

Calvin, Giordano & Associates, Inc.

Bid Contact **Marty Evans**
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Address **1800 Eller Drive Suite 600**
Fort Lauderdale, FL 33316

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
PSEN-18-02--01-01	Please submit documents here.	Supplier Product Code:	First Offer -	1 / each	Y	Y
Supplier Total					\$0.00	

Calvin, Giordano & Associates, Inc.

Item: **Please submit documents here.**

Attachments

CGA_RFP_Pines Comp Prof Serv Prov.pdf



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

Electronic

CITY OF PEMBROKE PINES

**PROFESSIONAL SERVICES PROVIDERS
ARCHITECTURAL, ENGINEERING, SURVEYING/MAPPING**

RFQ # PSEN-18-02

JULY 24, 2018 | 2:00 PM





Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

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**RFQ # PSEN-18-02
"PROFESSIONAL SERVICE PROVIDERS"
(ARCHITECTURAL, ENGINEERING, SURVEYING AND
MAPPING)"**

DUE: JULY 24, 2018, 2:00 PM

**CALVIN, GIORDANO & ASSOCIATES, INC.
1800 ELLER DRIVE, SUITE 600
FORT LAUDERDALE, FL 33316
T: 954.921.7781
F: 954.921.8807**

**DAVID STAMBAUGH
CONTRACT MANAGER
DSTAMBAUGH@CGASOLUTIONS.COM
P: 954.766.2736**

TAB 1 - LETTER OF INTEREST



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

Building Code Services
Civil Engineering / Roadway
& Highway Design
Coastal Engineering
Code Compliance
Construction Engineering &
Inspection (CEI)
Construction Services
Data Technologies &
Development
Electrical Engineering
Engineering
Environmental Services
Facilities Management
Geographic Information
Systems (GIS)
Governmental Services
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

July 23, 2018

City of Pembroke Pines
Purchasing Division
8300 South Palm Drive
Pembroke Pines, FL 33025

**RE: RFQ # PSEN-18-02 | Professional Service Providers (Architectural,
Engineering, Surveying & Mapping)**

Dear Selection Committee:

Calvin Giordano and Associates, Inc. (CGA) is excited to present our team of highly qualified and experienced professionals to provide the Professional Services as outlined in RFQ PSEN-1802 for the City of Pembroke Pines. We have selected a team comprised of industry experts with extensive experience in their respective fields, who will be committed and responsive to the City of Pembroke Pines under any project that arises from this contract.

Experience that Counts

Since 1937, CGA has provided multi-disciplinary consulting services to over 60 municipal clients throughout the State of Florida. With offices located in Fort Lauderdale, West Palm Beach, Estero, Miami-Dade, Port St. Lucie, and Clearwater/Tampa, we are conveniently located in close proximity to our clients. CGA has over 20 years of experience working with the utilities and staff in the City of Pembroke Pines and over 80 years serving as consultant engineers to local municipalities. CGA has more than 350 professional and support personnel in the State of Florida. Our diversified experience and exposure to different professional perspectives has greatly enhanced our team's ability to provide our municipal partners with innovative ideas, quality solutions and technical strength in our roles as designers, modelers, reviewers and agency liaisons.

CGA provides Civil, Utility, Electrical, and Traffic Engineering, Transportation Planning, Land Planning, Surveying, Environmental Services, Landscape Architecture, Construction Engineering and Inspection (CEI) Services to many municipalities in the tri-county area (Broward, Palm Beach, and Miami-Dade). We have successfully served as professional services consultants for over 60 clients over the past 80 years; completed a variety of projects as outlined in the City's Capital Improvement Program (CIP). Examples of these project are outlined in Tab Two of our Submittal, Part I, Section E – G of the Standard Form 330.

The team proposed for this contract has completed projects of similar scope and possess the diversity of technical skills required to execute the work with the highest degree of professionalism. CGA will serve as the prime consultant with **Hilliers Electrical Engineering, Inc. (HEE), Connect Consulting, Inc. (CCI), Nutting Engineers of Florida, Inc., Lakdas-Yohalem Engineering, Inc., and Synalovski, Romanik, Saye, LLC, and Kittelson & Associates, Inc.** providing

electrical engineering, hydrogeologic engineering, geotechnical engineering, structural engineering, architectural services, and PD&E, respectively. Utilizing these resources, the CGA team can deliver a higher quality service that is tailored to the needs of the City and to the needs of this project. Additional details on the project team and their qualifications are outlined in Tab Two of our Submittal, Part I, Section E – G of the Standard Form 330.

Commitment to Pembroke Pines

Jenna Martinetti, P.E., will serve as the project manager and single point of contact who will lead our proposed team of qualified and experienced professionals to successfully complete the work within time and budget. Ms. Martinetti has over 10 years of experience managing municipal projects for a variety of engineering disciplines. Ms. Martinetti and the selected project team also have experience working for the City of Pembroke Pines on existing projects thereby possessing the understanding of City policies and practices; reducing any learning curve.

The CGA team has the financial strength and stability to maintain the resources required to complete any project that is assigned and is committed to allocating and dedicating the manpower, expertise, and attentiveness necessary to ensure that The City meets its goals and objectives through the provision of these services. All staff proposed under this project are available immediately upon contract award. Our team's experience will result in smooth and efficient execution of the project scope and successful completion of all services related to this contract with a proven team of engineers that the City can trust.

CGA is familiar with the expectations of the City of Pembroke Pines and we will ensure the completion of each project assigned with the highest level of quality, within time and budget. We appreciate your favorable consideration of our qualifications. We are committed to providing continuous exceptional solutions to our municipal clients and thus maintaining our sustainability in the practice of engineering. CGA's Ft. Lauderdale office located at **1800 Eller Drive, Suite 600, Fort Lauderdale, FL 33316** will serve as the dedicated headquarters for this project.

Should Calvin, Giordano & Associates, Inc. be selected to provide services under this contract, I, Dennis Giordano, President, will serve as Principal-in-Charge and Jenna Martinetti, P.E., will serve as the project manager for this contract. We can both be reached by email at DGiordano@cgasolutions.com and JMartinetti@cgasolutions.com or by telephone or fax at the numbers listed on this letterhead.

Thank you for providing us this opportunity to respond to this Request for Qualifications.

Sincerely,



CALVIN, GIORDANO & ASSOCIATES, INC.

Dennis Giordano
President

TAB 2 - STANDARD FORM 330 (PARTS I AND II)

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

City of Pembroke Pines, Professional Service Providers

2. PUBLIC NOTICE DATE

06/26/2018

3. SOLICITATION OR PROJECT NUMBER

PSEN-18-02

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Dennis Giordano, President

5. NAME OF FIRM

Calvin, Giordano & Associates, Inc.

6. TELEPHONE NUMBER

954-921-7781

7. FAX NUMBER

954-921-8807

8. E-MAIL ADDRESS

marketing@cogasolutions.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	SUBCON-TRACTOR			
a.	<input checked="" type="checkbox"/>		Calvin, Giordano & Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1800 Eller Drive, Suite 600 Fort Lauderdale, FL 33316	
b.		<input checked="" type="checkbox"/>	Hillers Electrical Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	23257 State Road 7 Suite 100 Boca Raton, FL 33428	Electrical Design Services
c.		<input checked="" type="checkbox"/>	Connect Consulting, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1907 Commerce Lane, Suite 104 Jupiter, FL 33458	Hydro Geological Services
d.		<input checked="" type="checkbox"/>	Lakdas/Yohalem Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2211 NE 54th Street Fort Lauderdale, FL 33308	Structural Engineering Services
e.		<input checked="" type="checkbox"/>	Nutting Engineers of Florida, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1310 Neptune Drive Boynton Beach, FL 33426	Geotechnical Services
f.		<input checked="" type="checkbox"/>	Synalovski, Romanik, Saye, LLC. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1800 Eller Drive, Suite 500 Fort Lauderdale, FL 33316	General Architecture Services

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

5. NAME OF FIRM

6. TELEPHONE NUMBER

7. FAX NUMBER

8. E-MAIL ADDRESS

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.					
			<input type="checkbox"/>	CHECK IF BRANCH OFFICE	
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 DAVID STAMBAUGH, PE	13 ROLE IN THIS CONTRACT WATER/WASTE WATER ENGINEERING	14. YEARS EXPERIENCE	
		a TOTAL 20	b WITH CURRENT FIRM 10
15 FIRM NAME AND LOCATION <i>(City and State)</i> CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA			
16 EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., CIVIL ENGINEERING, UNIVERSITY OF CENTRAL FL		17 CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> PE FLORIDA NO. 70757	

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

With more than seven years of construction experience followed by eleven years of design and project management, Mr. Stambaugh has developed a strong understanding of the engineering profession. He is experienced in the design of public and private engineering projects, such as expansion of water and wastewater treatment plants, design of sewage collection and transmission systems, water distribution systems, surface water management systems, roadways, and parking lots.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Water Treatment Plant Sodium Hypochlorite System Rehabilitation and Carbonic Acid Injection System, Pembroke Pines, FL.	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Administrator for the design and permitting for the installation of a new carbonic acid injection system that will reduce the pH of water after the lime softening treatment units. This will allow the pH of the water in the lime softening treatment units to be increased to improve treatment and provide the ability to then reduce the pH after treatment to meet the secondary drinking water standards. The project also included the rehabilitation of the sodium hypochlorite system and the addition of online continuous analytical equipment to enhance controllability for the water treatment plant operations staff.		
b.	Academic Village Water Booster Station Improvements, Pembroke Pines, FL.	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Administrator for the design of a replacement sodium hypochlorite disinfection system. The replacement system consisted of a new bulk storage tank, chemical metering pump skid, modern concrete containment structure with covered roof, and automation and SCADA controls necessary to facilitate remote monitoring and control from a control room approximately 15 miles away.		
c.	Holly Lakes Water Booster Station Improvements, Pembroke Pines, FL.	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Administrator for the design of a new sodium hypochlorite disinfection system needed to replace a previously permitted gas chlorination system. The new system consisted of a new bulk storage tank, chemical metering pump skid, modern concrete containment structure with covered roof, and automation and SCADA controls necessary to facilitate remote monitoring and control from a control room approximately 15 miles away. Additionally, this project included design of 24-inch diameter piping intended to provide individual isolation between two 2.5 MG ground water storage tanks necessary to facilitate maintenance and separate maintenance and repair activities.		
d.	Water Treatment Plant Phase III Expansion, Pembroke Pines, Florida	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 Coordinated equipment start up for an upflow treatment unit, lime slaker, multi-media filter, ion exchange color removal system, and sodium hypochlorite storage and injection system. Designed a carbon dioxide storage and feed system. Prepared record drawings, project closeout documents and certification of construction completion packages to governmental permit agencies.		

	(1) TITLE AND LOCATION <i>(City and State)</i> Alternative Water Supply, Pembroke Pines, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable)
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 Manage all professional consultant activities necessary to evaluate the existing facility for the conversion from potable water to reclaimed water. This required the addition of a sodium hypochlorite injection system to maintain the required chlorine residual in the reclaimed water before distribution in order to meet regulatory compliance. Other modifications include replacement of the outdated electrical and instrumentation/controls system and rehabilitation of the existing mechanical equipment.		
	(1) TITLE AND LOCATION <i>(City and State)</i> Wastewater Treatment Plant Blower Replacement, Pembroke Pines, FL.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable)
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 Project manager and engineer of record as part of a design build team for the replacement of the existing multistage centrifugal blowers with high speed turbo blowers to improve efficiency for delivery of process air for treatment of the City's wastewater. The services included preparation of plans and specifications for permitting and construction, review of shop drawings, construction inspections and final certification.		
	(1) TITLE AND LOCATION <i>(City and State)</i> Wastewater Reclamation Facility Expansion Design/Build project, Miramar, FL.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable)
g.	(4) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As the project engineer, prepared plans and specifications for the expansion and modification to the existing aeration basin and process air system, return activated sludge pumping system modifications, addition of a secondary clarifier, and deep well injection pump for the capacity expansion from 10.1 MGD to 12.6 MGD. Assisted with the preparation of a guaranteed maximum price proposal to the City of Miramar. Secured permit from governmental agencies having jurisdiction over the project. Provided documentation of work progress during construction and assisted with project scheduling, equipment startup, preparation of the record drawings and final certification of construction completion.		
	(1) TITLE AND LOCATION <i>(City and State)</i> WTP #8 Finished Water Improvements, Palm Beach County, FL.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (if applicable)
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 Investigated various technologies for the reduction of Disinfection Byproducts (DBP) in the finished water and assisted with the preparation of the final Work Authorization (WA) required to implement these improvements. Upon execution of the WA, I managed all design information and deliverables from the design team to implement the SUEZ Trihalomethane (THM) Removal System (TRS) on two (2)-5.0 MG ground storage tanks (GST). The system was designed to reduce THM(s) by 25% with a through flow rate in each GST of 9.0 MGD.		
	(1) TITLE AND LOCATION <i>(City and State)</i> Western Region Wastewater Treatment Facility (WRWWTF) Sludge Thickener and Western Region North Wastewater Treatment Facility (WRNWWTF) Headworks Bypass Improvements, Palm Beach County, FL.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (if applicable)
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 Manager of a team of design consultants for the installation of a new rotary drum sludge thickener and improvements to the electrical and instrumentation system at the headworks to the WRWWTF. The project also included the design of a full capacity emergency bypass to the headworks at the WRNWWTF. Coordinated all design team activities and was responsible for maintaining clear lines of communication between all stakeholders and ensured that the goals of the project were met.		
	(1) TITLE AND LOCATION <i>(City and State)</i> Water Treatment Plant #8 Lime Slaker, Fuel Storage Tanks, and High Service Pump Replacement, Palm Beach County, FL.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (if applicable)
j.	(4) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project included the replacement of two (2) lime slakers, replacement of a 2,000 gallon diesel fuel tank in-kind for the wellfield generator, replacement of a 10,000 gallon diesel fuel storage tank for the water treatment plant with a new 20,000 gallon tank to extend the duration for operating on standby generator, replacement of High Service Pump #5, and installation of three (3) mixers on the existing ground storage tanks to reduce the DPB formation in the finished water. I was responsible for all efforts by the design team and coordination with the construction team. Additionally, I ensured that the project's objectives were met by facilitating the procedures for quality control and quality assurance.		

