
h.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Administrator for a neighborhood-wide drainage system modification and enhancements. The complex system included installation of additional Right-of-Way drainage / conveyance system(s) interconnecting with existing R/W drainage systems, construction of multiple (15) pressurized drainage wells, construction of two (2) SCADA controlled drainage pump stations with stand-by generators, relocation / replacement of conflicting existing utilities, and the construction of a drainage force main.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Weston Drainage Improvements, Weston, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (<i>if applicable</i>) 2013
i.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Administrator for multiple lake-interconnect culvert installations, Right-of-Way drainage system enhancements and additional installations in multiple areas of the Indian Trace Community Development District. This project was partially funded in association with FEMA grant funding.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Meadowbrook Community / Dania Beach S.E. Drainage Improvements (Phase 1), Dania Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (<i>if applicable</i>) 2015
j.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Administrator for a drainage pump station and force main replacement project involving pump, motor and intake replacement; upgrading of instrumentation and controls; and replacement of the drainage force main. Other improvements included outfall replacements, and minor street drainage system improvements / modifications.		

k.	(1) TITLE AND LOCATION (<i>City and State</i>) College Avenue Roadway Improvements (Phase 1), Davie, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (<i>if applicable</i>) 2014
	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Administrator for the reconstruction and expansion of a local collector roadway situated in an educational corridor serving multiple schools of higher education. The roadway expansion project involved the replacement of the drainage system, utility adjustments, roadway widening, sidewalk construction, and landscaping while maintaining vehicular and pedestrian access to the existing educational facilities and colleges.		
l.	(1) TITLE AND LOCATION (<i>City and State</i>) Emerald Estates Park, Weston Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (<i>if applicable</i>) 2013
	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Administrator for significant park modifications including concrete walkways and par course stations, parking lot and drainage system, basketball court, site furnishings, landscaping and irrigation.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <p style="text-align: center;">1</p>
21. TITLE AND LOCATION <i>(City and State)</i> Phillips Industrial Park Plat, Port Everglades, Dania Beach Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES <p style="text-align: center;">2008- Ongoing</p> CONSTRUCTION <i>(If applicable)</i>	

23. PROJECT OWNER'S INFORMATION

b. PROJECT OWNER Stiles Development Company	b. POINT OF CONTACT NAME Scott MacLaren	c. POINT OF CONTACT TELEPHONE NUMBER 954-627-9169
---	---	---

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

The Phillips Industrial Park Plat project involved the reconstruction of a tank farm, and the construction of a Park N'Go facility located within Port Everglades to serve the Port and the International Airport. Two separate developers were involved and the project required the restoration of an 8.6 acre mangrove habitat designated by the Broward County Board of County Commissioners as a Local Area of Particular Concern. CGA developed detailed contract Agreement, contract Conditions and Work Scope documents for site clearing and for the construction of the mitigation area. Mitigation construction was within a mature but degraded mangrove habitat, which required some mechanical clearing of the invasive vegetation and some hand clearing. Flushing channels were installed to improve flow within this tidally influenced habitat. Mitigation also required the construction of a bermed, freshwater stormwater management area within the mangrove habitat. CGA provided the bidding services, construction contract administration services, and supervised the construction of the mitigation area. CGA also conducted the quarterly, five year compliance monitoring and reporting program on the mitigation area and administers the invasive exotic plant control contracts. CGA provided permit transfer and permit close-out services for this project as well as facilitated the transfer of existing contracts to an alternate corporate entity. CGA continues to have a post-compliance monitoring oversight contract for this site.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE Contract Administration, Construction Oversight, Wetland Mitigation, Compliance, Monitoring, Permit Transfer, Permit Close-Out
a.	Calvin, Giordano & Associates, Inc.	Fort Lauderdale, Florida	
b.			
c.			
d.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION <i>(City and State)</i> Wetland Mitigation Compliance Monitoring and Reporting	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 1999- Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

b. PROJECT OWNER Various, See below	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
---	--------------------------	--------------------------------------

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

Increment III, Weston: Conducted the quarterly, five year compliance monitoring and reporting program on 1,535 acres of sawgrass marsh, tree island, constructed refugia, and lake-shelf habitat, documented utilization by a wide variety of wildlife including the federally listed Snail Kite.

Pembroke Falls, Pembroke Pines: Conducted the quarterly, five year compliance monitoring and reporting program on 203.69 acres of forested wetland, marsh, hammock, and open water with documented Wood Stork utilization.

Memorial Hospital, Miramar: Conducted the quarterly, five year compliance monitoring and reporting program on 51.08 acres containing slough, marsh, wet prairie, and tree island habitat; documented utilization by flamingos.

Isles at Weston, Weston: Conducted the quarterly, five year compliance monitoring and reporting program on 64.55 acres of marsh containing shallow channels and hydric islands which also contains an archaeological site.

Berman Preserve, Davie: Conducted the quarterly, five year compliance monitoring and reporting program on 28.4 acres of marsh, tree islands, slough, forested uplands, and forested wetlands.

Blessed John XXIII Religious Facility, Miramar: Conducted the quarterly, five year compliance monitoring and reporting program on 6.72 acres of slough, marsh, and wet prairie habitat located among other mitigation sites.

Pembroke Harbor, Pembroke Pines: Conducted the quarterly, five year compliance monitoring and reporting program on 31.2 acres of wetland containing emergent marsh, tree islands, and open water with a hydric berm separating the mitigation from an adjacent drainage canal.

Miramar Pinelands: Conducted the quarterly, five year compliance monitoring and reporting program on 31.9 acres of wetland creation located on Broward County Park land at the historic head of the Snake Creek slough, contains open water and wet prairie habitat.

Phillips Plat, Port Everglades: Conducted the quarterly, five year compliance monitoring and reporting program on 8.6 acres of tidally influenced mangrove habitat recognized as a Local Area of Particular Concern by Broward County.

Maple Ridge: Conducted the quarterly, five year compliance monitoring and reporting program on 1.7 acres of Red Maple swamp with a dense fern under story located in an urban setting.

Verizon: Conducted the quarterly, five year compliance monitoring and reporting program on 1.55 acres comprised of marsh habitat and tree islands.

Storagemart: Conducted the quarterly, five year compliance monitoring and reporting program on a 1 acre site comprised of hydric islands, a shallow channel and marsh habitat.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	Calvin, Giordano & Associates, Inc.	Fort Lauderdale, Florida	Wetland Mitigation, Compliance Monitoring and Reporting
b.			
c.			
d.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION <i>(City and State)</i> DANIA COVE PARK Dania Beach, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> 2011

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Dania Beach	b. POINT OF CONTACT NAME Kristen L. Jones, MS	c. POINT OF CONTACT TELEPHONE NUMBER (954) 924-6800
--	---	---

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



CGA developed a waterfront park design on an archeologically significant site in the City of Dania Beach; the site, which contains a scenic mangrove cove, is located along the Dania Cut-off canal. The park design features waterfront elements, including a fishing dock and platform, picnic pavilions and an exercise path for the park users. Native plantings were used to eliminate the park's need for permanent irrigation, and plants were selected for their educational opportunities including highlighting the butterfly attracting varieties. The project scope included designing the site amenities to preserve and highlight the remnant Oak Hammock; designing a stabilization system for the shoreline embankment along with vegetating the shoreline (before and after pictures shown above); designing informational kiosks featuring the historic Native American midden and the site's natural resources; and obtaining all required permits for the installation of the site features. A State and a County Grant were provided to assist in the project costs. The scope also included coordinating with the County and State on gaining approval for the site design, tracking all expenditures and processing and obtaining all grant funds for the City, and closing out the grants and permits.

Construction Cost: \$537,000

Firm's Fees: \$103,000 (Entire Project), \$42,675 (Environmental Graphics, Grant Administration and ERP permitting)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Calvin, Giordano & Associates, Inc.	Fort Lauderdale, Florida	Prime
b.			
c.			
d.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4
21. TITLE AND LOCATION (City and State) Oak Grove Park, Large Tree Relocations North Miami, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

b. PROJECT OWNER Miami-Dade Parks	b. POINT OF CONTACT NAME Fernando Marquez, RA, LEED AP	c. POINT OF CONTACT TELEPHONE NUMBER 305-755-7847
--	---	--

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

Oak Grove Park in North Miami is one of the older communities in Miami Dade County and is known for its majestic Oak Tree canopy. Oak Grove Park located at 690 NE 159th Street in North Miami and is one of the most highly utilized parks in the area. CGA provided professional services to develop two new tennis courts, expand the fitness trails and adding pedestrian lighting. At the site of two existing tennis courts a new recreation building is planned to be built, thus the tennis courts had to be redeveloped elsewhere in the heavily oak canopied park. In order to locate the new courts several existing large Oak trees and Gumbo Limbo trees had to be relocated. The Oaks were in excess of 30 inch caliper trees which were 30 feet high and had in excess of 35 feet spread. These trees were moved with a mammoth 450 ton crane and hoisted to new locations within the park site. The success of these relocations has been recognized throughout the Miami Dade Parks, Recreation and Open Spaces as a pioneering effort. These relocations were the largest trees ever moved within the County and the preservation of these historic marvels is nothing short of astonishing. CGA provided the specifications, oversight and permitting for this specialized tree preservation work.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Calvin, Giordano & Associates, Inc.	Fort Lauderdale, Florida	Landscape Architecture, Civil Engineering, Surveying Electrical Engineering, Construction Services
b.			
c.			
d.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION <i>(City and State)</i> PEACE MOUND PARK WESTON, FLORIDA	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION		
e. PROJECT OWNER CITY OF WESTON	b. POINT OF CONTACT NAME DENISE BARRETT DIRECTOR OF COMMUNICATIONS	c. POINT OF CONTACT TELEPHONE NUMBER (954) 385-2000

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

The impetus for the project lied in addressing existing ADA accessibility issues and bringing the park up to the same high standards of other parks in the city. Another major concern during the design of the project was the preservation of the existing tree canopy and the shaded, passive feeling of the park. Due to the significant amount of re-grading that was necessary in order to make the park ADA accessible, 85 of the nearly 500 existing trees had to be removed, and another 120 trees were relocated on site. To offset this loss, however, 150 new trees have been planted, including 18 specimen Live Oak trees. All of the walkways throughout the park are now accessible by wheelchair, and in many cases, this is made possible through the use of decorative stone retaining walls, which allowed for the preservation of the many existing mature trees within the park. The existing tot lot and swings have been replaced with a new play area that includes play equipment for children of all ages and physical abilities. The main play structure is completely accessible by children in wheelchairs, with a ramp leading up to the main platforms.

Another major feature of the park is that it contains a significant archeological site with artifacts from the Tequesta Indians. Throughout the course of the project, care was taken not to disturb this area, and 8 new bronze plaques with information on the history of the area have been inlaid in the walkways that surround it.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Calvin, Giordano & Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Park Master Planning, Landscape Design, Irrigation Design, Arboricultural Services, Civil Engineering, Electrical Engineering
b.			
c.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION <i>(City and State)</i> Rolling Oaks Park – Pedestrian Trail Project Miami Gardens, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2014

23. PROJECT OWNER'S INFORMATION

b. PROJECT OWNER City of Miami Gardens	b. POINT OF CONTACT NAME Anthony Smith	c. POINT OF CONTACT TELEPHONE NUMBER (305) 622-8000 Ext. 2803
--	--	---

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

Calvin, Giordano & Associates, Inc. was contracted by the City of Miami Gardens to design a pedestrian trail within Rolling Oaks Park and to provide a safe route through the surrounding neighborhood to connect the new trail in the park to an existing walking trail in the Dolphin Center Park located three quarters of mile away. The design for the trail included new outdoor fitness stations, seating areas, and LED site lighting. A study was conducted by CGA to determine the best route for the walkway through the neighborhood and what improvements would be needed. New crosswalks were added along with a solar powered, on-demand pedestrian crossing signal where the trail leaves the park. A custom-designed way-finding signage program was developed for all of the trailhead signs, directional signs, and mile markers. This afforded the City of Miami Gardens a unique opportunity for branding within the community. Besides determining the best route through the neighborhood, the CGA team had to carefully plan the route for the trail through the park so as to not disturb the hundreds of existing Live Oak trees on the site.

Using GPS technology, the CGA team worked out the best route for the trail in the field, and then returned to the office to translate those points into the final alignment for the pathway. In addition, the existing drainage permit for the site had to be modified for the trail improvements. These new drainage facilities also had to be carefully planned to avoid removing any trees. CGA also provided construction administration services for the project, which was completed in November, 2014. CGA's landscape architecture team provided detailed site layout plans, site furnishings plans, and way-finding signage design for the project, and also coordinated with the engineers on the lighting, roadway improvements, and parking design.

CGA's fees: \$140,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Calvin, Giordano & Associates, Inc.	Fort Lauderdale, Florida	Prime
b.			
c.			
d.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION <i>(City and State)</i> EMERALD ESTATES PARK WESTON, FLORIDA	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION		
d. PROJECT OWNER CITY OF WESTON	b. POINT OF CONTACT NAME DENISE BARRETT DIRECTOR OF COMMUNICATIONS	c. POINT OF CONTACT TELEPHONE NUMBER (954) 385-2000

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

In 2012 the City of Weston requested that CGA prepare several design options for expansion of the parking area at Emerald Estates Park along with other enhancements. These improvements were in response to the popularity of two existing picnic shelters and the lack of parking for them, as well as a lack of lighting in the park at night. In addition, all of the walkways were replaced, new seating areas were created, and new fitness equipment was provided. CGA provided site design, civil engineering, electrical engineering, landscape and irrigation design, and construction administration services for the project. There were several trees and palms on the site, which were worthy of preservation or relocation. The landscape architecture team worked closely with the civil engineers to site the new parking areas and drainage facilities in such a way so as to preserve as many trees as possible. The resulting effect is that the new improvements to the park look as if they have been there for many years. Furthermore, the new seating and fitness station areas afford many more views to the surrounding lake than previously existed. This has greatly enhanced the user experience of all of the visitors to the park.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Calvin, Giordano & Associates	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Surveying, Landscape Architecture Irrigation Design, Civil Engineering Electrical Engineering, Construction Administration
b.			
c.			
d.			

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE



b. DATE

5/17/2017

c. NAME AND TITLE

SHELLEY EICHNER, AICP, SENIOR VICE PRESIDENT

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME CALVIN, GIORDANO & ASSOCIATES, INC			3. YEAR ESTABLISHED 1937	4. DUNS NUMBER FEIN 65-0013869
2b. STREET 1800 ELLER DRIVE SUITE 600			5. OWNERSHIP a. TYPE CORPORATION	
2c. CITY FORT LAUDERDALE	2d. STATE FL	2e. ZIP CODE 33316		
6a. POINT OF CONTACT NAME AND TITLE SHELLEY EICHNER, AICP, SENIOR VICE PRESIDENT			7. NAME OF FIRM	
6b. TELEPHONE NUMBER (954) 921-7781	6c. E-MAIL ADDRESS MARKETING@CGASOLUTIONS.COM			
8a. FORMER FIRM NAME(S) (If any) M.E. BERRY & ASSOCIATES/BERRY & CALVIN, INC.			8b. YR. ESTABLISHED 1937/1985	8c. DUNS NUMBER 044297369

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
02	Administrative	65			Codes; Standards, Ordinances	1
10	Chemical Engineers	1			Construction Management	4
12	Civil Engineers	26			Cost Estimating	4
15	Construction Inspector	15			Educational Facilities	3
21	Electrical Engineers	3			Environmental Impact Studies, Assessments or Statements	4
39	Landscape Architects	4			Highways; Streets; Airfield Paving; Parking Lots	4
47	Planners: Urban/Regional	10			Hospital & Medical Facilities	4
52	Sanitary Engineers				Irrigation; Drainage	6
	Permitting Specialists	26			Landscape Architecture	4
38	Surveyors	2			Office Building; Industrial Parks	3
60	Transportation Engineers	3			Planning (Community, Regional Area-wide & State)	4
08	Computer CADD Technicians	5			Planning (Site, Installation, and Project)	7
38	Field Surveyors	16			Sewage Collection, Treatment and Disposal	4
29	GIS/Data Technology Specialists	10			Surveying: Platting; Mapping; Flood Plain Studies	8
	Code Enforcement Specialist	29			Storm Water Handling & Facilities	6
24	Environmental Specialists	2			Traffic & Transportation Engineering	3
24	Environmental Field Crew				Urban Renewals; Community Development	4
39	Landscape Designers / Inspectors	8			Water Supply; Treatment and Distribution	8
07	Biologist(s)/Indoor Air Quality	1			Zoning; Land Use Studies	3
	Building Department	67				
	Other Employees	69				
Total		360				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	0	1. Less than \$100,000	6. \$2 million to less than \$5 mil	7. \$5 million to less than \$10 mil	8. \$10 million to less than \$25 mil
b. Non-Federal Work	8	2. \$100,000 to less than \$250,000	9. \$25 million to less than \$50 mil	10. \$50 million or greater	
c. Total Work	8	3. \$250,000 to less than \$500,000	4. \$500,000 to less than \$1 mil	5. \$1 million to less than \$2 mil	

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 05/17/2017
---	------------------------------

c. NAME AND TITLE
Shelley Eichner, AICP, Senior Vice President

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

Mitigation Services for Fort Lauderdale Executive Airport, Parcel 21B

2. PUBLIC NOTICE DATE

May 16, 2017

3. SOLICITATION OR PROJECT NUMBER

476-11948

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Anthony Brown, CEO

5. NAME OF FIRM

Brown & Phillips, Inc.

6. TELEPHONE NUMBER

561-615-3988

7. FAX NUMBER

561-615-3991

8. E-MAIL ADDRESS

tony@brown-phillips.com

C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

	(Check)				9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	PARTNER	SUBCON-TRACTOR			
a.			✓		Brown & Phillips, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1860 Old Okeechobee Road Suite 509 West Palm Beach, FL 33409	Surveyor
b.					 <input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.					 <input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.					 <input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.					 <input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.					 <input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Anthony Brown, PLS	13. ROLE IN THIS CONTRACT Principal/Administrator	14. YEARS EXPERIENCE	
		a. TOTAL 35	b. WITH CURRENT FIRM 24

15. FIRM NAME AND LOCATION <i>(City and State)</i> Brown & Phillips, Inc. West Palm Beach, FL 33409

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> College of Arts, Science and Technology – Jamaica Diploma of Land Surveying 1981	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida Professional Land Surveying #4977
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Congress of Surveying and Mapping (ACSM) Florida Land Surveyors Council