k.	(1) TITLE AND LOCATION <i>(City and State)</i> Water Treatment Plant #2 Improvements, Palm Beach County, FL.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design Manager responsible for managing all activities from the design team for the installation of owner furnished 350 Hp High Service Pumps #13 and #14 and associated yard piping improvements. The project also included the design of improvements to the lime slurry delivery system which included replacement of the existing lime slaker and installation of a new concrete containment area with lime slurry box and owner furnished lime slurry pumps. The project also included the replacement of the main electrical breaker that required coordination with FPL and PBCWUD Operations Staff to ensure sufficient finished water productions for the customers during the plant shut downs.		
l.	(1) TITLE AND LOCATION <i>(City and State)</i> Water Treatment Plant #8 Rotary Drum Vacuum Filter and High Service Pump Replacement, Palm Beach County, FL.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design Manager that was responsible for all design, permitting and construction engineering services for improvements to Water Treatment Plant #8 that are necessary to maintain the integrity and reliability of an aging system. The improvements included the replacement of the existing rotary drum vacuum filter for lime sludge and replacement of High Service Pumps (HSP) #3 and #4. The new vacuum filter contained upgraded materials of construction to increase sustainability and the new HSP(s) will operate more efficiently and will provide an increase in capacity.		
m.	(1) TITLE AND LOCATION <i>(City and State)</i> Pahokee Wastewater Treatment Plant Improvements, Palm Beach County, FL.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <input checked="" type="checkbox"/> 2016	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project administrator that was responsible for all design, permitting and construction engineering services for these improvements that included screening equipment replacement at the headworks structure, replacement of the headworks effluent piping and supports, rehabilitation to the package treatment unit, primary clarifier, and secondary clarify.		
n.	(1) TITLE AND LOCATION <i>(City and State)</i> Water Treatment Plant #9 SCADA Towers, Palm Beach County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable)
	(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 management of all professional consultant activities necessary to provide design build services to the Palm Beach County Water Utilities Department related to the addition of Degasifier #3, replacement of the existing odor scrubber system and structural modifications to the Clearwell #1. The new Degasifier #3 will work in conjunction with existing Degasifiers #1 and #2 and will be provide with a cleaning system to services all three degasifiers. This project required coordination with another construction contract that will be provide a new permeate pipeline to be connected to new and existing degasifiers.		
o.	(1) TITLE AND LOCATION <i>(City and State)</i> Lloyd Estates Drainage Improvements, Oakland Park, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Administered all project scope of services for the design of an improved stormwater manager system to aid in the reduction of flood duration and elevation during storm events within the Lloyd Estates neighborhood. The improvements include the addition of emergency flood gates to prevent the elevated water level in the SFWMD C-13 canal from flowing into the Sleep River that provides water storage for the existing drainage system. In addition, a stormwater pump station will be provided to regain the permitted discharge capacity of the system. Grant services were provided for this project that resulted in approximately \$4 million of funding from the FEMA Hazard Mitigation Grant Program.		
p.	(1) TITLE AND LOCATION <i>(City and State)</i> Bid Pack 8 Infrastructure Improvements, Oakland Park, FL.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Coordinated team activities as the project administrator to design and permit approximately 18,000 linear feet of water main replacement, rehabilitation of Lift Station B-1 and installation of 4 sewer combination air valves to alleviate undesirable air inside the City's sanitary sewer force main system.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12 NAME EMELIZ TORRES, PE	13 ROLE IN THIS CONTRACT CIVIL ENGINEERING	14. YEARS EXPERIENCE	
		a TOTAL 10	b WITH CURRENT FIRM <1

15 FIRM NAME AND LOCATION *(City and State)***CALVIN, GIORDANO & ASSOCIATES, INC. - FORT LAUDERDALE, FLORIDA**16 EDUCATION *(DEGREE AND SPECIALIZATION)***BACHELOR OF SCIENCE IN CIVIL ENGINEERING****M.S., CIVIL ENGINEERING - WATER RESOURCES AND WATER TREATMENT**

17 CURRENT PROFESSIONAL REGISTRATION

*(STATE AND DISCIPLINE)***FLORIDA PE, NO. Pending; Texas PE No. 126866**18 OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Ms. Torres has 10 years of experience that includes project management of water and wastewater planning and design projects, evaluation of water and wastewater treatment plants, distribution and collection systems, site development, design of wastewater pump station, preparation of design build criteria package for wastewater plant and environmental site assessment. Responsibilities include site plan development for both public and private engineering projects, drainage studies, feasibility studies, water and wastewater facilities inspection, preparation of bid packages including technical specifications, scheduling, construction cost estimates and engineering services during construction.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
Engineer, WWTP Rehabilitation Pembroke Pines, FL	On-going	
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The City of Pembroke Pines required a Consulting Engineer to prepare a design criteria package to rehabilitate several process units at the Pembroke Pines Wastewater Treatment Plant (WWTP). The project consisted on rehabilitation of the East Influent Pump Station, East and West Surge Tank, Treatment Unit No. 5, air piping repairs and odor control FRP duct work repair. As Project Manager, evaluated the rehabilitation requirements, prepared the basis of design report, set of plans, technical specifications, engineers opinion of probable construction cost as part of the design criteria package.		
Engineering Services, Booster Stations Disinfection System Improv. Pembroke Pines, FL	On-going	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for the design services during construction, in charge of shop drawings review, respond request for information (RFI) and overseeing construction progress. Scope of the project includes installation of new bulk-liquid sodium hypochlorite disinfection systems, interconnection of influent and effluent piping, new chemical injection points and related appurtenances.		
Sodium Hypochlorite System Rehab and CO2 Injection System Pembroke Pines, FL	On-going	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for the design services during construction, in charge of shop drawings review, respond request for information (RFI) and overseeing construction progress. Scope of the project includes replace sodium hypochlorite injection skids and transfer pumps, new carbon dioxide feed system, new turbidity meters, installation of post-clearwell ammonia analyzers, among other improvements to the Water Treatment Plant (WTP).		
Onsite Sodium Hypo Generation Systems San Antonio, Texas	2016	2017
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Engineer, assisted on the design services during construction for the construction phase of the project, including inspection of civil and structural works involved in the construction of three on-site sodium hypochlorite disinfection systems.		

e.	(1) TITLE AND LOCATION (<i>City and State</i>) Leon Creek WRC RAS Pump Station No. 2 Improvements San Antonio, Texas	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
		2016	2017-18
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Design Leader, designed the improvements of the RAS pump station, including hydraulic evaluation for the proposed new pumps, preparation of specifications, cost estimate, submittal and RFI review.	<input type="checkbox"/> Check if project performed with current firm	
f.	(1) TITLE AND LOCATION (<i>City and State</i>) Recycle Water System Upgrade Silao, Mexico	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
		2017	N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Civil Design Leader, designed the civil site improvements for a Recycle Water System upgrades for a private utility located in Mexico, including site grading, fuel truck loading/unloading area, drainage, erosion and sediment control design and preparation of technical specifications.	<input type="checkbox"/> Check if project performed with current firm	
g.	(1) TITLE AND LOCATION (<i>City and State</i>) North Coast Aqueduct Water Treatment Plan Lagoon Improvements Arecibo, Puerto Rico	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
		2016-17	2017
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager of the Dredging of the Sludge Lagoon project, including coordination of studies, evaluation of alternatives and preparation of the bid package. The project consisted on improvements to two sediment control lagoons; including dredging for sediment control.	<input type="checkbox"/> Check if project performed with current firm	
h.	(1) TITLE AND LOCATION (<i>City and State</i>) Evaluation of Sanitary Sewer System for Reduction of I/I Jayuya, Perto Rico	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
		2012	N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager of the I/I planning project of the Jayuya and Toa Alta Heights Wastewater Collection Systems, including coordination with the subconsultant to evaluate alternatives and provide ecommendations needed to improve the service areas.	<input type="checkbox"/> Check if project performed with current firm	
i.	(1) TITLE AND LOCATION (<i>City and State</i>) Ciales WWTP Expansion and New Morovis WWTP Ciales/Morovis, Puerto Rico	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
		2010-11	2012-13
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE The Ciales WWTP Expansion project consisted on increasing the treatment capacity to 1.5 mgd by adding a secondary unit process. The New Morovis Waste Water Treatment Plant (WWTP) project consisted on increasing the treatment capacity from 0.5 mgd of the existing plant to 1.7 mgd average daily flow. Additionally, new treatment processes were designed to meet future stricter effluent regulatory requirements. As Design Engineer representative, provided the design services during construction including attend weekly progress meetings, meeting minutes, submittals, request for information (RFIs) and change orders review.	<input type="checkbox"/> Check if project performed with current firm	
j.	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
k.	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
l.	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12 NAME CURT A. KEYSER, PE	13 ROLE IN THIS CONTRACT CIVIL ENGINEERING	14. YEARS EXPERIENCE	
		a TOTAL 28	b WITH CURRENT FIRM 5

15 FIRM NAME AND LOCATION *(City and State)***CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA**16 EDUCATION *(DEGREE AND SPECIALIZATION)***BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING
VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY**

17 CURRENT PROFESSIONAL REGISTRATION

(STATE AND DISCIPLINE)
FLORIDA PE, NO. 5140718 OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Mr. Keyser is a licensed Professional Engineer and a Certified Contractor in 5 categories in the State of Florida. He has 26 years of leadership, management, and engineering experience, including an extensive project management background that includes site development; design of utilities; paving, grading, and drainage; artificial turf athletic fields; fuel systems; and ADA compliance upgrades. Mr Keyser also possesses an extensive knowledge of The Florida Building Code and local municipal engineering code requirements.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> District Engineer Services, Wentworth Estates Community Development District, Naples, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Oversee engineering activities for the District, including planning; budgeting; preparation of reports, plans, designs, specifications, and studies; plans review for both engineering permits and Development Review; construction management; construction observation; inventory and maintenance of District assets.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Village Engineer Services, Bal Harbour, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Oversee utility and engineering plans reviews for both engineering permits and Development Review; capital projects budgeting; and maintenance and updating of engineering codes and standards; grant identification, application and administration; operation and maintenance of water, wastewater and Stormwater utilities; provide associated regulatory monitoring and compliance services; and administer the Village's NPDES/Stormwater Master Plan programs	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Auxiliary Town Engineer Services, Surfside, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Oversee engineering plans review for both engineering permits and Development Review; capital projects budgeting; and maintenance and updating of engineering codes and standards; grant identification, application and administration; operation and maintenance of water, wastewater and Stormwater utilities; provide associated regulatory monitoring and compliance services; and administer the Town's NPDES/Stormwater Master Plan programs	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> City Engineer Services, Weston, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Oversee engineering plans review for both engineering permits and Development Review; capital projects budgeting; and maintenance and updating of engineering codes and standards; grant identification, application and administration; operation and maintenance of water, wastewater and Stormwater utilities; provide associated regulatory monitoring and compliance services; and administer the Town's NPDES/Stormwater Master Plan programs	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Continuing Engineering Consulting Services, Cooper City, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