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
Santaluces High School Drainage Evaluation Topographic Survey Lantana, FL	2013	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Brown served as lead surveyor for this drainage evaluation project which involved preparing topographic surveys in order to determine the cause of flooding in neighboring property. Cross sections and soundings were obtained on drainage ditches/swales and on 2600'± of canals. Asbuilt data was obtained on all storm structures. The survey also included obtaining the finished floor elevation of neighboring houses and the centerline road elevations, along with onsite trees being located.	Check if project performed with current firm <input checked="" type="checkbox"/>	
Burt Reynolds Park - West Side Expansion Jupiter, FL	2013	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Brown served as lead surveyor for this project which included boundary, tree and topographic surveys, necessary for the design and permitting for the boat parking expansion and modifications to the west side of the park. The survey also included locating the Mean High Water Line and showing it on the survey drawing. The survey was performed to meet the Florida Minimum Standards of Practice. The survey drawing showed all above-ground features including the existing building with dimensions and finish floor elevations, drainage asbuilts, property lines, easements and benchmarks. All trees 4 inches in diameter or larger were located and shown on the survey drawing as well.	Check if project performed with current firm <input checked="" type="checkbox"/>	
Military Trail and 10th Avenue North Roadway Design Survey Lake Worth, FL	2013	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Brown served as lead surveyor for this project for the design of a right turn lane on the southbound approach. Using Palm Beach County horizontal control, the right of ways for Military Trail and 10 th Avenue North were established. A baseline was laid out for the 500'± route and benchmarks and reference points were set. All visible above ground features were tied in including the mast arms at all four corners of the intersection. Cross sections were done along the route at 100' intervals and at inlet locations and high points. Utilizing the elevations obtained, a TIN file was prepared. Asbuilt data was obtained on all pipes and drainage structures.	Check if project performed with current firm <input checked="" type="checkbox"/>	
Seaview Park Palm Beach, FL	2016	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Brown served as lead surveyor for this project which was a boundary & topographic survey for a 4.5 acre park site for the design of a new recreational center. The survey included locating all above-ground features, including existing tennis courts, parking lot and trees. Cross sections were performed on a 100' grid. Asbuilt data was obtained for all storm and sanitary sewer structures within the limits of the survey.	Check if project performed with current firm <input checked="" type="checkbox"/>	
Airport Road Widening Topographic Survey Boca Raton Airport Boca Raton, FL	2013	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Brown served as lead surveyor for this project which was a topographic survey to support the Landside Improvements Project Definition for the Boca Raton Airport. All work was in conformance with Florida Minimum Technical Standards with horizontal and vertical accuracy per FGDC Standards. A complete topographic survey was performed and all above ground features were tied in. Cross sections were done along the 1,500'± route at 100' intervals from right-of-way to right-of-way extending to 25' outside of the right-of-way. Adbuilt data was obtained on drainage structures including rim, invert and pipe material.	Check if project performed with current firm <input checked="" type="checkbox"/>	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME John E. Phillips III	13. ROLE IN THIS CONTRACT Principal/Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 24

15. FIRM NAME AND LOCATION <i>(City and State)</i> Brown & Phillips, Inc. 1860 Old Okeechobee Road, Suite 509, West Palm Beach, FL 33409
--

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> University of Florida Bachelor of Science Surveying and Mapping 1985	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida Professional Land Surveying #4826
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Florida Surveying and Mapping Society Florida Land Surveyors Council

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> PBI Golfview Infrastructure Palm Beach International Airport West Palm Beach, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If Applicable)</i>

(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Phillips served as project manager for this project which involved performing a topographic survey for the preliminary design of infrastructure in the Golfview Development Area north of Taxiway A, west of Taxiway F, and east of Military Trail. The topographic survey was performed to Florida Minimum Technical Standards, survey tolerance, Horizontal and Vertical Datum (NAD 83/90 and NAVD 88). The survey was performed at two tenths of a foot contour interval and the final drawings were provided to the engineer in AutoCAD format.	Check if project performed with current firm <input checked="" type="checkbox"/>
---	--

(1) TITLE AND LOCATION <i>(City and State)</i> Water Treatment Plant No. 9 Palm Beach County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If Applicable)</i>

(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Phillips served as project manager for this project which consisted of a boundary survey, lot combination and topographic survey. The boundary survey was prepared to meet Florida minimum technical standards. A lot combination survey was prepared which consisted of a reduced sized survey to meet Palm Beach County requirements showing the proposed lot configuration and updated title information. Lot combination survey documents were submitted to Palm Beach county in accordance with State and County criteria. A complete topographic survey was also performed tying in all above ground features and included 100' cross sections and spot elevation shots.	Check if project performed with current firm <input checked="" type="checkbox"/>
--	--

(1) TITLE AND LOCATION <i>(City and State)</i> Western 30" Force Main By-Pass West Palm Beach, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If Applicable)</i>

(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Phillips served as project manager for this project which was a force main topographic survey along Lyons Road/Sansbury's Way from Okeechobee Boulevard to Forest Hill Boulevard. Cross sections were performed along the route at 100' intervals and asbuilt information was obtained on storm and sanitary sewer structures and trees were located. The project included utility coordination and preparation of legal descriptions and sketches. Also, a topographic survey was prepared to meet the requirements of Lake Worth Drainage District.	Check if project performed with current firm <input checked="" type="checkbox"/>
---	--

(1) TITLE AND LOCATION <i>(City and State)</i> Waterway Park Plat Jupiter, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If Applicable)</i>

(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Phillips served as project manager for this platting project which involved preparing and submitting plat documents to Palm Beach County for this County Park located in Jupiter. Title packages were reviewed. A boundary survey was prepared to match the plat. PRM's (40±) and tract boundary corners (20±) were set as required by State/County regulations for plat recordation. The photographs show the efforts involved in setting the monuments in the heavily wooded area. Plat reviews and approvals were coordinated. Legal descriptions and sketches were prepared for four areas under a Conservation Easement.	Check if project performed with current firm <input checked="" type="checkbox"/>
---	--

(1) TITLE AND LOCATION <i>(City and State)</i> SFWM STA 2 Supply & Inflow Canal Palm Beach County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If Applicable)</i>

(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Phillips served as the project manager for this project. Brown & Phillips established a baseline along the STA 2 Supply & Inflow Canal then performed 56 soundings across canal from top-of-bank to top-of-bank (approximately 250' wide) at approximately 1,000' intervals. A continuous canal centerline profile was established from downstream of S6 pump station to structure G-337A. All structures along the canal were located and manual sediment probing of the canal bottom was performed for all the cross sections. A survey drawing depicting the cross sections was prepared along with a report summarizing the survey work effort and canal evaluation results.	Check if project performed with current firm <input checked="" type="checkbox"/>
--	--

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
 1

21. TITLE AND LOCATION *(City and State)*

Waterway Park Plat
 Jupiter, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>
-------------------------------	-------------------------------------

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Palm Beach County

b. POINT OF CONTACT NAME

Tery Glunt, C3TS

c. POINT OF CONTACT TELEPHONE NUMBER

561-487-3379

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

Plat documents were prepared and submitted to Palm Beach County for this 35+ acre County Park located in Jupiter. Title packages were reviewed. A boundary survey was prepared to match the plat. PRM's (40±) and tract boundary corners (20±) were set as required by State/County regulations for plat recordation. The photographs show the efforts involved in setting the monuments in the heavily wooded area. Plat reviews and approvals were coordinated. Legal descriptions and sketches were prepared for four areas under a Conservation Easement.

\$17,835.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.			
b.			
c.			
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
2

21. TITLE AND LOCATION <i>(City and State)</i> Burt Reynolds Park West Side Expansion Jupiter, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Palm Beach County	d. POINT OF CONTACT NAME Jeff Trompeter, Civil Design	e. POINT OF CONTACT TELEPHONE NUMBER 561-659-5760
--	---	---

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

Brown & Phillips performed a boundary, topographic and tree survey, which was required by Palm Beach County for design and permitting for the proposed boat parking expansion and modifications to the west side of the park. The survey also included locating the Mean High Water Line and showing it on the survey drawing. The survey was performed to meet the Florida Minimum Technical Standards. The survey drawing showed all above-ground features including the existing building with dimensions and finish floor elevations, drainage asbuilts, property lines, easements and benchmarks. All trees 4 inches in diameter or larger were located and shown on the survey drawing as well. Currently, Brown & Phillips is providing construction staking and record drawing services for the construction phase of this project.
 \$22,551.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.			
b.			
c.			
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
3

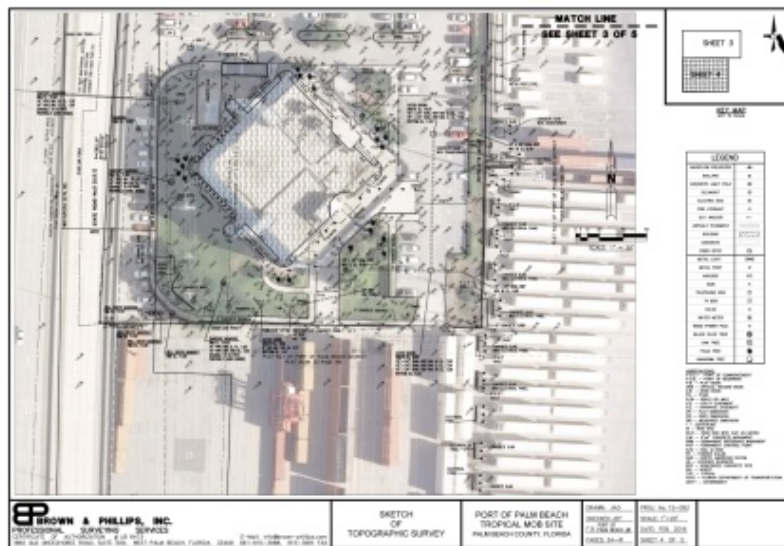
21. TITLE AND LOCATION <i>(City and State)</i> Port of Palm Beach – Tropical Shipping MOB Site Riviera Beach, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

e. PROJECT OWNER Port of Palm Beach District	f. POINT OF CONTACT NAME Patrick Meeds, Wantman Group	c. POINT OF CONTACT TELEPHONE NUMBER 561-687-2220
---	--	--

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*
 Brown & Phillips performed a topographic survey for the Tropical Shipping MOB Lease Parcel. The survey included locating all surface features, performing cross sections on a 50' grid inside the entire site and extending beyond the property line for 50'. Asbuilt data was obtained on catch basins and manholes including size, direction and material of the pipes in each structure. The flagged underground utilities were located and shown on the survey as well as the existing reefer plug pedestals that are located outside of the boundary. In addition, the bridge overhang was located.

A legal description & sketch was prepared for the Tropical Shipping MOB Lease Parcel based on record ownership data and information provided by the Port of Palm Beach District. The legal description & sketch produced showed the underlying aerial photo for the site and contained the square footage of the lease area. In the field, we flagged and set all thirteen corners of the lease area referenced on the legal description & sketch.
 \$9,120.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.			
b.			
c.			
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT
(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER
4

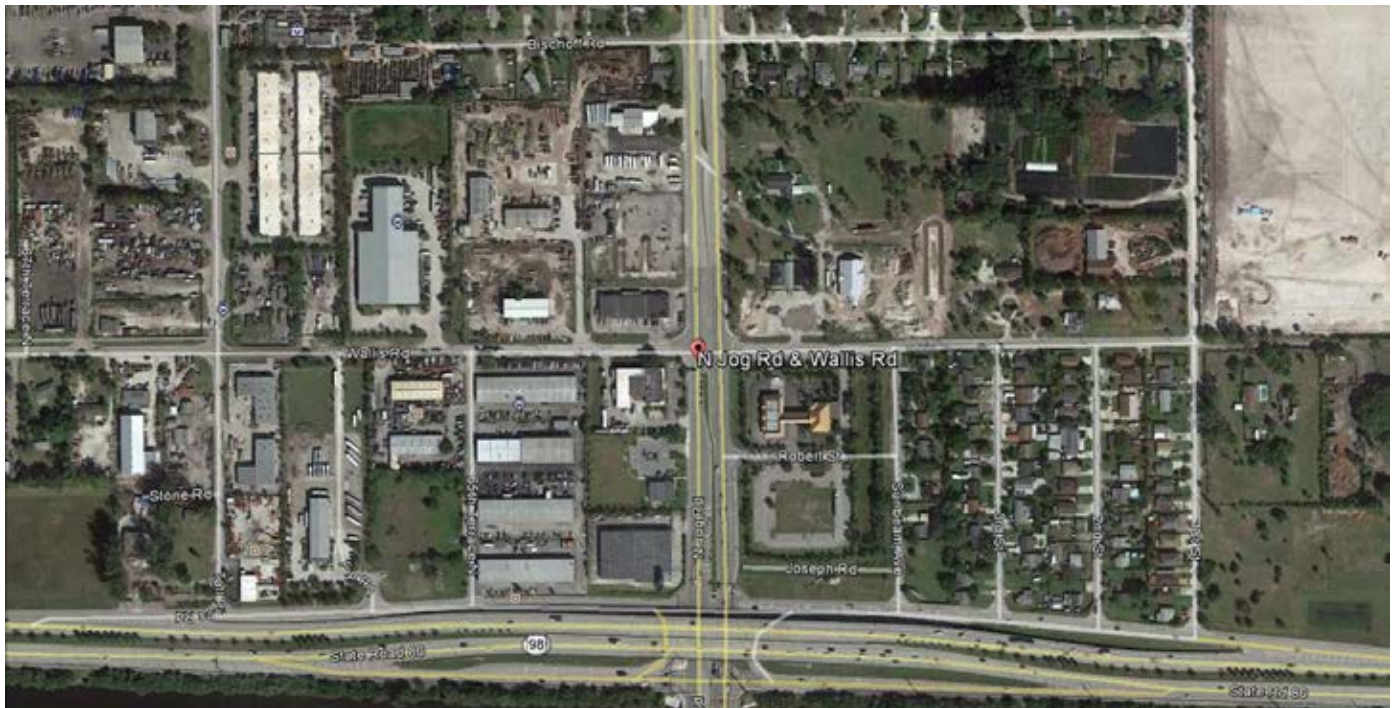
21. TITLE AND LOCATION <i>(City and State)</i> Jog Road and Wallis Road 8" Force Main – Right of Way & Easement Staking Palm Beach County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Palm Beach County	b. POINT OF CONTACT NAME Henry Melendez	c. POINT OF CONTACT TELEPHONE NUMBER 561-493-6120
--	---	---

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*
 Brown & Phillips established a horizontal control network using Palm Beach County sectional and geodetic monuments. Additional traverse points were set to enable the laying out of the easement and location of utilities. Using information from Palm Beach County Water Utilities Department, we laid out the limits of the easement and asbuilt the existing storm structures in the area of the force main. Upon completion of the newly constructed force main, we obtained elevations and location on pipe line and plotted it as an overlay on the proposed digital file, for comparison and approval purposes.

\$3,104.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

H. Additional Information

Brown & Phillips, Inc., a Small/Minority Business Enterprise (SBE/MBE), was founded in March 1993 to provide professional land surveying services to clients in the public and private sectors. The firm provides a full range of land surveying services which include legal descriptions, boundary surveys, topographic surveys, hydrographic surveys, tree surveys, construction layout, condominium documents, record drawings, expert witness testimony, GPS surveying and all facets of platting.

The firm is certified as a Small/Minority business by the Florida Statewide Office of Supplier Diversity; the South Florida Water Management District; the School District of Palm Beach County, Broward County and Miami-Dade County; the City of West Palm Beach; and the Palm Beach County Departments of Engineering, Facilities, Department of Airports and PalmTran. We are certified as a Disadvantaged Business Enterprise by the Florida Department of Transportation and by the Miami-Dade County Department of Business Development.

The firm is staffed by three Florida registered Professional Land Surveyors. All of the firm's professional land surveyors are graduates of formal Land Surveying programs.

The firm currently employs nine people and has up to three fully equipped survey crews. Among the firm's resources are an airboat and a 15' aluminum "Jon" boat which are used for performing soundings and hydrographic cross sections; three all-terrain vehicles, Topcon total stations; data collectors with TDS software and Topcon GPS Equipment.

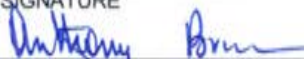
The firm also possesses six computers connected to a fully integrated network system on which it runs its Autocad Civil 3D 2016, TDS Survey Link, word processing, and project management software. The firm has an excellent record in providing surveying services to support land and right-of-way acquisitions and road, utility, drainage, and building construction projects for clients in the public and private sector. Since its founding, the firm has performed land surveying assignments for the Florida Department of Transportation; the Palm Beach County Departments of Engineering, Capital Improvements, Water Utilities and Traffic; the School Board of Palm Beach County, the Florida Turnpike Authority, the City of West Palm Beach, GL Homes, Siemens Group and the South Florida Water Management District. Through these assignments, Brown & Phillips, Inc. has become thoroughly knowledgeable of the planning, scheduling, and management requirements for land surveying work in the public sector.

Among its private clients are a number of prestigious local engineering, law, construction, and environmental consulting firms. The firm is providing boundary and topographic surveys, tree surveys, right-of-way surveys, route surveys, quantitative surveys, asbuilt surveys, platting, mapping services, and construction layout services to its private sector clients. The firm is also qualified and possesses experience in providing accident reconstruction services, accident investigations, and expert witness services.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts:

31. SIGNATURE



32. DATE

5/16/17

33. NAME AND TITLE

Anthony Brown, PLS, CEO



LICENSES AND/OR CERTIFICATIONS

Calvin, Giordano & Associates, Inc. is certified by the Florida Board of Professional Engineers. A copy of our certification has been provided below, along with copies of all applicable licenses.



State of Florida Department of State

I certify from the records of this office that CALVIN, GIORDANO & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on June 27, 1985.

The document number of this corporation is M17373.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on January 10, 2017, and that its status is active.

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

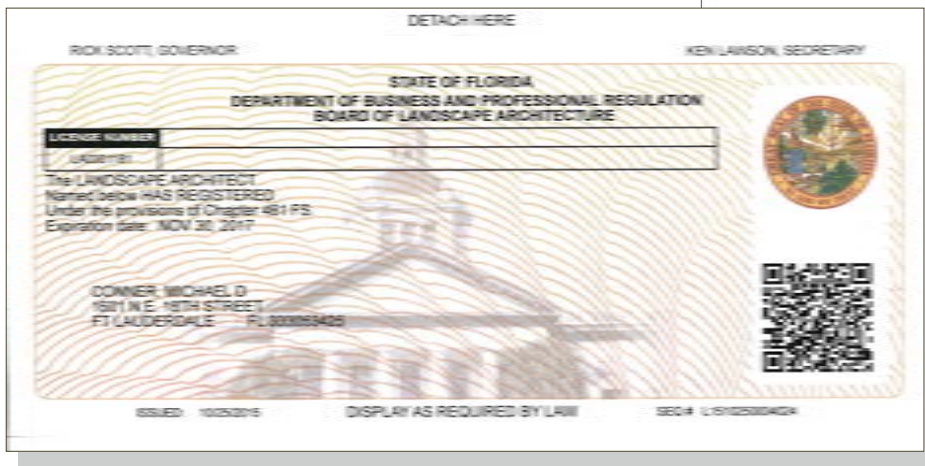
Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this Tenth day of January, 2017



Ken Detjen
Secretary of State

Tracking Number: CC9065327953

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>





Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

State of Florida

Board of Professional Engineers

Attests that

Robert F. McSweeney, P.E.