	Project manager, Contract Manager, and Client Liaison for various capital improvement projects performed under the continuing services contract. Projects include water, sewer, drainage, roadway, parks, and municipal facilities improvements, as well as traffic engineering, surveying, environmental engineering, and planning services. Professional Fees: \$200,000. Value of Construction: \$800,000	
	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Continuing Engineering Consulting Services, Davie, FL	PROFESSIONAL SERVICES On-going
	CONSTRUCTION (<i>if applicable</i>)	
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 Project manager, Contract Manager, and Client Liaison for various capital improvement projects performed under the continuing services contract. Projects include water treatment plant, sewer treatment plant, water, sewer, drainage, roadway, parks, and municipal facilities improvements, as well as traffic engineering, surveying, environmental engineering, and planning services. Professional Fees: \$2,000,000. Value of Construction: \$20,000,000	
	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Continuing Engineering Consulting Services, Hallandale Beach, FL	PROFESSIONAL SERVICES On-going
	CONSTRUCTION (<i>if applicable</i>)	
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 Project manager, Contract Manager, and Client Liaison for various capital improvement projects performed under the continuing services contract. Projects include water, sewer, drainage, roadway, parks, and municipal facilities improvements, as well as traffic engineering, surveying, environmental engineering, and planning services. Professional Fees: \$1,000,000. Value of Construction: \$18,000,000	
	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Continuing Engineering Consulting Services, Key Biscayne, FL	PROFESSIONAL SERVICES On-going
	CONSTRUCTION (<i>if applicable</i>)	
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 Project manager, Contract Manager, and Client Liaison for various capital improvement projects performed under the continuing services contract. Projects include water, sewer, drainage, roadway, parks, and municipal facilities improvements, as well as traffic engineering, surveying, environmental engineering, and planning services. Professional Fees: \$100,000. Value of Construction: Pending	
	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Artificial Turf Field Conversions, Pine Island Park Plantation, FL	PROFESSIONAL SERVICES 2017-Ongoing
	CONSTRUCTION (<i>if applicable</i>)	
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 Project manager and client liaison for design and permitting of the rehabilitation of six (6) existing natural turf fields and the construction of one (1) new artificial turf field.	
	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Artificial Turf Field Conversions, Patch Reef Park Fields #1, #2, and #3 Boca Raton, FL	PROFESSIONAL SERVICES 2017
	CONSTRUCTION (<i>if applicable</i>) TBD	
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 Project manager and client liaison for design and permitting of a new artificial turf surfaces on three existing football/soccer/lacrosse fields, including new drainage system and base.	
	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Artificial Turf Field Conversions, Bamford Park Football Fields #1 and 2 Davie, FL	PROFESSIONAL SERVICES 2016-17
	CONSTRUCTION (<i>if applicable</i>) 2017	
k.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager and client liaison for design and permitting of a new artificial turf surfaces on two existing football/soccer/lacrosse fields, including new drainage system and base.	
	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Artificial Turf Field Conversions, Regional Park Soccer Fields #1 and 2 Weston, FL	PROFESSIONAL SERVICES 2016-17
	CONSTRUCTION (<i>if applicable</i>) 2017	
l.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager and client liaison for design and permitting of new artificial turf surfaces on two existing soccer fields, including new drainage system and base.	
	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Mills Pond Park Athletic Fields Addition Fort Lauderdale, FL	PROFESSIONAL SERVICES 2016
	CONSTRUCTION (<i>if applicable</i>) 2017	
m.	(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 Quality Control and project management for design and permitting of new athletic fields, including new fields, new drainage system and base, new artificial turf playing surfaces, new sports lighting, new walkways, and new parking.						
n.	(1) TITLE AND LOCATION (<i>City and State</i>) Artificial Turf Conversion, Tequesta Trace Park Football/Lacrosse Fields #2 Weston, FL	<input checked="" type="checkbox"/> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2015-16</td> <td>2017</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2015-16	2017
	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)				
	2015-16	2017				
(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager and Engineer-of-Record for design and permitting of a new artificial turf surface on the existing football field, including new drainage system and base.						
o.	(1) TITLE AND LOCATION (<i>City and State</i>) Artificial Turf Conversion, Cypress Bay High School Football Field Weston, FL	<input checked="" type="checkbox"/> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2015</td> <td>N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2015	N/A
	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)				
	2015	N/A				
(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager and Engineer-of-Record for design and permitting of a new artificial turf surface on two (2) existing football/lacrosse fields, including new drainage system and base.						
p.	(1) TITLE AND LOCATION (<i>City and State</i>) Tennis Courts Relocation, Oak Grove Park Miami-Dade County, FL	<input checked="" type="checkbox"/> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2013-14</td> <td>2015</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2013-14	2015
	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)				
	2013-14	2015				
(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE Responsible for Quality Control and project management for design of new tennis courts and related walkway, fencing, landscaping, and related drainage improvements for Miami-Dade Parks and Recreation Department at Oak Grove Park, Miami-Dade County.						
q.	(1) TITLE AND LOCATION (<i>City and State</i>) Windmill Park Improvements Coconut Creek, FL	<input checked="" type="checkbox"/> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2016</td> <td>2017</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2016	2017
	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)				
	2016	2017				
(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE Responsible for Quality Control and project management for design and permitting of new tennis court surfaces, new parking areas, and new playgrounds, and revised drainage, utilities, and walkways to accommodate the improvements.						
r.	(1) TITLE AND LOCATION (<i>City and State</i>) Peace Mound Park ADA Improvements Weston, FL	<input checked="" type="checkbox"/> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2014-15</td> <td>2015</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2014-15	2015
	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)				
	2014-15	2015				
(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE Responsible for Quality Control and project management for design and permitting of ADA compliance upgrades to the public facilities Peace Mound Park, Weston.						
s.	(1) TITLE AND LOCATION (<i>City and State</i>) 98th Street Park Bay Harbor Islands, FL	<input checked="" type="checkbox"/> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2013</td> <td>2014</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2013	2014
	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)				
	2013	2014				
(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE Responsible for Quality Control and project management for the design and permitting of a new, passive, neighborhood park, including a restroom facility, an interactive splash pad with water jets and sculptural features, two separate play equipment areas -each shaded and installed on poured-in-place rubberized surfacing – and a shelter pavilion. The project also included landscape improvements, site drainage and site lighting.						
t.	(1) TITLE AND LOCATION (<i>City and State</i>) Public Works Fleet Fueling Facility, Weston, FL	<input checked="" type="checkbox"/> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2010</td> <td>2011</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2010	2011
	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)				
	2010	2011				
(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE Engineer-of-Record, lead designer, and Project Manager for design and permitting of a new fleet fueling facility, including (2) underground fuel tanks, piping, dispensers, concrete fuel island slab, steel canopy, and associated electrical service and manual transfer switch. Performed all mechanical and civil design and permitting. Professional Fees: \$20,000. Value of Construction: \$400,000						
u.	(1) TITLE AND LOCATION (<i>City and State</i>) Public Works Fleet Fueling Facility, Sunrise, FL	<input type="checkbox"/> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2010</td> <td>2011</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2010	2011
	PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)				
	2010	2011				
(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm						

Engineer-of-Record, lead designer, and Project Manager for design and permitting of a new fleet fueling facility, including (2) underground fuel tanks, piping, dispensers, concrete fuel island slab, steel canopy, and associated electrical service and manual transfer switch. Performed all mechanical and civil design and permitting. Professional fees: \$20,000. Value of Construction: \$400,000

v.	(1) TITLE AND LOCATION <i>(City and State)</i> Government Services Fleet Fueling Facility, Aventura, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2000	CONSTRUCTION <i>(if applicable)</i> 2001
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Engineer-of-Record, lead designer, and Project Manager for design and permitting of a new fleet fueling facility, including (1) underground fuel tank, piping, dispensers, concrete fuel island slab, steel canopy, and associated electrical service and manual transfer switch. Performed all mechanical and civil design and permitting. Professional fees: \$18,500. Value of Construction: \$375,000		
w.	(1) TITLE AND LOCATION <i>(City and State)</i> School Board of Broward County SW Bus Depot Fleet Fueling Facility and Bus Wash, Pembroke Pines, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(if applicable)</i> 2009
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Engineer-of-Record, lead designer, and Project Manager for design and permitting of a new fleet fueling facility, including (3) underground fuel tanks, piping, dispensers, concrete fuel island slab, steel canopy, and associated electrical service and manual transfer switch, and plumbing and electrical service associated with an automated Bus Wash. Performed all mechanical and civil design and permitting. Professional fees: \$58,000. Value of Construction:		
x.	(1) TITLE AND LOCATION <i>(City and State)</i> Contractor's Business Park Fuel System and Car Wash West Palm Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2004-05	CONSTRUCTION <i>(if applicable)</i> 2005-06
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of a new car wash facility and fueling system, including a CBS car wash building and associated plumbing and utilities, a 12,000 gallon compartmented underground fuel storage tank, associated piping, 4 fuel dispensers, fuel management system, electronic leak detection system, steel fuel island canopy, and associated electrical. Performed mechanical, plumbing, electrical, instrumentation and controls, and civil design and permitting.		
y.	(1) TITLE AND LOCATION <i>(City and State)</i> Contractor's Business Park Fuel System Pompano Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2001-02	CONSTRUCTION <i>(if applicable)</i> 2002-03
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of a new fueling system, including a 12,000 gallon compartmented underground fuel storage tank, associated piping, 2 fuel dispensers, fuel management system, electronic leak detection system, and associated electrical. Performed mechanical, electrical, instrumentation and controls, and civil design and permitting.		
z.	(1) TITLE AND LOCATION <i>(City and State)</i> Port Consolidated Card Lock Fleet Fueling System Fort Pierce, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2004-05	CONSTRUCTION <i>(if applicable)</i> 2006-07
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of a new card lock fueling system, including (4) 20,000 gallon underground fiberglass diesel fuel storage tanks, (1)30,000 gallon compartmented underground fiberglass gasoline storage tank, a loading rack, 4 fuel lanes, associated piping, fuel management system, electronic leak detection system, steel fuel island canopy, and associated electrical. Performed mechanical, electrical, instrumentation and controls, and civil design and permitting.		
aa.	(1) TITLE AND LOCATION <i>(City and State)</i> Port Consolidated Card Lock Fleet Fueling System Port Everglades, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2005-06	CONSTRUCTION <i>(if applicable)</i> 2006
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of a new card lock fueling system, including a 4,000 gallon aboveground gasoline tank with associated dispenser, a 20,000 gallon compartmented underground fuel storage tank, 3 fuel lanes, associated piping, fuel management system, electronic leak detection system, steel fuel island canopy, and associated electrical. Performed mechanical, electrical, instrumentation and controls, and civil design and permitting.		
ab.	(1) TITLE AND LOCATION <i>(City and State)</i> Miami Jewish Home and Hospital for the Aged, Aboveground Fuel Storage Tank and Generator Piping, Miami, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2006	CONSTRUCTION <i>(if applicable)</i> 2006
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		

Engineer-of-Record, lead designer, and Project Manager for design and permitting of a new 4000 gallon aboveground fuel storage tank, associated piping, generator day tank, and associated fuel oil supply and return piping connection to permanent emergency generator. Performed all mechanical and civil design and permitting. Professional fees: \$12,500. Value of Construction: \$225,000		
ac.	(1) TITLE AND LOCATION <i>(City and State)</i> Hallandale Beach NE Quadrant Drainage Improvements Hallandale Beach, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 2012-13	CONSTRUCTION <i>(if applicable)</i> 2014-15
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design Engineer for the rehabilitation of the drainage system within the City of Hallandale Beach's NE Quadrant, including design of fuel system and piping for diesel fuel tanks and generators. The project included modifications and additions to the existing collection system, the installation of two new pumping stations with diesel engines and back-up generators, storm water force mains and injection wells, and relocation of existing utilities in conflict. The sixteen new wells will be pressurized with fifteen (15) feet of head in order to produce the necessary discharge into the G3 aquifer. FDEP and the Broward County Environmental Resource Department have permitted the project. Permitting, bidding and award, engineering during construction, construction services and project close out were also included. This project is funded by FEMA HMGP grant funds.	
ad.	(1) TITLE AND LOCATION <i>(City and State)</i> Basin 5 Stormwater Master Plan Dania Beach, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 2013-15	CONSTRUCTION <i>(if applicable)</i> 2015-16
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Quality Control for design and permitting for the improvements contained in the recommendation of the Storm Water Master Plan of Basin 5. The proposed drainage improvements consist of four duplex pump stations, more than 20,000 linear feet of higher capacity storm sewer to improve storm water conveyance, more efficient discharge outfall systems and exfiltration trenches to improve area water quality. The retrofitted drainage system within the Basin 5 drainage areas attenuates the storm water runoff and reduces the frequency and duration of flooding.	
ae.	(1) TITLE AND LOCATION <i>(City and State)</i> Memorial West Hospital Same Day Surgery Center Parking Lot Pembroke Pines, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 2013	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 Engineer-of-Record, lead designer, and Project Manager for a new parking lot and ADA upgrades to an existing, adjacent parking lot to accommodate patients and employees of the Same Day Surgical Center. Performed all civil design and coordinated all permitting activities. CGA's fees: \$58,985. Value of Construction: \$567,650.	
af.	(1) TITLE AND LOCATION <i>(City and State)</i> Pines Boulevard Bus Stop, Pembroke Pines, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 2000	CONSTRUCTION <i>(if applicable)</i> 2001
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project manager and lead designer for Broward County Mass Transit Authority bus stop bay on north side of Pines Boulevard West of University Drive in connection with the redevelopment of the Mobil gas station on the northwest corner of that intersection. Responsible for design and permitting. Professional fees: \$5,000. Value of Construction: \$20,000.	
ag.	(1) TITLE AND LOCATION <i>(City and State)</i> Shell Access Road, Dania Beach, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 1997	CONSTRUCTION <i>(if applicable)</i> N/A?
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project manager and lead designer for access road, and associated drainage, from Stirling Road to rear of proposed Shell gas station for future development of a hotel. Responsible for design and permitting. Professional fees: 39,500. Value of Construction: \$300,000.	
ah.	(1) TITLE AND LOCATION <i>(City and State)</i> Pines Mobil Turn Lane, Pembroke Pines, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 2000	CONSTRUCTION <i>(if applicable)</i> 2001
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project manager and lead designer for increased storage and taper at left turn lane from northbound University Drive to westbound Pines Boulevard in connection with the redevelopment of the Mobil gas station on the northwest corner of the intersection. Responsible for design and permitting. Professional fees: \$18,500. Value of Construction: \$120,000.	
ai.	(1) TITLE AND LOCATION <i>(City and State)</i> Water Treatment Plant Communications Towers Palm Beach County, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 2013	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	