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

Expiration: 2/28/2019

Audit No: 228201923157 R

P.E. Lic. No:

47506



4. ORGANIZATIONAL PROFILE AND PROJECT TEAM

ORGANIZATIONAL PROFILE AND PROJECT TEAM

Please refer to previous section, Firm Qualifications and Experience - project team members' resumes, and organizational profile on Standard Form 330. project team members have been listed below.

CALVIN, GIORDANO & ASSOCIATES, INC.

NAME	ROLE IN CONTRACT
Sandra Lee, AICP CEP, LEED AP BD+C, CFM	Project Manager/ Environmental Specialist
Michael Conner, ASLA, RLA	Landscape Architecture
Patrick Murphy	Environmental Specialist
Robert "Bob" McSweeney, PE	Construction Services

Sub-Consultants

BROWN & PHILLIPS, INC.

NAME	ROLE IN CONTRACT
Anthony Brown, PSL	Survey
John E Phillips III, PSL	Survey



PROJECT MANAGER EXPERIENCE AND QUALIFICATIONS



Sandra Lee, AICP CEP, LEED AP BC+D, CFM Director, Environmental SUMMARY OF QUALIFICATIONS

Ms. Lee has over 20 years of professional experience and heads up CGA's Environmental Department. Ms. Lee provides environmental permitting services at the

local, state and federal level, coordinates interagency and multi-disciplinary team efforts, provides tree mitigation plans and tree removal permitting services, conducts wetland delineations and wetland functional assessments, designs mitigation areas, provides bidding and construction oversight services for the construction and installation of mitigation areas, provides technical support, environmental resource management and environmental planning services to municipalities, manages field staff conducting wildlife and habitat assessments, imperiled species surveys and compliance monitoring reporting.

ENVIRONMENTAL RESOURCE PERMITTING EXPERIENCE

Archdiocese of Miami Blessed John XXIII Religious Facility, Miramar. Responsible for environmental permitting, which included the site assessments, wetland assessments and obtaining a U.S. COE, a Broward County and two South Florida Water Management District permits; one for the development site and one for a newly constructed off-site mitigation area. Also designed the newly constructed off-site mitigation area, conducted the mitigation construction oversight and long term compliance monitoring, and the conducted maintenance oversight for the off-site mitigation area. Nearly the entirety of the development site was wetland and was comprised of multiple habitat types and qualities. The Archdiocese had previously obtained environmental resource permits for this project and purchased mitigation previously constructed under a prior project. However, the Archdiocese had let all permits expire and needed to again go through the entire permitting process, under new regulatory criteria. Permitting required extensive negotiation to allow previously purchased mitigation credit from a private development site to continue to apply to this project. Additional off-site mitigation was also required.

Pembroke Harbor/Pembroke Cay, Pembroke Pines. Responsible for coordinating the final issuance of permits, with multiple firms, for a 170 acre residential and commercial development project that required 34 acres of on-site mitigation and the purchase of 55 mitigation bank credits. Completed the final wetland mitigation plan and planting chart, also conducted the mitigation construction oversight, the five year mitigation compliance monitoring, and the mitigation maintenance oversight. Conducted the site assessment and obtained a permit modification for a roadway extension which included additional wetland impacts and the purchase of additional mitigation bank credits.

Pembroke Lakes Square/Miramar Pinelands Natural Area. Responsible for coordinating and finalizing the permitting through the US COE, Broward County and the SFWMD with mitigation plan components from multiple firms for the construction of a commercial complex in Pembroke Pines on a 26+ acre site that was entirely wetlands, also conducted the mitigation construction oversight and the five year mitigation compliance monitoring. Mitigation was constructed in Miramar within the County owned Miramar Pinelands Natural Area that was purchased with State funding. The project required a tri-party agreement with County Commission approval for mitigation construction on County park land. Also, obtaining a permit modification for additional adjacent wetlands later purchased and added to the development site; coordinated the purchase of mitigation bank credits for the additional land.

Dania Basin 5 Drainage Improvements, Dania Beach, Pembroke Pines and Miramar. Designed and permitted a unique bio-swale stormwater improvement system to benefit both the developed and adjacent natural habitats. Conducted all site and wetland functional assessments for permitting and processed permits through the US COE, the South Florida Water Management District and Broward County; permitting required extensive negotiation with various Divisions of Broward County for use of County land that is designated wilderness area, mangrove habitat, and serves as a buffer to West Lake Park. The project required the development of an Agreement with the County and the City requiring approval by the County Commission. The construction of the bio-swale required unavoidable impacts to wetlands; however, the swale design included enhancements that created greater wetland functional gain than the functional loss through the impacts. The project restored historic sheet flow of freshwater to the West Lake Park habitat.



Middle Beach Recreational Corridor (MBRC), Miami Beach. Conducted site inspections and plant identifications and processed a CCCL permit through the Department of Environmental Protection. The MBRC is a two mile long paver walkway connecting the existing Miami Beach Boardwalk at Indian Beach Park to the North Beach Recreational Trail at Allison Park. The path fell on state lands on coast dune habitat. The scope of work also included coastal engineering, dune planting plans, lighting design, bidding and construction administration. The ADA-accessible beach pathway supports the use of bicycles, walking, and other non-motorized means of transportation. The MBRC project is a part of the greater Atlantic Greenway Network.

Intracoastal Park Seawall, Sunny Isles Beach. CGA environmental staff obtained immediate emergency authorization from the jurisdictional agencies to begin repairs on a collapsed portion of seawall along the City's Intracoastal Park and kept DERM the US COE, and DEP continuously apprised of all activity. CGA quickly responded to the City's request for design, permitting and construction inspection of the emergency demolition and replacement. Due to the age and deteriorated state, the entire 669 linear feet of seawall was replaced. CGA expedited the permit review process while the Contractor was on-site performing emergency repairs.

Seawall Replacements, Town of Surfside. Conducted benthic assessments on all Town owned seawalls and immediate submerged lands and obtained permits from FDEP, US COE and Miami-Dade DERM to replace all Town owned seawalls.

Lloyd Estates, Oakland Park. Responsible for all site assessments, designing a bio-swale stormwater overflow area, and obtaining permits through the US COE, the South Florida Water Management District and Broward County. The project involved the installation of two new outfalls, dredging, a sluice gate, and new seawalls into the Sleepy River, sovereign submerged lands. It also involved the construction of a pump station and the creation of a bio-swale/river overflow area within property adjacent to the river. Permitting challenges included close coordination with the SFWMD operations staff on project interactions with the C13 canal, and amending sovereign submerged lands leases for new dredge areas and the gate.

Drainage Improvements, City of Weston. Responsible for conducting the site inspections and obtaining permits from the US COE, Broward County and the South Florida Water Management District for drainage

enhancements which included culvert replacements and outfalls into surface waters.

Aqua Isles Multi-Family Residential Development Project with Marina, Dania Beach. Responsible for obtaining a Broward County permit to increase the number of boat slips in the residential marina of a new multi-family residential development.

Foxcroft Multi-Family Residential Development, Miramar. Responsible for site assessments and obtaining a US COE, Broward County, and a South Florida Water Management District permit for the redevelopment of a golf course into a residential community. Mitigation bank credits were purchased for the US COE permit and on-site mitigation was conducted for Broward County. Additionally, over 20 acres of non-mitigation created wetland habitat was designed and included in the final plan.

Public Lands Irrigation, City of Weston. Responsible for obtaining a water use permit from the South Florida Water Management District for nearly 1,000 acres of irrigated public land.

City Center Parking, Pembroke Pines. Responsible for environmental permitting, which included the site assessments, wetland assessments and obtaining a US COE, a Broward County and a South Florida Water Management District permit for the development site and for a newly constructed off-site mitigation area. Nearly the entirety of the development site was wetland and was comprised of multiple habitat types and qualities; also developed the mitigation plan for the conversion of an off-site golf course to wetland habitats. The development fell within an FPL power line easement requiring additional coordination and approvals with FPL. The US COE permit required purchasing mitigation bank credits. Economic developments in 2014 lead to the City selling the off-site golf course. Worked with the City to release the recorded conservation easement and obtain new permits to allow the City to build the parking facility within the FPL easement with a combination of mitigation bank credits and off-site mitigation at another location.

Dania Cove Park, Dania Beach. Obtained local, State and Federal permits to install site improvements required by a Florida Communities Trust and a Parks for People grant including dock, shoreline platform, and shoreline protection measures on a City park located along the Dania cut-off canal. Designed a stabilization system for a badly eroded and unstable shoreline embankment and developed a shoreline vegetation plan.



Ortanique Residential Subdivision, Pompano Beach. On behalf of the City CRA obtained an ongoing Florida Fish and Wildlife Conservation Commission permit to relocate burrowing owls and collapse burrows to allow on-going site grading work to be conducted within the City owned CRA subdivision.

Drainage Improvements, Lake Park. Conducted a submerged aquatic vegetation survey and obtained a US COE and SFWMD permit for installation of a new outfall and upgrades to existing outfalls into the Lake Worth Lagoon.

FPL Substation, Dania Beach. Conducted the site assessments and wildlife survey and obtained a U.S COE and a Florida Department of Environmental Protection permit for the expansion of an electric substation in mangrove habitat recognized as Outstanding Florida Waters, and coordinated the purchase of mitigation bank credits for the wetland impacts.

Verizon Switch Station, Pembroke Pines. Obtained a permit transfer to Verizon and a permit modification for the construction of a switch station with AT&T as a co-permittee, and modified the final mitigation plan.

A-1-A Improvements and Bike Lanes, Town of Jupiter. Obtained environmental permits, conducted the site assessments, including shoreline and submerged aquatic vegetation surveys, for new outfalls into the Lake Worth Creek Aquatic Preserve which is recognized as Outstanding Florida Waters. Conducted the investigations to complete and submit the environmental LAP documentation.

Drainage Improvements, City of Weston. Obtained a US COE and a Broward County permit, and modified two South Florida Water Management District master surface water permits for drainage improvements including culvert replacements.

Increment III Mitigation Areas, Weston. Re-permitted Increment III of the Weston DRI through Broward County for document consistency with the final mitigation conditions, and amended the Increment II Conservation Easement dedicated to the Florida Department of Environmental Protection.

Loughman/Martin Marietta Facility, Polk County. Conducted coordination with the US Fish and Wildlife Service and obtained a determination of compliance with the Endangered Species Act for the federally listed sand and blue tailed mole skinks for the construction of an asphalt distribution facility located within known skink habitat.

WETLAND MITIGATION COMPLIANCE MONITORING EXPERIENCE

Increment III, Weston. Conducted the quarterly, five year compliance monitoring and reporting program on 1,535 acres of sawgrass marsh, tree island, constructed refugia, and lake-shelf habitat, documented utilization by a wide variety of wildlife including the federally listed Snail Kite.

Pembroke Falls, Pembroke Pines. Conducted the quarterly, five year compliance monitoring and reporting program on 204 acres of forested wetland, marsh, hammock, and open water habitat, documented utilization by a wide variety of wildlife including the federally listed Wood Stork.

Memorial Hospital, Miramar. Conducted the quarterly, five year compliance monitoring and reporting program on 51 acres containing slough, marsh, wet prairie, and tree island habitat; documented utilization by a wide variety of wildlife including flamingos.

Isles at Weston, Weston. Conducted the quarterly, five year compliance monitoring and reporting program on 65 acres of marsh containing shallow channels and hydric islands which also contains an archaeological site.

Berman Preserve, Davie. Conducted the quarterly, five year compliance monitoring and reporting program on 28 acres of marsh, tree islands, slough, forested uplands, and forested wetlands.

Blessed John XXIII Religious Facility, Miramar. Conducted the quarterly, five year compliance monitoring and reporting program on 7 acres of slough, marsh, and wet prairie habitat located among other mitigation sites.

Pembroke Harbor, Pembroke Pines. Conducted the quarterly, five year compliance monitoring and reporting program on 34 acres of wetland containing emergent marsh, tree islands, and open water with a hydric berm separating the mitigation from an adjacent drainage canal. Obtained a contract to continue oversight after the regulatory compliance monitoring period ended.

Miramar Pinelands, Miramar. Conducted the quarterly, five year compliance monitoring and reporting program on 32 acres of wetland creation containing open water and wet prairie habitat located on Broward County Park land at the historic head of the Snake Creek slough.



Phillips Plat, Port Everglades. Conducted the quarterly, five year compliance monitoring and reporting program on 8.6 acres of tidally influenced mangrove habitat recognized as a Local Area of Particular Concern by Broward County. Obtained a contract to continue oversight after the regulatory compliance monitoring period ended.

Maple Ridge, Hollywood. Conducted the quarterly, five year compliance monitoring and reporting program on 1.7 acres of Red Maple swamp with a dense fern understory located in an urban setting.

PROJECT BIDDING AND OVERSIGHT EXPERIENCE

Blessed John XXII Mitigation Site, Pembroke Pines. Provided the bidding services for the construction and plant installation of the project mitigation area; conducted the mitigation construction oversight. Administer invasive exotic plant control contracts and oversight.

Memorial Hospital West Mitigation Area, Pembroke Pines. Conducted the construction inspections and oversight of the plant installation within the mitigation area.

Phillips Plat Mitigation Site, Dania Beach. Developed detailed contract Agreement, Conditions and Work Scope documents for site clearing and for the construction of the mitigation area. The site required the installation of flushing canals within the mangrove habitat, hand clearing of invasive species and the construction of a bermed freshwater storm water management area within the mangrove habitat. Provided the bidding services, construction contract administration services and supervised the construction of the mitigation area. Administer invasive exotic plant control contracts and oversight.

Miramar Pinelands Natural Area, Miramar. Provided the bidding services for the plant installation of the mitigation area, conducted the mitigation construction oversight. Administer invasive exotic plant control contracts and oversight.

Pembroke Harbor Mitigation site, Pembroke Pines. Provided the bidding services for the plant installation of the mitigation area and conducted the mitigation construction oversight. Administer invasive exotic plant control contracts and oversight.

City Mitigation Areas, Weston. Coordinate bidding and administer the maintenance contracts on over 2,200 acres of wetland mitigation lands.

Verizon Mitigation Area, Pembroke Pines. Provided the bidding services for the plant installation of the mitigation area and conducted the mitigation construction oversight. Administer invasive exotic plant control contracts and oversight.

Aqua Isles multi-family residential development project, Dania Beach. Coordinated and supervised the remediation within a mangrove wetland habitat adjacent to this multi-family residential development project which occurred from an accidental breach in a dewatering containment berm.

MUNICIPAL EXPERIENCE

Environmental Management, City of Weston: Responsible for the environmental resource management and environmental planning services to the City and the administration of the maintenance contracts on over 2,200 acres of created and enhanced wetlands.

Land Clearing Review, Loxahatchee Groves: On behalf of the Town reviewed and issued the land clearing permit for a 15+ acre religious facility on Pineland habitat, developed the tree mitigation plan, developed the performance guarantee estimate, conducted the site inspections to ensure compliance to the issued permit, and final permit close-out.

AVAILABILITY

Ms. Lee will be available no less than sixty percent (60%) of her time on services requested by the City.

STAFF AND AVAILABILITY

Environmental Specialist II, Patrick Murphy, Certified Arborist

Mr. Murphy has over 7 years of professional experience and assists the CGA Environmental Department in regulatory permitting, environmental planning, site assessments, resource management and environmental technical support services. Mr. Murphy specializes in various environmental services for private and public entities. Mr. Murphy’s responsibilities included environmental permitting, project management, project delegation, report writing, tree inventories, wetland jurisdictional determinations, environmental feasibility studies, construction observation, mitigation design, mitigation monitoring, benthic resource surveys, marine turtle lighting surveys and permitting, and permit compliance. Mr. Murphy is very familiar with environmental permitting, wetland and coastal flora, fauna, and managing private and public projects.

Mr. Murphy will be available no less than fifty percent



(50%) of his time on services requested by the City.

Senior Landscape Architect, Michael Conner, RLA, ASLA

Mr. Conner has more than 30 years of combined experience in municipal, commercial, and private sector work. As a Registered Landscape Architect and a Certified Arborist, he is also knowledgeable in all aspects of urban and community forestry planning and tree inventory and appraisal – particularly in built-out environments in the South Florida area. His expertise lies in site planning, hardscape and landscape design. He also has successful experience in public space creation and planning, environmental mitigation, contract administration, site inspections, and grant writing. He will contribute his expertise in native planting, arborist services, and landscape construction administration.

Mr. Connor will be available no less than forty percent (40%) of his time on services requested by the City.

Construction Engineer, Robert "Bob" McSweeney, PE

Mr. McSweeney, has diversified and extensive experience with civil and environmental engineering firms providing construction services to both public and private sector clients in Miami-Dade, Broward and Palm Beach counties. His experience also involves FDOT CEI and Utility Coordination services as well as municipal contract management which included the City of Pompano Beach and the City of Deerfield Beach.

Mr. McSweeney will be available no less than fifty percent (50%) of his time on services requested by the City.

Surveyor, Anthony Brown, PLS

In his capacity as Chief Executive Officer of Brown & Phillips, Inc., Mr. Brown is responsible for the development and implementation of the firm's administrative policies and procedures, business development activities, and employee training programs. He also serves as the Principal in Charge of all field related assignments. As such, he is responsible for scheduling and performing field work, data gathering and research, and the scheduling and supervision of the field crews. One of his most important responsibilities is to perform quality reviews for all of the calculations and documents that are prepared in the office.

Mr. Brown possesses more than 30 years of land

surveying and project management experience which includes 22 years with the firm Brown & Phillips, Inc. Over the years, he has been responsible for the preparation of numerous legal descriptions, boundary and topographic surveys, plats, parcel abandonment documents, condominium documents, record drawings and for performing construction layouts for utilities, roads, highways, buildings, and bridges. Additionally, Mr. Brown possesses more than three years of experience in performing cadastral surveys for the government of Jamaica. He has performed hydrographic surveys of the ocean within 1/4 mile of the shore and geodetic surveys as part of the densification of triangulation network control surveys.

Mr. Brown will be available no less than fifty percent (50%) of his time on services requested by the City.

Surveyor, John E. Phillips III, PLS

Mr. Phillips possesses more than 25 years of land surveying and project management experience. He has extensive experience in performing office computations, preparing right-of-way acquisition sketches, legal descriptions, boundary and topographic surveys, platting documents, condominium documents, and record drawings; for preparing subdivision geometrics; and for performing construction layout services for water, sewer, gas, drainage, building, roads, and highways improvements. He is proficient in the use of AutoCAD Civil 3D 2015, and accounting. He also has been approved as an expert witness in US Federal court.

Mr. Phillips possesses more than twenty years of project management and business development experience. He has a thorough understanding of resources management, forecasting, and scheduling techniques as well as project accounting practices.

Mr. Phillips will be available no less than fifty percent (50%) of his time on services requested by the City.