Project Manager and lead designer for design and construction of communications towers at Palm Beach County Water Treatment Plant #9, Water Treatment Plant #11, and Morikami Park Reclaimed Water Treatment Plant.		
aj.	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Water Treatment Plant Degasifier Improvements	PROFESSIONAL SERVICES
	Delray Beach, FL	2013-15
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		CONSTRUCTION (<i>if applicable</i>)
Project Manager for major improvements to the odor control system at Palm Beach County Water Treatment Plant #3.		2015
ak.	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Sewer Main Extension @ Miami Gardens Drive & U.S. 441	PROFESSIONAL SERVICES
	Miami Gardens, FL	2011
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		CONSTRUCTION (<i>if applicable</i>)
Engineer-of-Record, lead designer, and Project Manager for 400 l.f. extension of an 8" diameter gravity sewer line in Miami Gardens Drive, including installation of a private o/w separator and connection of a commercial property to the public sewer. Performed all civil design and permitting. Professional fees: \$14,750. Value of Construction: \$115,000		2012
al.	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Sewer Main Force Main Interconnects	PROFESSIONAL SERVICES
	Weston, FL	2012-13
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		CONSTRUCTION (<i>if applicable</i>)
Project Manager and designer for design of five (5) large force main system interconnects to resolve flow restriction problems throughout the City of Weston's sanitary sewer system.		2014
am.	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Gravity Sewer Main Extension, Hess	PROFESSIONAL SERVICES
	Cutler Bay, FL	2008-09
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		CONSTRUCTION (<i>if applicable</i>)
Engineer-of-Record, lead designer, and Project Manager for abandonment of septic system, extension of gravity sewer main, and connection to public sewer via 4" gravity sewer lateral @ 16725 S. Dixie Hwy.		N/A
an.	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Gravity Sewer Main Extension & Water Main Ext., Amoco	PROFESSIONAL SERVICES
	Palm Beach County, FL	2001
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		CONSTRUCTION (<i>if applicable</i>)
Engineer-of-Record, lead designer, and Project Manager for abandonment of septic system and water supply well, extension of gravity sewer main and water main, connection to public sewer via 4" gravity sewer lateral, and connection to public water via new service line @ 4567 S. Congress Ave.		
ao.	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Septic System and Dosing Tank, Hess Oil	PROFESSIONAL SERVICES
	Dania Beach, FL	2009
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		CONSTRUCTION (<i>if applicable</i>)
Engineer-of-Record, Designer, and Project Manager for removal of existing septic system and installation of new septic tank, dosing tank, distribution box, and septic field @ 4155 Griffin Road.		2010
ap.	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Lift Station and Force Main Installation, Eagle Transport	PROFESSIONAL SERVICES
	Port Everglades, FL	2013
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		CONSTRUCTION (<i>if applicable</i>)
Engineer-of-Record, lead designer, and Project Manager for abandonment of septic system and installation of new lift station with 2" diameter HDPE force main connected to existing 8" sanitary force main. Responsibilities included preparation of work scope, contract documents, and plans detailing mechanical, electrical, and site work design; securing of permits from Utilities Department, Health Department, and Building Department; coordination with sub-consultants and contractor; construction inspections and certifications; and final project delivery and close-out. CGA's fees: \$29,500. Value of Construction: \$135,000		2014
aq.	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED
	Lift Station and Force Main Installation, Hess Oil	PROFESSIONAL SERVICES
	Hollywood, FL	2010-11
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		CONSTRUCTION (<i>if applicable</i>)
		2013

Project Manager, Designer, and Engineer-of-Record for installation of new lift station with 2" diameter x 200 l.f. HDPE force main connected to existing 6" sanitary force main @ 6395 Taft Street.		
ar.	(1) TITLE AND LOCATION <i>(City and State)</i> Lift Station and Force Main Installation, Advance Auto Parts Hollywood, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 2005-06	CONSTRUCTION <i>(if applicable)</i> 2007
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Engineer-of-Record, lead designer, and Project Manager for installation of new lift station @ 1200 N. Dixie Highway with 2" diameter x 1500 l.f. HDPE force main extending west on Garfield Street and connecting to existing 8" sanitary force main at 24th Avenue.	
as.	(1) TITLE AND LOCATION <i>(City and State)</i> Lift Station and Force Main Installation, Shell Oil Tamarac, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 1997	CONSTRUCTION <i>(if applicable)</i> 1998
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and lead designer for abandonment of septic system and installation of new lift station @ 5001 N. SR 7 with 2" diameter x 450 l.f. HDPE force main connected to existing 8" sanitary force main.	
at.	(1) TITLE AND LOCATION <i>(City and State)</i> Lift Station and Force Main Installation, Shell Oil Plantation, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 1996	CONSTRUCTION <i>(if applicable)</i> 1997
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and lead designer for abandonment of septic system and installation of new lift station @ 1 NW 40th Street with 2" diameter x 1200 l.f. HDPE force main extending west on Broward Blvd and connecting to existing 8" sanitary force main at NW 42nd Ave.	
au.	(1) TITLE AND LOCATION <i>(City and State)</i> Connection to Public Sanitary Sewer, Hess Oil Fort Lauderdale, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(if applicable)</i> 2011
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Engineer-of-Record, Project Manager, and lead designer for abandonment of septic system and connection to public sewer via 4" gravity sewer lateral @ 6191 N. Powerline Road.	
av.	(1) TITLE AND LOCATION <i>(City and State)</i> Connection to Public Sanitary Sewer, Sunshine #80 Hialeah, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 2004	CONSTRUCTION <i>(if applicable)</i> 2005
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager, Designer, and Engineer-of-Record for Site re-development, including abandonment of septic system and connection to public sewer via 4" gravity sewer lateral @ 800 Hialeah Drive.	
aw.	(1) TITLE AND LOCATION <i>(City and State)</i> Connection to Public Sanitary Sewer, Sunshine #18 Hialeah, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 2005	CONSTRUCTION <i>(if applicable)</i> 2006
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager, Designer, and Engineer-of-Record for Site re-development, including abandonment of septic system and connection to public sewer via 4" gravity sewer lateral @ 5485 Palm Ave.	
ax.	(1) TITLE AND LOCATION <i>(City and State)</i> Connection to Public Sanitary Sewer, Sunshine #21 Miami-Dade County, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 2003-04	CONSTRUCTION <i>(if applicable)</i> 2005
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager, Designer, and Engineer-of-Record for Site re-development, including abandonment of septic system and connection to public sewer via 4" gravity sewer lateral @ 8701 SW 72nd Street.	
ay.	(1) TITLE AND LOCATION <i>(City and State)</i> Connection to Public Sanitary Sewer, Sunshine #58 Fort Lauderdale, FL	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES 2003-04	CONSTRUCTION <i>(if applicable)</i> 2005
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager, Designer, and Engineer-of-Record for Site re-development, including abandonment of septic system and connection to public sewer via 4" gravity sewer lateral @ 5801 NH. Federal Hwy.	
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED

az.	Connection to Public Sanitary Sewer, Shell Oil Davie, FL	PROFESSIONAL SERVICES 1997	CONSTRUCTION (if applicable) 1997
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager and lead designer for abandonment of septic system and connection to public sewer via 4" gravity sewer lateral @ 4801 S. SR 7	<input type="checkbox"/> Check if project performed with current firm	
ba.	(1) TITLE AND LOCATION (<i>City and State</i>) Connection to Public Sanitary Sewer, Shell Oil Pompano Beach, FL	PROFESSIONAL SERVICES 1994	CONSTRUCTION (if applicable) 1995
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager and lead designer for abandonment of septic system and connection to public sewer via 4" gravity sewer lateral @ 2491 W. Atlantic Blvd.	<input type="checkbox"/> Check if project performed with current firm	
bb.	(1) TITLE AND LOCATION (<i>City and State</i>) Connection to Public Sanitary Sewer, Shell Oil Palm Beach County, FL	PROFESSIONAL SERVICES 1993	CONSTRUCTION (if applicable) 1994
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager and lead designer for abandonment of septic system and connection to public sewer via 4" gravity sewer lateral @ 1541 Belvedere Road.	<input type="checkbox"/> Check if project performed with current firm	
bc.	(1) TITLE AND LOCATION (<i>City and State</i>) Connection to Public Sanitary Sewer, Shell Oil Homestead, FL	PROFESSIONAL SERVICES 19998	CONSTRUCTION (if applicable) 1999
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager and lead designer for abandonment of septic system and connection to public sewer via 4" gravity sewer lateral @ 30400 S. Federal Hwy.	<input type="checkbox"/> Check if project performed with current firm	
bd.	(1) TITLE AND LOCATION (<i>City and State</i>) Connection to Public Sanitary Sewer, Shell Oil Dade County, FL	PROFESSIONAL SERVICES 1991	CONSTRUCTION (if applicable) 1992
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager and lead designer for abandonment of septic system and connection to public sewer via 4" gravity sewer lateral @ 7201 NW 36th Street.	<input type="checkbox"/> Check if project performed with current firm	
be.	(1) TITLE AND LOCATION (<i>City and State</i>) Connection to Public Sanitary Sewer, Shell Oil Dade County, FL	PROFESSIONAL SERVICES 1991	CONSTRUCTION (if applicable) 1991
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager and lead designer for abandonment of septic system and connection to public sewer via 4" gravity sewer lateral @ 18600 S. Dixie Hwy.	<input type="checkbox"/> Check if project performed with current firm	
bf.	(1) TITLE AND LOCATION (<i>City and State</i>) Mobil Permanent Generator Miami-Dade County, FL	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) 2008
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager and Engineer-of-Record for design and permitting of a new 150KW Generator, including manual transfer switch and 1000 gallon sub-base aboveground fuel tank, and associated electrical service modifications. Performed electrical design, mechanical design, and permitting.	<input type="checkbox"/> Check if project performed with current firm	
bg.	(1) TITLE AND LOCATION (<i>City and State</i>) Mobil Permanent Generator Miami, FL	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) 2008
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager and Engineer-of-Record for design and permitting of a new 150KW Generator, including manual transfer switch and 1000 gallon sub-base aboveground fuel tank, and associated electrical service modifications. Performed electrical design, mechanical design, and permitting.	<input type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION (<i>City and State</i>) Mobil Permanent Generator Miami Garden, FL	PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable) 2008

bh.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of a new 150KW Generator, including manual transfer switch and 1000 gallon sub-base aboveground fuel tank, and associated electrical service modifications. Performed electrical design, mechanical design, and permitting.						
(1) TITLE AND LOCATION (<i>City and State</i>) Mobil Permanent Generator Fort Lauderdale, FL		(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2008</td> <td>2008</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2008	2008
PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)						
2008	2008						
bi.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of a new 150KW Generator, including manual transfer switch and 1000 gallon sub-base aboveground fuel tank, and associated electrical service modifications. Performed electrical design, mechanical design, and permitting.						
(1) TITLE AND LOCATION (<i>City and State</i>) Mobil Permanent Generator Green Acres, FL		(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2008</td> <td>2008</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2008	2008
PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)						
2008	2008						
bj.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of a new 150KW Generator, including manual transfer switch and 1000 gallon sub-base aboveground fuel tank, and associated electrical service modifications. Performed electrical design, mechanical design, and permitting.						
(1) TITLE AND LOCATION (<i>City and State</i>) Mobil Permanent Generator West Palm Beach, FL		(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2008</td> <td>2008</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2008	2008
PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)						
2008	2008						
bk.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of a new 150KW Generator, including manual transfer switch and 1000 gallon sub-base aboveground fuel tank, and associated electrical service modifications. Performed electrical design, mechanical design, and permitting.						
(1) TITLE AND LOCATION (<i>City and State</i>) Shell Temporary Generator Accommodations Miami-Dade County, FL		(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2006</td> <td>2007</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2006	2007
PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)						
2006	2007						
bl.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of accommodations for temporary generator connections at (16) gas stations/convenience stores, including a new generator tap box, manual transfer switch, associated electrical service modifications, and concrete slab with anchor lugs at each facility. Performed electrical and civil design and permitting.						
(1) TITLE AND LOCATION (<i>City and State</i>) Shell Temporary Generator Accommodations Broward County, FL		(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2006</td> <td>2007</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2006	2007
PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)						
2006	2007						
bm.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of accommodations for temporary generator connections at (8) gas stations/convenience stores, including a new generator tap box, manual transfer switch, associated electrical service modifications, and concrete slab with anchor lugs at each facility. Performed electrical and civil design and permitting.						
(1) TITLE AND LOCATION (<i>City and State</i>) Shell Temporary Generator Accommodations Palm Beach County, FL		(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2006</td> <td>2007</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2006	2007
PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)						
2006	2007						
bn.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of accommodations for temporary generator connections at (3) gas stations/convenience stores, including a new generator tap box, manual transfer switch, associated electrical service modifications, and concrete slab with anchor lugs at each facility. Performed all electrical and civil design and permitting.						
(1) TITLE AND LOCATION (<i>City and State</i>) Shell Temporary Generator Accommodations Collier County, FL		(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (<i>if applicable</i>)</td> </tr> <tr> <td>2006</td> <td>2007</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)	2006	2007
PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)						
2006	2007						
bo.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of accommodations for temporary generator connections at (3) gas stations/convenience stores, including a new generator tap box, manual transfer switch, associated electrical service modifications, and concrete slab with anchor lugs at each facility. Performed electrical and civil design and permitting.						

bp.	(1) TITLE AND LOCATION (<i>City and State</i>) Shell Temporary Generator Accommodations Manatee County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
		(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager and Engineer-of-Record for design and permitting of accommodations for temporary generator connections at (2) gas stations/convenience stores, including a new generator tap box, manual transfer switch, associated electrical service modifications, and concrete slab with anchor lugs at each facility. Performed electrical and civil design and permitting.	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12 NAME NICHOLAS W. KANELIDIS, PE	13 ROLE IN THIS CONTRACT CIVIL ENGINEER	14. YEARS EXPERIENCE	
		a TOTAL 7	b WITH CURRENT FIRM 4
15 FIRM NAME AND LOCATION <i>(City and State)</i> CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA			
16 EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> MASTER OF ENGINEERING, UNIVERSITY OF FLORIDA, 2011 B.S., CIVIL ENGINEERING, FLORIDA STATE UNIVERSITY, 2009		17 CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> PROFESSIONAL ENGINEER #78536 CIVIL ENGINEERING, FLORIDA	
18 OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

Mr. Kanelidis' background experience encompasses site design, civil, geotechnical, surface water management, water, and wastewater services to both the private and public sector. He also had significant involvement with his prior firm in representing Sunshine Water Control District as District Engineer working on numerous Capital Improvements Projects. As a Project Manager at CGA, his responsibilities include preparing proposals and labor breakdowns, developing and managing project schedules, hydrologic and hydraulic modeling, developing quantity take-offs and cost estimates, preparing various engineering plans and technical specifications, permitting, bidding assistance, project management throughout construction, addressing Contractor RFI's, reviewing shop drawings, negotiating and reviewing change orders, as-built reviews, and final project certifications. As an engineer with previous design and field experience, he is versatile in his ability to perform the tasks at each individual project stage.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Lloyd Estates Residential and Industrial Improvements Oakland Park, FL	(5) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014 - 2015	CONSTRUCTION <i>(if applicable)</i> 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 Project Engineer for the design and modification of a stormwater conveyance system in order to improve flooding within the Lloyd Estates Neighborhood. The project included a stormwater pump station and floodgates for major storm events. New seawalls were designed and constructed downstream of the station that ultimately discharged to the ocean via the South Florida Water Management District (SFWMD) C-13 Canal. The pump station site provided means for erosion control that included rip-rap design. We also coordinated and assessed the environmental impacts through SFWMD and the Army Corps of Engineers (ACOE). In addition to stormwater discharge improvements, several areas included upgrades to the water distribution system for fire protection services. The project funding was driven by a FEMA grant. Project responsibilities included hydraulic modeling, design, review of construction plans, permitting, quantity take-offs, cost estimating, preparing technical specifications, bidding assistance, shop drawing review, addressing RFI's, reviewing change orders, and coordinating final certifications.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Natalie's Cove Drainage Improvements Cooper City, FL	(5) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013 - 2018	CONSTRUCTION <i>(if applicable)</i> 2018 - Present
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer for the design and modification of a stormwater conveyance system for drainage improvements in the local neighborhood. A drainage model and analysis was conducted for the entire basin, and it was determined that significant improvements could be attained from increasing conveyance pipe sizes throughout the system. Also, stormwater level of service would be improved by increasing the existing lake storage capacity by dredging and excavating along the bank to create wetlands on a littoral shelf. In addition to these stormwater improvements, the project consisted of roadway resurfacing and ADA compliance for pedestrian sidewalks. Project responsibilities included hydraulic modeling, design, permitting, addressing agency comments, quantity take-offs, cost estimating, preparing technical specifications, and providing professional services during bidding. CGA is currently under contract to provide services during construction that include reviewing shop drawings, addressing RFI's, construction inspections, and final certifications.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> NE 57th Street Water Main Replacement Fort Lauderdale, FL	(5) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i> 2015
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for a residential water main replacement project where water quality and age of the existing infrastructure were the primary issues. Approximately 1,850 linear feet of a new looped system with fire hydrants was designed and constructed. Project tasks included design, checking compliance with local and state standards, permitting, conducting routine construction inspections, and final project certification.		

d.	(1) TITLE AND LOCATION <i>(City and State)</i> Lift Station No. 52 Replacement Cooper City, FL	(5) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2015 - 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 Project Manager for a municipal sewer pump station replacement project. Improvements were needed due to the expiring service life of the pumps and their insufficient operating capacity during peak flows. Tasks included design, permitting, interpreting pressure data logger readings, hydraulic calculations, coordinating with pump manufacturers, existing sewer flow analysis, monitoring geotechnical work, and coordinating with other professional disciplines.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Bid Pack 9 Infrastructure Improvements Oakland Park, FL	(5) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2014 - 2015	2015 - 2017
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer during the construction phase of a large scale infrastructure improvements project that included replacement of three municipal lift stations, approximately 20,000 linear feet of water main, 5,600 linear feet of force main, and significant drainage improvements throughout the 500 acre site. Responsibilities included shop drawing reviews, attending progress meetings, engineering during construction, as-built reviews, reviewing change orders, and coordinating final certifications.		
f.	(1) TITLE AND LOCATION <i>(City and State)</i> Bid Pack 8 Infrastructure Improvements Oakland Park, FL	(5) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2015 - 2018	N/A
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer for the water and sewer improvements project. Design included approximately 18,000 linear feet of water main replacement, 800 linear feet of new drainage with exfiltration trench, 2,500 linear feet of new sidewalk, rehabilitation of a sewer pump station, and installation of four sewer combination air valves (SCAV). The system upgrades consisted of replacing two and four-inch diameter water main with either six or eight-inch pipes. Additional fire hydrants were designed to adequately provide fire protection for the residential neighborhoods. In addition to these water main improvements and SCAV for the force main sewer transmission, the sewer pump station improvements were a critical component for this project. The pump station was experiencing failure due to extended run times because of an increase in the collected wastewater flows and discharge force main pressure. Electrical upgrades and the design of variable frequency drives were required to handle the various flow conditions. Project responsibilities included water main and hydrant layout, quantity take-offs, cost estimating, preparing technical specifications, permitting, and providing services during bidding.		
g.	(1) TITLE AND LOCATION <i>(City and State)</i> Lift Station No. 9 Rehabilitation Davie, FL	(5) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017 - 2018	2018 - Present
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for a municipal sewer pump station rehabilitation project. The existing pumps failed when the mechanical room flooded with sewage backflow from the adjacent wet well. Since the station was being operated 24 hours/day by a portable diesel-powered bypass pump in a residential neighborhood, it quickly became a priority project for the Town. The project was unique in that the station is located within the City of Hollywood. Therefore, additional coordination was required between the two municipalities for permitting and scheduling. The project scope included site visit documentation, pump manufacturer coordination and specifications, sewer flow analysis, hydraulic calculations, ventilation system sizing, electrical and instrumentation, sump pump and piping replacement, cost estimating, permitting, preparation of contract documents for bidding, addressing bidder questions, reviewing bids for award of contract, shop drawings reviews, addressing Contractor RFI's, reviewing and negotiating change orders, construction inspections, and final project certification.		

h.	(1) TITLE AND LOCATION <i>(City and State)</i> Bayshore Drive Drainage and Improvements Fort Lauderdale, FL	(5) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015 - 2017	CONSTRUCTION (if applicable) 2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for the analysis and design of drainage system improvements in the Central Beach Alliance Neighborhood off of A1A. The scope included preparation of a drainage model of the existing site conditions by using ICPR and utilizing survey, record drawings, and LIDAR for calibration. A full drainage report summarized the different options for improvements in the area with associated costs. Some of the proposed alternatives included exfiltration trenches, drainage injection wells, and tidal check valves. Ultimately, the City asked us to design tidal check valves on the outfall pipes and additional stormwater structures and pipes in areas of significant ponding. Additionally, the City requested traffic improvements and the addition of a median at the unique intersection of Bayshore Drive, Riomar Street, and Antioch Avenue. CGA conducted a traffic safety study to justify the proposed median and sidewalk layout. The intersection design included some re-grading for drainage, pavement markings, signage, and permitting through Broward County. CGA also provided typical services during construction including shop drawing review, addressing RFI's, and coordinating final certifications.		
i.	(1) TITLE AND LOCATION <i>(City and State)</i> Sewer Pump Station D-41 Replacement Fort Lauderdale, FL	(5) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015 - 2017	CONSTRUCTION (if applicable) 2017 - Present
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for a municipal sewer main and pump station replacement project. Upgrades to the station's operating capacity were needed due to excessive flows, frequent surcharging, and accommodation for future development sewer contributions. The scope entailed replacement and relocation of the existing station and redirection of the sewer conveyance network. Tasks included analysis of existing sewer flow contributions, review of existing force main pressures, hydraulic calculations for designing new force main and submersible pumps, valve vault design, electrical and instrumentation, permitting, coordinating with other disciplines including Geotechnical, preparing technical specifications, bidding assistance, addressing RFI's, reviewing and negotiating change orders, shop drawing reviews, routine inspections, as-built reviews, and final certifications. Coordination played a major role in this project as the proposed location for the pump station and design of the new sewer main had to be planned with the neighboring development and their design team.		
j.	(1) TITLE AND LOCATION <i>(City and State)</i> Sewer Pump Station B-10 Rehabilitation Fort Lauderdale, FL	(5) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015 - 2017	CONSTRUCTION (if applicable) 2017 - Present
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for a municipal sewer pump station rehabilitation project. Existing pumps were reaching the end of their service life, and the existing concrete wet well was consistently leaking into the dry station. Tasks included analyzing existing flow and pressure conditions, hydraulic calculations, selection of new pumps, new electrical and ventilation design, permitting, development of bidding documents, bidding assistance, addressing RFI's, reviewing shop drawings, conducting routine inspections, reviewing change orders, as-built reviews, and final certification.		
k.	(1) TITLE AND LOCATION <i>(City and State)</i> Lift Station No. 21 Replacement Cooper City, FL	(5) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016 - 2017	CONSTRUCTION (if applicable) 2017 - 2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for a municipal sewer pump station replacement project. The station is located within an HOA and required mechanical, aesthetic, and immediate odor control improvements. Due to its close proximity with adjacent residences and frequent complaints, the station was relocated across the street. This required a sewer conveyance, landscape, and irrigation redesign. Tasks included design, permitting, interpreting pressure data logger readings, hydraulic calculations, contacting pump manufacturers, existing sewer flow analysis, preparing specifications, shop drawing reviews, addressing Contractor RFI's, construction inspections, and final certification.		

	(1) TITLE AND LOCATION <i>(City and State)</i> Croissant Park Small Water Main Improvements Fort Lauderdale, FL	(5) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2017 -2018	-
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 Project Manager for a residential project to replace 16,000 linear feet of undersized and deteriorating water main with new PVC and DIP piping. The existing piping does not provide proper fire protection to the neighborhood. Local residents were also voicing their complaints regarding water quality which was caused by corrosion of the existing cast iron mains. The project scope included design, permitting, reviewing and incorporating Geotechnical report recommendations, coordinating subsurface utility exploration for conflict resolutions, quantity take-off and cost estimating, and preparation of technical specifications and plans for bidding. CGA is currently under contract to provide services during bidding and construction that include reviewing shop drawings, addressing RFI's, conducting interim construction inspections, and final certifications.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12 NAME JAMES MESSICK, PE	13 ROLE IN THIS CONTRACT PROJECT MANAGER	14. YEARS EXPERIENCE	
		a TOTAL 13	b WITH CURRENT FIRM 4
15 FIRM NAME AND LOCATION <i>(City and State)</i> CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA			
16 EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., CIVIL ENGINEERING, UNIVERSITY OF DAYTON, 2005		17 CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> PE, STATE OF FLORIDA, NO. 70870	
18 OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

Mr. Messick's experience includes both the private and public sectors of civil engineering. Responsibilities include general site development for public engineering projects, large scale stormwater management systems, sewage collection and transmission systems and water distribution systems, design of septic/lift stations, along with the permitting of stormwater management systems, utilities and local roadway improvements to Florida Department of Transportation, Florida Department of Environmental Protection, and Florida Department of Health, along with applicable south Florida counties, municipalities and local agencies, and detailed experience with engineering services during construction..