5. APPROACH TO SCOPE OF WORK

UNDERSTANDING CITY'S NEEDS, GOALS & OBJECTIVES

In brief, the scope of services requests the selected firm work as an extension of the City to:

- Identify the limits of the conservation area on a tree mitigation site,
- Compiling the required documents and coordinate the recordation of the conservation easement,
- Design and oversee the improvements to the conservation area,
- Assist with bid preparation and implementation,
- Oversee and document the ongoing site improvements,
- Conduct five years of compliance monitoring, and
- Ensure compliance with all Broward County land clearing permit conditions.

Our project goals are to provide seamless, efficient, effective service to the City; to meet all BDEPGMD permit conditions; and create a viable, quality pine flatwood ecological community within the conservation area.

Upon being awarded the project by the City, Calvin, Giordano & Associates (CGA) will meet with the City to determine and confirm the specific requirements of the project, the City's timeline, coordinating partners, chain of contact, deliverables, and what supporting elements the City may be providing. Anticipated or potential project challenges will be discussed and identified at this meeting, such as any anticipated tree relocation that requires extended time frames for completion, concurrent construction taking place on the site, or imperiled species relocation that can only occur in limited windows of time.

CGA will establish our project staffing needs, the appropriate sequencing of work including those tasks that can run concurrently, and a progress schedule. Ongoing, CGA will continually review the progress of the project to assure meeting the projected timeline and budget as approved by the City. The CGA project manager will maintain close communication with each team member and any coordinating partner, and will periodically update the City of the project progress. As scheduled, or requested by the City, the CGA project



manager will coordinate progress meetings and provide deliverables in the format(s) specified by the City.

Any adjustments due to circumstances such as changing conditions or change of the original scope occurring throughout the duration of the project will be reviewed with the City and adjusted as necessary upon City approval.

Optimal sequencing for project scope:

- Conduct a thorough field inspection,
 - Create, or review if already completed, the tree survey identifying location, species, quality, DBH and canopy of the existing trees on site,
 - If applicable, provide calculations for required tree mitigation,
 - Delineate the highest quality habitat area for inclusion in conservation easement,
 - Coordinate with the City, County and other project partners on review and acceptance of delineated area,
 - Coordinate with the Surveyor to create a sketch and legal description for the conservation easement and certification of the easement acreage,
 - Coordinate with the County on compiling needed conservation easement documents and signatures, and facility review and recordation process,
 - Within the delineated conservation area create the construction plans for the installation of additional plant materials in the CAD format as specified by the City. Construction plans will include the location of existing plant material, the SWPP Plan, location of tree barricades, planting chart with specifications, planting details, disposition plan for the removal of any undesirable plant materials or relocation of materials if needed, temporary irrigation and/or watering schedule, location of the staging area as approved by the City, and any markers, signage or fencing required by the permit conditions. Plans will be provided to the City at 30% and 60% for review and feedback,
 - Concurrent with final City review the plans will be provided to Broward County for acceptance to the permit conditions, prior to inclusion in the bid documents,
- Participate and assist in Bid process,
 - Upon NTP to the selected contractor, attend the pre-construction meeting, obtain Contractor contact information and chain of contact,
 - Throughout construction provide construction oversight, field reports and review of contractor pay applications, informing the contractor and City of any issues that may arise,
 - At substantial completion provide a punch list of final needed items, coordinate with the contractor on completion of these items and upon successful completion notify the City and confirm final acceptance of performed work,
 - Notify the County of final completion of work and complete the Time Zero Monitoring report and submit to the County and copy the City,
 - Upon acceptance of the Time Zero report begin the quarterly monitoring and reporting,
 - Throughout the five year monitoring period report the quarterly observations to the maintenance contractor providing identification of needed treatment areas and problems, and copy the City on this coordination, and
 - Upon completion of the monitoring period and submittal of the final monitoring report, coordinate with the County to gain sign-off of the final condition and closeout of monitoring requirements and release of any financial assurance mechanism the County may have held to final completion.

Successful project implementation will require diligent oversight, documentation and follow-up; as well as ongoing clear, concise communication with the City, County, Airport representatives, the selected Contractor and other project partners. The CGA project team is committed to completing this project on-time and within budget. This is a relatively uncomplicated project, we anticipate approximately three weeks for the design and initial CAD work. CGA's staff is experienced and highly skilled in the tasks required of this project and has adequate availability in their existing workload to undertake the City's scope of work and maintain the high standards of deliverables the City and CGA are accustomed to.



CURRENT WORKLOAD

Currently CGA has the capacity to provide the services being requested by the City in the RFQ document, and we are ready and available to meet the requirements of this project. CGA will be servicing this contract out of our headquarter office located at 1800 Eller Drive, Suite 600, Fort Lauderdale, FL 33316. This is our primary office location, and the venue from which the majority of our technical staff will be providing services. CGA guarantees that we will have the necessary staff to meet all the needs no matter what they are.

All of our projects adhere to a strict project management system, wherein we weekly ensure that milestones are met and risk management is averted, by addressing the anticipated staffing needs of each project and matching those needs with the most capable resources.

CGA has been able to accommodate its workload, while keeping our mantra of personalized attention combined with responsive solutions for each and every client. Additionally, CGA has the experience and in-house resources to seamlessly cover almost any eventuality that is encountered. The graph below outlines our current and anticipated workloads for availability of our CGA team members.

ADDITIONAL RESOURCES

The CGA team for this project will be based out of our headquarters in Ft. Lauderdale, however CGA has access to additional engineering, planning and surveying resources in our West Palm Beach office located approximately 30 minutes north of the project site, should the need arise. Additionally, CGA is staffed with a full Construction Engineering and Inspection (CEI) department supplemented by our Construction Services department, both staffed with professional

engineers with field experience for peer reviews and construction knowledge.

CUTTING EDGE TECHNOLOGY

At CGA it is important to provide the best end user experience for our clients. In order to provide cutting edge services we have implemented systems company wide that streamline processes or add value to our clients. These systems include:

- Ajera Project & Resource Management System;
- Skysite, a newly implemented cloud based project management and construction document management system;
- Primavera and Microsoft Project scheduling software;
- Leica C-10 3D Scanner, capable of obtaining 50,000 points of data per second;
- In-house software development team that is capable of customizing software's to meet the ever-changing needs of our clients;
- GIS department with capability of importing existing GIS information or providing deliverables in GIS format;
- Senior CADD manager in charge of keeping CGA on the forefront of available upgrades and standards.

We pride ourselves on obtaining and mastering new technology ahead of our competitors, which enables us to provide an *Exceptional Service* to our clients.



6. REFERENCES

Three (3) references from government agencies for projects with similar scope as listed in the RFQ document have been provided below and on the following page.

REFERENCE I	
Client Name	TOWN OF DAVIE
Address	6591 Orange Drive, Town of Davie, FL 33314
Contact Person	Dave Quigley
Telephone Number	954.797.1103
E-mail Address	dquigley@davie-fl.gov
Description of Work	Conducted landscape architect plan reviews and inspections along with tree appraisals.
Year Project Completed	Ongoing



REFERENCE II

Client Name	Miami-Dade Parks (Oak Grove Park)
Address	275 NW 2nd Street, 4th Floor, Miami, Florida 33128
Contact Person	Mark Heinicke
Telephone Number	305.755.7811
E-mail Address	mheinic2@miamidade.gov
Description of Work	Provided professional services to develop two new tennis courts, expand the fitness trails and adding pedestrian lighting.
Year Project Completed	2014

REFERENCE III

Client Name	CITY OF NORTH LAUDERDALE
Address	701 SW 71st Ave., North Lauderdale, Florida
Contact Person	George Krawczyk, PE
Telephone Number	954.724.7070
E-mail Address	GKrawczyk@nlauderdale.org
Description of Work	Continuing Engineering Services (Work included park, streetscape planting plans, grant applications and other graphics).
Year Project Completed	Ongoing



REFERENCE IV

Client Name	City of Miami Gardens (Rolling Oaks Park)
Address	18605 NW 27th Avenue Miami Gardens, FL 33056
Contact Person	Jimmie Allen
Telephone Number	305.622.8000 Ext 2802
E-mail Address	jallen@miamigardens-fl.gov
Description of Work	Provided professional services to design a pedestrian trail including a new outdoor fitness stations, seating areas, and LED site lighting.
Year Project Completed	2014

REFERENCE V

Client Name	City of Weston (Peace Mound Park)
Address	17200 Royal Palm Boulevard Weston FL 33326
Contact Person	Denise Barrett
Telephone Number	954.385.2000
E-mail Address	dbarrett@westonfl.org
Description of Work	Provided professional services including Park Master Planning, Landscape Design, Irrigation Design, Arboricultural Services, Civil Engineering, and Electrical Engineering.
Year Project Completed	2014



7. MINORITY (MBE) PARTICIPATION

Calvin, Giordano & Associates, Inc. is committed to diversity in our project teams. With offices throughout South Florida, we have both a personal and professional interest in the success, growth and betterment of our surrounding environment. We can assure the City of Fort Lauderdale that we will continue our efforts to reinvest in the local community and involve MBE and/or WMBE sub-consultants whenever possible.

Brown & Phillips, Inc., a Small/Minority Business Enterprise (SBE/MBE), was founded in March 1993 to provide a full range of professional land surveying services to clients in the public and private sectors. The firm is certified as a Small/Minority business by the Florida Department of Management Services Office of Supplier Diversity. Brown & Phillips is staffed by three Florida registered Professional Land Surveyors. We have sufficient survey crews that are readily available to provide surveying services in accordance with project schedules. Our team is highly responsive and very knowledgeable. We are committed to providing the best possible service and product in a timely manner and within budget.