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	City Center Parking Lot Pembroke Pines, Florida	2014-2015	2016-2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead designer for parking lot to serve future City Center development in the City of Pembroke Pines, Florida. Parking lot modifications included driveway connectivity and roadway relocation to provide ease of access and reduce impacts from existing FPL transmission lines and associated power poles throughout previously permitted design. Project includes modifying drive aisles locations, parking lot reconfiguration, ADA accessibility, pavement marking and signage, and drainage modifications to previously permitting project. Project is currently under construction with a bid award construction cost of 7.5 million and design fees of \$354,000.		
b.	Basin 5 Stormwater Master Plan, Phase II Dania Beach, Florida	09/2009-10/2015	Future
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager for initial design and permitting for the improvements contained in the recommendation of the Storm Water Master Plan of Basin 5, Phase II in the Dania Beach, Florida. Project consists of three duplex pump stations, more than 20,000 linear feet of high capacity storm sewer improvements to improve storm water conveyance, increase of discharge outfall structure efficiency and exfiltration trenches to improve area water quality. Mr. Messick leads to redesign of this project to provide a bio-swale located on county maintained tidal intercostal West Lake Park, and will reduce storm stages with the construction of the three duplex pumps. Phase II includes verifying existing utilities are not in conflict and providing upgrades to several intersections to meet ADA criteria. Total construction costs anticipated for this project are \$12.2 million and engineering design fees of \$405,000.		
c.	SW 17th St & SW 83rd Ave Roadway Improvements North Lauderdale, Florida	12/2014-04/2015	06/2015-12/2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As project manager, Mr. Messick was in charge of complete streets roadway design for this project located in the City of North Lauderdale, Florida. Project consists of lane widening and curb/gutter drainage for an existing undersized collector road, which provides access to two elementary schools and surrounding residential neighborhoods. Project improvements included de-mucking a portion of existing roadway, mill/resurfacing, roadway widening and ADA compliance sidewalk and driveway crossings for the heavy pedestrian traffic from the existing school. Design also includes converting an existing non-stop roadway intersection into a stop warranted raised intersection with school crossing. Permitting has been completed through North Lauderdale Water Control District, Broward County Traffic and City of North Lauderdale, and construction completed in early 2016. Project was awarded and construction for approximately \$1.2 million with design fees of \$78,000.		

d.	(1) TITLE AND LOCATION <i>(City and State)</i> Natalie's Cove Drainage Improvements Cooper City, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 12/2013 – 04/2018	CONSTRUCTION (if applicable) Ongoing
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As Engineer of Record and Project Manager, Mr. Messick was in charge of complete drainage improvements to this local neighborhood in the City of Cooper City, Florida. After a basin wide drainage analysis, it was determined that significant improvements to level of service may be achieved by increasing conveyance pipe sizes from adjacent neighborhoods to existing stormwater management system. In addition to pipe upsizing, project includes increasing lake storage by the donation of wetland creation along eastern lake bank, roadway milling and resurfacing and ADA compliance for all surrounding pedestrian sidewalks. Permitting will be completed to both South Florida Water Management District and Central Broward Water Control Districts for modifications to existing drainage permits, with an estimated bid date of November 2016. Anticipated construction costs for drainage improvements are \$1.4 million with design fees at approximately \$226,000.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Lloyd Estates Oakland Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014-2015	CONSTRUCTION (if applicable) 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 Assisted with the lift station outparcel for an improved stormwater management system to aid in the reduction of flood duration and elevation during storm events within the Lloyd Estates neighborhood. The improvements included a bioswale and typical driveway design. Grant services were provided for this project that resulted in approximately \$4 Million of funding from the FEMA Hazard Mitigation Grant Program. Project was awarded for approximately \$7.8 Million and is currently under construction and with professional civil engineering design fees of \$888,000.		
f.	(1) TITLE AND LOCATION <i>(City and State)</i> Boca Bath and Tennis Water Main Improvements Boca Raton, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012-2014	CONSTRUCTION (if applicable) 01/2015-09/2015
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Messick is the direct lead designer of the proposed water main improvements project located in Boca Raton, Florida. This 4,000 linear foot ductile iron pipe replacement project included residential service design, milling and resurfacing of the asphalt along the length of pipe to be replaced. Services provided by James included preparation of construction documents and specifications, permitting to both local health department and utility agencies, bid assistance, and construction management. This project was completed on time and under budget in the summer of 2015. Project was construction for approximately 635,000 with design fees of approximately \$103,000.		
g.	(1) TITLE AND LOCATION <i>(City and State)</i> Bid Pack 8 Oakland Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 01/2013 – 02/2018	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineer of Record for the water and sewer improvements project located within the City of Oakland Park. Design included approximately 18,000 linear feet of water main replacement, rehabilitation of lift station B-1 and installation of 4 sewer combination air valves (SCAV) to alleviate compressed air within the City's sanitary sewer force main system. The water system upgrades consisted of replacing two (2) and four (4) inch diameter lines with either six (6) or eight (8) inch mains, and additional fire hydrants are spaced to adequately provide water pressure for fire protection of the existing residential neighborhoods. In addition to these water main improvements and SCAV for force main sewer transmission, lift station improvements are a critical component for this project. Lift Station B-1 was experiencing failure due to extended run times because of an increase in the collected wastewater flows and discharge force main pressure, electrical upgrades and the design of a variable frequency drive is included to handle various flow conditions. Project is currently slated for bid in summer of 2016 and construction to commence in early fall 2016. Total anticipated construction costs for this project are 4.7 million with approximate engineering fees of \$366,000.		
h.	(1) TITLE AND LOCATION <i>(City and State)</i> Sunflower Townhomes Water Main Improvements Boca Raton, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 06/2015 – 02/2017	CONSTRUCTION (if applicable) 02/2017-07/2018
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Messick served as the Engineer of Record for the City of Boca Raton Sunflower Townhomes Water Main Improvements project. His oversight of design for the small diameter water main replacement project played an important role, as the use of trenchless technologies will allow the contractor to navigate around heritage landscape trees while not impacting existing parking lot areas. With the use of HDPE and directional drilling, the replacement of approximately 4,500 linear feet of 2" and 4" water mains will be possible within existing utility easements. As this design criteria was established by the City of Boca Raton, Mr. Messick's insight into this construction practice helped keep construction estimates within City of Boca Raton's anticipated project budget. Permitting was completed to the Palm Beach County Health Department and construction was completed within time and budget. Total construction costs for this project are \$825,845 with approximate engineering fees of \$100,369.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12 NAME JENNA MARTINETTI, PE	13 ROLE IN THIS CONTRACT PROJECT MANAGER	14. YEARS EXPERIENCE	
		a TOTAL 14	b WITH CURRENT FIRM 14
15 FIRM NAME AND LOCATION <i>(City and State)</i> CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA			
16 EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., CIVIL ENGINEERING, FLORIDA STATE UNIVERSITY MAGNA CUM LAUDE		17 CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> PE FLORIDA NO. 69035	
18 OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

Ms. Martinetti has over thirteen years of engineering experience and is senior project manager for projects within many local municipalities. Her highway design experience includes design for milling and resurfacing, widening, roadway reconstruction, safety improvement projects, ADA upgrades and compliance, drainage improvements, signing and pavement markings, traffic control plans, storm water pollution prevention control plans and complete streets incorporation. Her experience also includes utility coordination, participation in the quality control process, and local agency program (LAP) coordination, including agency certification assistance. Mrs. Martinetti has the advanced maintenance of traffic certification required to design and permit traffic control plans and has extensive experience with JPA's and Local Agency Program (LAP) projects including Transportation Enhancement Program and Community Incentive Grant Projects (CIGP). Her project management experience also includes design and retrofit of parks, roadways, water mains, sewage force mains, lift stations, fuel station, site development and design, neighborhood improvement projects, and stormwater projects as well as permitting, bidding documents, engineering during construction and project close-out.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i> Fronton Blvd Improvements Dania Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013-2016	CONSTRUCTION <i>(if applicable)</i> 2016
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Project Manager for the improvements to Fronton Boulevard in order to upgrade the existing Jai-alai facility to accommodate a casino. Redesign of this City owned roadway was required as part of the developers agreement with the City. Upgrades on Fronton Blvd were accomplished by alignment changes in order to add a median as well an additional southbound lane, new parking for the adjacent park, and two new right turn lanes and entrances to the facility. Design, permitting, and construction services for the improvements as well as new offsite water mains on Fronton Blvd, SR A1A/Dania Beach Blvd and NE 2nd Street; coordination of utilities; and drainage design to accommodate the roadway improvements was performed. Construction Cost - \$3.1 Million, Professional Fees - \$766,000		
	(1) TITLE AND LOCATION <i>(City and State)</i> Joe DiMaggio Children's Hospital Onsite & Offsite Roadway Improvements. Hollywood, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008-2011	CONSTRUCTION <i>(if applicable)</i> 2011
b.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design engineer and manager for offsite improvements at multiple different locations surrounding the hospital associated with the construction of the Joe DiMaggio Children's Hospital. Improvements included street closures, 2 new roundabouts, widening, adding turn lanes, signalization, realignment of the roadway, bus bays, and pedestrian crosswalks. These projects were closely coordinated with onsite hospital expansion, and required considerable utility and local agency coordination. Construction Cost - \$5.2 Million, Professional Fees - \$460,885		
	(1) TITLE AND LOCATION <i>(City and State)</i> Sage Beach Condominium Hollywood, Florida.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011-2017	CONSTRUCTION <i>(if applicable)</i> 2017
c.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager and EOR for civil site design for condominium complex located east of A1A on Hollywood Beach. Design and permitting included replacement of the water main, coordination of utilities, drainage design including a closed system with wells and exfiltration trench as well as offsite roadway and drainage improvements on Iris Terrace, Jasmine Terrance and a portion of South Surf Road. Construction Cost - \$22 Million, Professional Fees - \$178,500		
	(1) TITLE AND LOCATION <i>(City and State)</i> SR 870/Commercial Blvd, FDOT District IV Tamarac, Florida.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011-2016	CONSTRUCTION <i>(if applicable)</i> 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 Project manager for the design, permitting and post design services for the RRR project. The scope includes milling and resurfacing, signing and pavement markings, signalization and lighting upgrades at two intersections, ADA upgrades, safety improvements, traffic monitoring sites, and utility coordination. Phase 1 was complete in 2014 and Phase 2 was completed in 2016.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Rickenbacker Causeway, Miami Dade County, Florida.		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2013-2014
			CONSTRUCTION (if applicable) 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 In-house project manager as a sub-consult for the design build team with Kiewit Construction for the rehabilitation of the Rickenbacker Causeway's West Bridge and the rehabilitation and expansion of the Bear Cut Bridge. CGA's scope included hydrographic and topographic survey, drainage design, lighting, and signing and pavement markings. The Bear Cut Bridge was widened to accommodate a protected multiuse path in both directions and an 8' bike lane adjacent to traffic in both directions as well as improvements to both approaches requiring coordination with two of the County's adjacent future projects. The existing cross slope and bridge deck structure were modified impacting the existing drainage and requiring permits through Miami Dade County's Regulatory & Economic Resources Department and South Florida Water Management District. CGA coordinated the bridge circuits during construction as well as providing new lighting for the widened bridge and new multiuse paths		
	(1) TITLE AND LOCATION (<i>City and State</i>) Davie Road Phase 1 & Phase 2 Davie, Florida		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2013-2017
			CONSTRUCTION (if applicable) 2017
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 Project manager for two phases of design for Davie Road; Phase 1 is from SR 84 to Nova Dr, and Phase 2 is from Nova Drive to SW 39th St. The scope included roadway widening, adding bike lanes, signalization at Nova Drive, signing and pavement marking plans, MOT, drainage modifications, lighting, installing a new median, and tree removal/relocations. Phase 1 project is partially funded by a County Incentive Grant. Phase 2 is a LAP funded grant project. 2013- Present (Phase1 is Construction Complete, Phase 2 is starting construction)		
	(1) TITLE AND LOCATION (<i>City and State</i>) Nova Drive Roadway Improvements Project Davie, FL		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2014-Present
			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 Project manager and engineer of record for Nova Drive, from Davie Road to east of University Drive, to widen a portion of the corridor from 2 lanes to 4 lanes and implement complete streets initiatives including reducing lane widths, traffic calming measures such as a roundabout, adding bike lanes and sharrows, upgrading signalization, pedestrian improvements, signing and pavement marking plans, MOT, drainage modifications, lighting, and tree removal/relocations. This project is grant funded and recently awarded for construction. 2014-Present, Senior Project Manager, Town Engineer: Laura Borgesi (954) 797-1113. Construction Cost: (\$6.9M), Firm Fees: \$459,475		
	(1) TITLE AND LOCATION (<i>City and State</i>) Fort Lauderdale SR A1A/SE 17th Street Causeway Landscape Beautification Grant, Fort Lauderdale, Florida.		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2013-2014
			CONSTRUCTION (if applicable) 2014
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 Engineer of Record for preparation of the traffic control plans for the installation of the landscaped medians as part of the beautification plans.		
	(1) TITLE AND LOCATION (<i>City and State</i>) SR 820/Pines Boulevard Broward County, Florida.		(2) YEAR COMPLETED
			PROFESSIONAL SERVICES 2004-2008
			CONSTRUCTION (if applicable)
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 Roadway design including adding an additional through lane, adjusting medians, adding bus bays, drainage modifications, ADA upgrades and milling and resurfacing. Signing and pavement marking design for Pines Boulevard including reconfiguration of two mall entrances. Overall project coordination including preparing roadway and signing and pavement marking plans, calculating quantities using Geopak, participating in QA/QC process, engineering during construction, and project close out. This project included multiple projects and funding sources extending from 136th Avenue to Douglas Road, funding included a LAP project, a JPA project, and permit project. FDOT Project Manager: John Thompson (954) 777-4680		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12 NAME ERIC CZERNIEJEWSKI, PE, ENV SP	13 ROLE IN THIS CONTRACT TRAFFIC ENGINEERING	14. YEARS EXPERIENCE	
		a TOTAL 20	b WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION (City and State)

CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA

16. EDUCATION (DEGREE AND SPECIALIZATION)

BS, CIVIL ENGINEERING, SOUTHERN ILLINOIS UNIVERSITY17. CURRENT PROFESSIONAL REGISTRATION
(STATE AND DISCIPLINE)**PE LICENSE (#58002) FLORIDA**18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*)

Eric Czerniejewski, P.E., is the Director of Traffic Engineering for CGA with 19 years of experience in transportation infrastructure design, traffic engineering and transportation planning. He has experience in transportation projects that include preparation of traffic studies including corridor studies, traffic impact studies, mobility studies and parking utilization and reduction studies. He is also specialized in signalization design, roadway design, managing, designing and permitting select transportation infrastructure engineering projects; planning, developing and coordinating civil engineering design documents; and coordinating construction engineering and inspection. Some of his relevant mobility plan experience includes development of citywide mobility plan for the City of Fort Lauderdale, preparation of the campus master mobility plans for Florida International University and Florida Atlantic University campuses as well as Memorial Health Care Joe DiMaggio Hospital campus. He is certified to prepare traffic control plans and process LAP projects by FDOT.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (<i>if applicable</i>)
a.	Miami Dade SMART Plan- Miami Dade County, Florida	2018	N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager for the Strategic Miami Area Rapid Transit (SMART) Plan for Miami-Dade County. Of the six rapid transit corridors identified by the County, CGA is responsible for the South Dade Transitway Corridor Study; which extends approximately 20 miles from the Dadeland South Metrorail Station south to Florida City. CGA is providing professional traffic engineering, transportation planning and transit planning and design services to supplement the Miami Dade TPO's efforts in conducting the transportation planning process for the SMART Plan. CGA has assisted in developing a Land Use Scenario Plan, conducted transit planning and transportation related technical activities; Charrettes; 3D Modeling; and, public outreach. One of the primary goals of these services is to develop transit supportive land use scenarios with the ultimate goal of addressing the overall mobility of Miami-Dade County.		
b.	City of Fort Lauderdale Mobility Management- City of Fort Lauderdale, Florida	2016	N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Consultant assisted the City of Fort Lauderdale and the Downtown Fort Lauderdale Transportation Management Association with long range system planning for the future upgrades to the Community Bus System. The City was a sub-recipient of a two-year Federal Transportation Administration's New Freedom Grant through the South Florida Regional Transportation Authority. The Consultant conducted an analysis of the City's community bus system which included a review of current service and development of a comprehensive strategy to create a sustainable, efficient, and customer-centric transit service. The scope of work included the development of a community bus master plan, five-year financial plan, transit needs analysis, operational analysis & route review, security and system safety program plan, fleet replacement plan, staffing plan and development of performance measures.		
c.	Transportation Manager-City of Fort Lauderdale Fort Lauderdale, Florida	2012	N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Transportation Manager for the City of Fort Lauderdale Transportation and Mobility Department managing the traffic engineering, transportation planning and traffic design program. Developed the Uptown Link and Route Extensions for the Downtown Fort Lauderdale Transportation Management Associations' Citywide Sun Trolley community bus service, developed and submitted relevant grant applications for transportation and transit projects including TIGER, Transportation Enhancement, EPA Green Streets and FTA New Freedom, developed the key citywide long-range transportation plan including the 2015-2035 comprehensive strategic multimodal program entitled Connecting the Blocks- Creating Options for Moving People, created the City's Complete Streets Guidelines and managed the citywide review of all transportation elements of the Development Review Committee to determine traffic impacts for new development projects in the City.		

	(1) TITLE AND LOCATION <i>(City and State)</i> Mast Arm Conversion Group Phases I&II- Horsepower Electric, Broward County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i> Ongoing
d.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Program Manager and Quality Control Officer for the Design Build professional services associated with the conversion of span-wire supported traffic signal at 35 intersections all over Broward County. This project is currently under the design stages. CGA along with Horsepower Electric is providing engineering and design services, plans preparation, field survey, utility coordination, permitting, public involvement, coordination with adjoining projects, minor roadway reconstruction and paving, signing and pavement marking, ADA compliant sidewalk reconstruction, traffic signal construction, installation of underground conduit and interconnect cable, installation of monitoring devices (video detection), installation of vehicle pre-emption systems, as built record plans, and warranty necessary to provide the traffic signalization improvements in accordance with Broward County and Florida Department of Transportation specifications.		
	(1) TITLE AND LOCATION <i>(City and State)</i> FDOT District 6 Districtwide Public Transportation Consultant Contract, Miami Dade County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	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 Provided studies, performed evaluations, developed strategies, and secured funding for highway, transit, rail, freight and seaport projects while enhancing performance for all transportation modes. These analyses required expertise in collecting data, assessing the context, validation of data, analysis of demands, forecasting and growth and provided transit design and construction determinations in conjunction to responding to public and private stakeholders concerns. Completed the following projects as part of this Contract: <ul style="list-style-type: none"> • Miami Dade Aviation Department (MDAD) Triennial Safety Audit of MDAD Automated People • Mover Systems- Audit Review of the MDAD Transit Security Program Plan and System Safety Program Plan • Miami Dade Transit (MDT) Triennial Safety Audit of Bus and Rail Systems- Audit Review of the MDAD Transit Security Program Plan and System Safety Program Plan 		
	(1) TITLE AND LOCATION <i>(City and State)</i> Andrews Ave Multimodal Improvements, Oakland Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i> N/A
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 Consultant prepared traffic study which evaluated the need for mid-block crosswalks along a stretch of Andrews Avenue between Oakland Park Boulevard and Prospect Road. Consultant completed a safety analysis including review of crash history along the corridor using Signal Four Analytics. Consultant evaluated the proposed midblock crosswalk locations based on criteria of the Traffic Engineering Manual and Manual on Uniform Traffic Control Devices per Broward County Traffic Engineering Division. Consultant collected pedestrian traffic data including four-hour pedestrian volume counts at ten (10) proposed mid-block crossing locations and 24-hour bi-directional traffic counts were collected for Andrews Ave between Oakland Park Blvd and NW 38th Street and on Andrews Avenue south of Prospect Road. Consultant also evaluated the traffic operational conditions at the four signalized intersections along Andrews Avenue at Prospect Road, NE 38th Street, and E. Oakland Park Boulevard to determine the appropriate length of future dedicated turn lanes. Design plans were developed for the transportation infrastructure improvements.		
	(1) TITLE AND LOCATION <i>(City and State)</i> MLK Blvd. and NW 27th Avenue Traffic Signal Warrant Study and Signal Design Services- Pompano Beach, FL.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <input checked="" type="checkbox"/> 2018	CONSTRUCTION <i>(if applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Consultant prepared traffic signal warrant study for the intersection of MLK Blvd. and NW 27 th Avenue in Pompano Beach, FL. Consultant also complete a corridor study along MLK Blvd. between the Florida Turnpike and Powerline Road. CGA prepared traffic signal plans for the existing stop-controlled intersection of MLK Blvd. at NW 27 th Avenue. Scope of services included roadway design, pavement marking and signage design, traffic signal design, surveying services and CEI services.		

h.	(1) TITLE AND LOCATION <i>(City and State)</i> Florida Department of Transportation (FDOT) District 6 Biscayne Boulevard (NE 5th Street to NE 13th Street)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(if applicable)</i> 2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm In order to continue the enhancements of the US 1 Corridor for the City of Miami, Consultant developed a streetscape design to unify the area surrounding the American Airlines Arena, Bicentennial Park and the Performing Arts Center. Enhancement of the pedestrian corridor and integration with the existing Roberto Burle Marx paving design, directly to the south, was integral in the design of the project. Coordinated with the City of Miami during the design process, participated in numerous public involvement and design meetings, and incorporated access management concepts, including limited vehicular access and multi-modal transportation. Improvements included specialty paving and lighting elements. This project was part of a multi-year continuing service contract with FDOT District 6.		
i.	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Boca Raton Traffic Study Boca Raton, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(if applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager and Traffic Engineer for the preparation of a traffic study at the intersection of Palmetto Park Road and NE/SE 5th Avenue which examined the safety and the operation of the intersection of Palmetto Park Road and NE/SE 5th Avenue and seven other surrounding intersections and enumerated at least three viable improvement concept plans. The alternative analysis included quantitative and qualitative elements such as Safety, Context Sensitivity, Capacity, Benefit Cost and Fatal Flaw analysis as well as the evaluation of bridge preemption and signal coordination with the subject intersection.		
j.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Key West ULDR Update and Complete Streets Manual Key West, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Traffic Engineer for complete rewrite of the City's Land Development Regulations. The key areas of focus for the project included the incorporation of new standards, programs, and processes related to Complete Streets, Parking, Transportation Demand Management, Affordable Workforce Housing, Signage, Landscape, Urban Design, Green Building and Adaptation Planning and Disaster Planning.		
k.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Weston Traffic Engineering Continuing Services Contract- Weston, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018 (ongoing)	CONSTRUCTION <i>(if applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Consultant serves as Engineer of Record for traffic engineering task work orders as part of a Traffic Engineering Continuing Services Contract. Consultant provided a variety of traffic and transportation engineering services including intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, DRC traffic review services, engineering permit review services, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with Broward County Traffic Engineering Division, FDOT District IV and other key stakeholder government agencies. Task work orders included a Citywide Bicycle Master Plan and Citywide Traffic Calming Study.		
l.	(1) TITLE AND LOCATION <i>(City and State)</i> Town Traffic Engineer Services Surfside, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Town Traffic Engineer on this Continuing Services Contract serving as Engineer of Record for traffic engineering task work orders. Provided comprehensive traffic engineering services including intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, reviewed site plan applications with respect to traffic engineering impacts, responded to citizen inquiries and coordinated the interests of the City with Miami Dade County Public Works Department Traffic Engineering Division, FDOT District VI and other key stakeholder government agencies.		

	(1) TITLE AND LOCATION <i>(City and State)</i> City Traffic Engineer Services Pembroke Pines, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i> N/A
m.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm City Traffic Engineer on this Continuing Services Contract serving as Engineer of Record for traffic engineering task work orders. Provided a variety of traffic and transportation engineering services including intersection analysis, signalization analysis and design, roundabout analysis and design, roadway level of service analysis, public school traffic operational analysis, city-wide traffic modeling, city-wide traffic count database maintenance, corridor signal timing progression analysis, traffic calming and neighborhood traffic mitigation, responded to citizen inquiries and coordinated the interests of the City with Broward County Traffic Engineering Division, FDOT District IV and other key stakeholder government agencies.		
	(1) TITLE AND LOCATION <i>(City and State)</i> City of West Palm Beach Traffic Engineering Continuing Services Contract, West Palm Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(if applicable)</i> N/A
n.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager on this Continuing Services Contract serving as Engineer of Record for task work orders. Provided a variety of traffic and transportation consulting services to the City of West Palm Beach including intersection studies, corridor studies, traffic concurrency studies, traffic calming design, pavement analysis, pavement evaluation study, signing and marking plans, and evaluation of the comprehensive plan transportation element, just to name a few		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
MOHAMED MABROUK, P.E.	CONTRACT ADMINISTRATION	12	3

15. FIRM NAME AND LOCATION *(City and State)***CALVIN, GIORDANO & ASSOCIATES, INC.; FORT LAUDERDALE, FLORIDA**16. EDUCATION *(DEGREE AND SPECIALIZATION)***BACHELOR OF SCIENCE IN CIVIL ENGINEERING, FIU****MASTERS OF SCIENCE IN CIVIL ENGINEERING, FIU****MASTERS OF SCIENCE IN ENGINEERING MANAGEMENT, FIU**17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)***PE FL # 74614**18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

TIN#M162554834530 CTQP: QC Manager; Advanced MOT; Asphalt Paving Level 1; Asphalt Paving Level 2; Final Estimates Level 1; Final Estimates Level 2; FOOT LAP Checklist Training

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
FDOT District 6; D/B Rigid Pavement; SR 9A/I-95 (from NW 29 Street to NW 131 Street); Project FM # 429300-3-62-01; Florida	2017	2017
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SPE. Improvements under this D/B Contract consist of the replacement / reconstruction of all concrete and/or Rigid pavement surface on SR-9/I-95. Project consists of the reconstruction of 3.041 miles of mainline pavement, shoulder pavement, on and off ramp improvements, & drainage infrastructure improvements including trench drains to resolve spread related issues. In addition, the project includes the construction of Express Lanes Emergency Stopping Sites. Cost: \$89M		
City of Oakland Park; Expanded Lloyd Estates Residential and Industrial Improvements Project; Florida	2015	2016
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Project Engineer / Contract Administration. Improvements include roadway widening, sidewalk installation, drainage improvements, milling and resurfacing, lighting, median installation, signage, landscaping, irrigation and pavement markings. Cost: \$3,554,121.43		
City of Oakland Park; Bid Pack 9 Infrastructure Improvements; Florida	2015	2016
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Project Engineer I Contract Admin. The project encompasses approximately 570 acres, the project boundaries are east of Dixie Highway, west of Federal Highway, north of NE 38th Street and south of NE 50th Court. This project includes drainage improvement, water main replacement, sewer force main replacement, rehabilitation of Lift Station B-2, Lift Station #3, Lift Station #4, sidewalk installation, roadway improvements and resurfacing. Cost \$9,640,779.41		
City of Oakland Park; Expanded Lloyd Estates Residential and Industrial Improvements Project; Florida	2015	2016
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 Senior Project Engineer / Contract Administration. Project includes drainage improvements, water main replacement, installation of flood gates, stormwater pump station and a tidal check valve. The drainage improvements include construction of roadside swales, construction of new stormwater conveyance system piping networks and exfiltration trenches, modification of existing conveyance systems and construction of a new out fall structures. Cost \$7,832,907.90		
FDOT District 6; NW 57th Avenue Roadway Improvements Grouping; Florida	2013	2015
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Assistant Resident Engineer. The contract included roadway widening, culvert installation, major utility work, drainage improvements, signalization improvements, signing, pavement marking, and milling & resurfacing.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12 NAME ROBERT W. ROUSH, PE	13 ROLE IN THIS CONTRACT ELECTRICAL	14. YEARSEXPERIENCE	
		a TOTAL 49	b WITH CURRENT FIRM 12