A Copy of the firm's certification can be found in the following section, **Section 8. SubConsultants, Sub-Consultant Licenses/Certifications.**





8. SUBCONSULTANTS

Our Team consists of highly qualified CGA personnel and an exceptional group of sub-consultants. CGA's work with these sub-consultants on past projects has yielded highly efficient and cost effective designs delivered on schedule.

Our proposed sub-consultant team has been listed below in no particular order.

Sub-Consultant	Service
Brown & Phillips, Inc. 1860 Old Okeechobee Road, Suite 509, West Palm Beach, FL 33409 (561)615-3988	Surveying

BROWN & PHILLIPS, INC.,

Brown & Phillips, Inc., a Small/Minority Business Enterprise (SBE/MBE), was founded in March 1993 to provide professional land surveying services to clients in the public and private sectors. The firm provides a full range of land surveying services which include legal descriptions, boundary surveys, topographic surveys, hydrographic surveys, tree surveys, construction layout, condominium documents, record drawings, expert witness testimony, GPS surveying and all facets of platting.

The firm is certified as a Small/Minority business by the Florida Statewide Office of Supplier Diversity; the South Florida Water Management District; the School District of Palm Beach County and Broward County; the City of West Palm Beach; and the Palm Beach County Departments of Engineering, Facilities, Department of Airports and PalmTran. We are certified as a Disadvantaged Business Enterprise by the Florida Department of Transportation and by the Miami-Dade County Department of Business Development.



The firm is staffed by three Florida registered Professional Land Surveyors. All of the firm's professional land surveyors are graduates of formal Land Surveying programs.

The firm currently employs ten people and has three fully equipped survey crews. Among the firm's resources are an airboat and "Jon" boat which are used for performing soundings and hydrographic cross sections; three all-terrain vehicles, Topcon total stations; data collectors with TDS software and Topcon GPS Equipment.

The firm also possesses computers connected to a fully integrated network system on which it runs its Autocad Civil 3D 2016, TDS Survey Link, word processing, and project management software. The firm has an excellent record in providing surveying services to support land and right-of-way acquisitions and road, utility, drainage, and building construction projects for clients in the public and private sector. Since its founding, the firm has performed land surveying assignments for the Florida Department of Transportation, the Palm Beach County Departments of Engineering, Capital Improvements, Water Utilities, Traffic and Airports, the School District of Palm Beach County, the Florida Turnpike Authority, the City of West Palm Beach, the City of Riviera Beach, the Port of Palm Beach District, GL Homes, Siemens Group and the South Florida Water Management District. Through these assignments, Brown & Phillips, Inc. has become thoroughly knowledgeable of the planning, scheduling, and management requirements for land surveying work in the public sector.

Among its private clients are a number of prestigious local engineering, law, construction, and environmental consulting firms. The firm is providing boundary and topographic surveys, tree surveys, right-of-way surveys, route surveys, quantitative surveys, asbuilt surveys, platting, mapping services, and construction layout services to its private sector clients. The firm is also qualified and possesses experience in providing accident reconstruction services, accident investigations, and expert witness services. For more information, please visit our website at brown-phillips.com.



SUB-CONSULTANT LICENSES / CERTIFICATIONS



State of Florida
Minority, Women & Service-Disabled Veteran
Business Certification

Brown & Phillips, Inc.

Is certified under the provisions of
287 and 295.187, Florida Statutes for a period from:

December 16, 2015 to December 16, 2017



Torey Alston, Executive Director

Florida Department of Management Services
Office of Supplier Diversity

Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399-0950 • 850.487.0915 • www.osd.dms.state.fl.us

***State of Florida
Department of State***

I certify from the records of this office that BROWN & PHILLIPS, INC. is a corporation organized under the laws of the State of Florida, filed on March 26, 1993.

The document number of this corporation is P93000023610.

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

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

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



Ken Detman
Secretary of State

Tracking Number: CC7432999350

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

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



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

License No.: **LS4977**
Expiration Date February 28, 2019

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

ANTHONY ST BROWN
1928 GARDENIA CT
RIVIERA BEACH, FL 33404-1871

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE



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

License No.: **LS4826**
Expiration Date February 28, 2019

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

JOHN E PHILLIPS III
6699 WILSON ROAD
WEST PALM BEACH, FL 33413

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE



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

License No.: **LB6473**
Expiration Date February 28, 2019

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

BROWN & PHILLIPS INC
1860 OLD OKEECHOBEE RD STE 509
WEST PALM BEACH, FL 33409-5242

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

January 11, 2013

ANTHONY BROWN
BROWN & PHILLIPS INC
1860 OLD OKEECHOBEE RD SUITE 509
WEST PALM BEACH FL 334095253

ANNIVERSARY DATE - Annually on October 28

Dear Mr. Brown:

The Florida Department of Transportation (FDOT) is pleased to announce that your firm has been certified under Florida's Unified Certification Program (UCP) as a Disadvantaged Business Enterprise (DBE) in accordance with 49 Code of Federal Regulation Part 26.

DBE Certification is continuing, but it is contingent upon the firm maintaining its eligibility annually through this office. You will be notified of your annual responsibilities in advance of the Anniversary Date. You must submit the annual AFFIDAVIT FOR CONTINUING ELIGIBILITY **no later than the Anniversary Date.**

Only firms listed in the UCP DBE Directory are certified by Florida UCP Members. Prime contractors and consultants should verify your firm's DBE certification status, **and identify the work area(s) for which the firm is DBE eligible, through this Directory.**

Your firm will be listed in Florida's UCP DBE Directory which can be accessed through the Department's website: www.dot.state.fl.us/equalopportunityoffice and then selecting "DBE Directory".

DBE certification is NOT a guarantee of work. It allows your firm to compete for and perform contract work on ALL USDOT Federal Aid (FAA, FTA, and FHWA) projects in Florida as a DBE contractor, sub-contractor, consultant, sub-consultant or material supplier.

If, at any time there is a material change you must advise this office, by sworn affidavit and supporting documents, within thirty (30) days. Changes include, but are not limited to, ownership, officers, directors, management, key personnel, scope of work performed, daily operations, ongoing business relationships with other firms or individuals, or the physical location of your firm. After our review, you will receive instructions as to how you should proceed, if necessary. Failure to do so will

be deemed a failure, on your part, to cooperate, and will result in immediate action to remove DBE certification.

Your firm is eligible to compete for and perform work on all USDOT Federal Aid projects throughout Florida and may earn DBE credit for work performed in the following areas:

NAICS
54133 -Engineering Services
54137 -Surveying and Mapping (except Geophysical) Services

FDOT Specialty Codes
946 -Land Surveying And Mapping Services

Questions and concerns should be directed to this office by mail or telephone. Our telephone number is (850) 414-4747. Our fax number is (850) 414-4879.

Sincerely,

Victoria Smith
DBE Certification Manager



9. REQUIRED FORMS

The required forms listed below have been provided on the following pages.

- a. Statement of Qualification Certification
- b. Non-Collusion Statement
- c. Local Business Preference (LBP)
- d. Contract Payment Method
- e. Sample Insurance Certificate

STATEMENT OF QUALIFICATION CERTIFICATION

Please Note: All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit http://www.dos.state.fl.us/).

Company: (Legal Registration) Calvin, Giordano & Associates, Inc

Address: 1800 Eller Drive, Suite 600

City: Fort Lauderdale State: FL Zip: 33316

Telephone No. 954-921-7781 FAX No. 954-921-8807 Email: marketing@cgasolutions.com

Does your firm qualify for MBE or WBE status: No MBE WBE

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Table with 4 columns: Addendum No., Date Issued, Addendum No., Date Issued. Row 1: N/A, blank, blank, blank.

VARIANCES: State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. If this section does not apply to your bid, simply mark N/A. If submitting your response electronically through BIDSYNC you must click the exception link if any variation or exception is taken to the specifications, terms and conditions.

N/A

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, hereby agrees that in no event shall the City's liability for respondent's indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of five hundred dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Shelley Eichner, AICP Name (printed)

Signature (Handwritten: Shelley Eichner)

05/15/2017 Date:

Senior Vice President Title

NON-COLLUSION STATEMENT

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

<u>NAME</u>	<u>RELATIONSHIPS</u>
NOT APPLICABLE	NOT APPLICABLE
_____	_____
_____	_____

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local BUSINESS preference classification as indicated herein, and further certifies and agrees that it will re-affirm it's local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

(1) _____ is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the City of Fort Lauderdale current year Business Tax Receipt and a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.

Business Name

(2) _____ is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Business Tax Receipt or a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.

Business Name

(3) Calvin, Giordano & Associates, Inc is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.

Business Name

(4) _____ requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

Business Name

(5) _____ requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.

Business Name

(6) _____ is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. and does not qualify for Local Preference consideration.

Business Name

BIDDER'S COMPANY: Calvin, Giordano & Associates, Inc

AUTHORIZED COMPANY PERSON: Shelley Eichner, AICP Shelley Eich 05/15/2017
NAME SIGNATURE DATE

CONTRACT PAYMENT METHOD BY P-CARD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to payment by credit card via MasterCard or Visa. This allows you as a vendor of the City of Fort Lauderdale to receive your payment fast and safely. No more waiting for checks to be printed and mailed.

In accordance with Article 7, item 7.4.3 of the consultant agreement attached herein, payments for all services will be made utilizing the City's P-Card program (MasterCard or Visa). Accordingly, firms must presently have the ability to accept credit card payment or take whatever steps necessary to implement acceptance of a credit card before the commencement of the agreement.

Please indicate with which credit card you prefer to be paid:

Master Card

Visa Card

Company Name: Calvin, Giordano & Associates, Inc

Shelley Eichner, AICP
Name (printed)


Signature

05/15/2017
Date:

Senior Vice President
Title