15 FIRM NAME AND LOCATION *(City and State)***CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA**16 EDUCATION *(DEGREE AND SPECIALIZATION)***B.S.E.E. OKLAHOMA STATE UNIVERSITY 1957 ELECTRICAL ENGINEERING**17 CURRENT PROFESSIONAL REGISTRATION
*(STATE AND DISCIPLINE)***FLORIDA 20957 ELECTRICAL**18 OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Mr. Roush has been providing electrical engineering services for over 45 years. Mr. Roush is the Director of Electrical Engineering in the Fort Lauderdale office. His experience includes the marketing, quality control and design phase of electrical systems for transportation, commercial, industrial and institutional facilities.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	City of Weston, Florida Roadway Lighting Weston, 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 Converted citywide roadway lighting from metal halide luminaires to LED lighting and added 19 poles on Weston Road. Project included over 1200 luminaires and anticipated savings of over \$250,000 annually.		
b.	Gwen Margolis Park Sunny Isles Beach, Florida	2012	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed photometric calculations for soccer fields. Designed multi-use general LED lighting, power and controls for soccer fields and receptacle outlets for general use and for Christmas lighting. CGA's fees \$6,373.50.		
c.	University Drive Linear Trail Park Coral Springs, Florida	2013	Incomplete
	(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 new electric service, walkway lighting, power distribution and controls. CGA's fees including civil, landscaping and electrical: Cost \$125,000.		
d.	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 Performed photometric calculations and designed walkway lighting, power distribution and controls. CGA's fees including civil, landscaping and electrical: Cost \$140,000.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12 NAME JOSE A. JIMENEZ	13 ROLE IN THIS CONTRACT ELECTRICAL ENGINEERING	YEARS EXPERIENCE	
		a TOTAL 23 YEARS	b WITH CURRENT FIRM 26 MONTHS
15 FIRM NAME AND LOCATION <i>(City and State)</i> CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA			
16 EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> UNIVERSITY OF MIAMI, CORAL GABLES, FLORIDA 1995 BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING UNIVERSITY OF MIAMI, CORAL GABLES, FLORIDA 1995 BACHELOR OF SCIENCE IN APPLIED PHYSICS		17 CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18 OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Middle Beach Recreational Corridor Lighting City of Miami Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012-2016	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Photometric design to determine fixture spacing and lighting levels on walkway. Conduct electrical lighting and power design for required beach walk between 46th and 64th Street Parks. Coordination with Florida Department of Environmental Protection to make sure the selected light fixtures are turtle friendly and meet their requirements. Conduct utility coordination to provide power to beach-walk project limits. Coordination with city in selection of turtle friendly light fixture. Approximate fees were \$50,200.00		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Miami Beach Police Station Generator Replacement City of Miami Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015-2016	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provide Electrical Engineering services for the design and specification of emergency and stand-by electrical system upgrades for the Miami Beach Police Station, Old City Hall, and 12 th Street Parking Garage complex. Services to include the development and delivery of electrical construction plans. Generator and switchgear review, selection, and specifications development. Includes coordination with city maintenance personnel and project manager to select suitable generators and switchgear that meet the city's requirements in terms of performance and budget. Also includes the development of technical specifications for the proposed electrical work and equipment including electrical general requirements, materials and methods, raceways, conductors, switchgear, grounding, and emergency system/generator. Approximate fees were \$43,000.00		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Warfield Park Upgrade Project City of Fort Lauderdale, Florida	(2) 2017	
		PROFESSIONAL SERVICES 2015-2016	CONSTRUCTION (if applicable) 2017
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The electrical scope of work of this project entailed the design, technical specifications, permitting services, bidding services, and engineering during construction; As well as the coordination with the contractors and FPL to provide a point of service for the new electrical service rack. Also, the coordination with Musco Sports Lighting and the client in order to meet minimum illumination levels while maintaining the city's lighting ordinance within an urban area. Approximate fees were \$28,680.00		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Rice NESHAP Utility Service Complex Emergency Generator Upgrade; City of Boca Raton, Florida	(2) 2017	
		PROFESSIONAL SERVICES 2015-2016	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Modify the exhaust system of the emergency generators to meet the requirements of the United States Environmental Protection Agency (USEPA) Reciprocating Internal Combustion Engines National Emission Standards for Hazardous Air Pollutants (RICE NESHAP) Rule. This work order is to prepare construction plans and technical specifications for retrofitting six emergency generator engines and two high service pump engines with catalytic converters that will reduce the carbon monoxide emission levels to RICE NESHAP requirements. Approximate fees were \$49,900.00		

	(1) TITLE AND LOCATION (<i>City and State</i>) Town of Davie Nova Dr. Improvements Davie, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015-2017	CONSTRUCTION (if applicable) N/A
e.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Upgrade Nova Drive to 4 lanes from Davie Road to College Avenue and 3 lanes from College Avenue to University Drive. This will include the construction of a landscaped median, pedestrian enhancements the construction of bike lanes, bus stop enhancements, upgrade all existing roadway lighting with FDOT approved poles and LED lighting. Coordinate with FPL to relocate existing poles and add LED fixtures on their existing poles. As well as provide power to multiple irrigation pumps throughout the corridor. Approximate fees were \$489,465.00		
	(1) TITLE AND LOCATION (<i>City and State</i>) Sanitary Sewer Pump Station B-10 Rehabilitation Ft. Lauderdale, Florida	(2) 2018	
		PROFESSIONAL SERVICES 2016-2017	CONSTRUCTION (if applicable) N/A
f.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The electrical scope of work included the complete electrical renovation of the pump station. This entailed the replacement of 3 pumps, control and distribution system, illumination and electrical service. The project included design and specifications, permitting and bidding assistance, as well as engineering during construction. Approximate fees were \$171,606.00		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**(Complete one Section E for each key person.)**

12. NAME JAMES HART, PE	13. ROLE IN THIS CONTRACT TREATMENT PLANT PROCESS ENGINEERING SVCS	14. YEARS EXPERIENCE	
		a. TOTAL 33	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) CALVIN, GIORDANO & ASSOCIATES, INC. – WEST PALM BEACH, FLORIDA			
16. EDUCATION (Degree and Specialization) B.S., CHEMICAL ENGINEERING, (MATHEMATICS MINOR) CLEVELAND STATE UNIVERSITY, 1985 B.S., BUSINESS ADMINISTRATION & MARKETING BOWLING GREEN STATE UNIVERSITY, 1978		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) PE, FLORIDA, NO. 65420 PE, OHIO (Chemical), NO. E-58285 (Retired)	

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

Mr. Hart is a Professional Engineer with significant experience in all major phases of equipment and system design for a wide array of process industries. Experienced in scrubbing technology (HCl, H₂S, NO_x, ethanol, ethylene oxide, emergency chlorine, odor control, steel pickling lines) and anaerobic digesters, filtration and evaporation. Experienced in water pollution remediation, ozone application, UV sterilization, and thermo oxidation. Demonstrated ability to organize work and manage major projects to meet cost and schedule deadlines. Possesses a unique blend of engineering, CAD and computer programming knowledge and experience.

Prior Experience - Prior to joining the firm, worked for 20+ years in various private sector companies, with emphasis in the areas of instrumentation, process design, scrubber design, water treatment systems (including filtration, thermal oxidation, ozonation and UV disinfection). He also worked for a major producer of concrete admixtures, in their research facility.

Mr. Hart delivered a presentation at the November 29, 2011 AWWA Fall Conference, titled *Membrane and Solute Combinations for ESOC Removal*. He co-authored a paper published in the August 2012 issue of Florida Water Resources Journal, titled *Pembroke Pines Explores Aquifer Recharge as a Cost-Effective Alternate Water Supply Strategy*. Mr. Hart was also a co-author for the following articles: *Evaluating Membrane Options for Aquifer Recharge in Southeast Florida* in the IDA Journal, Fourth Quarter 2011; and *Comparing Contaminant Removal Costs for Aquifer Recharge with Wastewater with Water supply Benefits*, Journal of the American Water Resources Association, April 2014, *Use of Lime, Limestone and Kiln Dust to Stabilize Reverse Osmosis Treated Water*, Journal of Water Reuse and Desalination, March 2011.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Wastewater Treatment Plant 2 MGD Expansion Town of Davie, Florida	2008	N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. coordinated the development of the process design, P&ID drawings, instrumentation and specifications for \$9 million expansion. Also involved with modernizing their data acquisition system (SCADA), tying together water and wastewater control systems at two locations into one location. Specific Role: Engineer of Record.		
b.	NE Quad Drainage Improvement Hallandale Beach, Florida	2015	N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. Designed storm water PLC-based control system for 96,000 GPM stormwater injection well disposal system. System consisted of 2 pump stations, feeding 16 drainage wells. Data is coordinated with SFWMD, and will become the prototype for future drainage projects. SCADA connectivity and historian, data analysis. Specific Role: Design Engineer for Control System. Total Project Cost: \$484,000		
b.	WTP Finished Water Improvements Palm Beach County, Florida	2018	N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Addition of a mixer, blower, and aerator to (2) 5 MG ground storage tanks. The additional equipment reduces the formation of TMH's and subsequent transport to the distribution system. Project Cost: \$1.99M		

	(1) TITLE AND LOCATION <i>(City and State)</i> Degasifier Addition and Odor Scrubber Replacement West Palm Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 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 Project Engineer. Design/Build project to add one degasifier and blower, and replace an existing odor scrubber with a larger capacity scrubber. Replaced all piping and modified inter-connecting ductwork. Analyzed using existing scrubber, or replace with another, larger unit. Specific Role: Engineer of Record. Project Cost: \$1.64M		
	(1) TITLE AND LOCATION <i>(City and State)</i> Pahokee WWTP Improvements Pahokee, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015-2016	CONSTRUCTION (if applicable) 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 The improvements included replacing the existing headwork's AugerMonster with a new screen, add a new screen to the other channel of the headworks. A gate was relocated in the channel to accommodate the new screen. Controls were interfaced with the existing SCADA system. Effluent piping replacement, effluent piping support repairs, and repairs and rehabilitation to the package treatment unit, primary clarifier, and secondary clarifiers were also part of the scope. Both 4" DIP and 12" DIP headworks influent pipes were re-routed to allow placement of the new panels. During construction, the screen new motors caused an impediment to free access, so a "walk around" platform was added to improve safety for the maintenance and operations staff. Specific Role: Project Manager, Engineer of Record. Project Cost: \$1.97M		
	(1) TITLE AND LOCATION <i>(City and State)</i> WTP 8 Vacuum Filter & HSP Replacement Equipment West Palm Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) N/A
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 Replacing existing rotary Drum vacuum filter, with associated piping and vacuum skid. Owner-furnished sludge feed pumps were installed, with associated pipe. VFS's were added to control the sludge feed pumps. High Service Pumps 3 and 4 were replaced with owner-furnished pumps. Specific Roles: Project Manager, Engineer of Record. Project Cost: \$1.82M		
	(1) TITLE AND LOCATION <i>(City and State)</i> WTP 2, 3 & 9 Hypo & Brine Tank Replacement West Palm Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016-2018	CONSTRUCTION (if applicable) N/A
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 Install 11 new 20,000-gallon Sodium Hypochlorite Storage Tanks and 3 new 16,000-gallon Saturator/Brinemaker Tanks. Some instrumentation upgrades. Specific Role: Project Manager, Engineer of Record. Project Cost: \$1.98M		
	(1) TITLE AND LOCATION <i>(City and State)</i> WTP 2 Improvements West Palm Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION (if applicable) N/A
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 Install two 350 hp High Service Pumps, with owner-furnished VFD's, and corresponding 36" and 48" suction and 30" discharge piping, connecting to existing manifolds. Lime addition improvements: redesign of lime distribution system, designing a lime slurry box, adding a distribution containment area, replacing one (east) lime slaker, lime slurry pumps with dry-run protection, with control transformer replacement. An electrical portion was added, that of replacing the existing plant main breaker with a new breaker. Specific Role: Project Manager, Engineer of Record. Project Cost: \$1.91M		
	(1) TITLE AND LOCATION <i>(City and State)</i> WTP 8 Slakers, Fuel Storage Tank HSP West Palm Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017-2019	CONSTRUCTION (if applicable) N/A
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 Removal and replacement of two existing lime slakers, two hopper valves. Replacement of two existing lime slurry boxes with new lime slurry boxes. Two fuel tank systems are replaced with new fuel tanks, one 2,000-gallon system and a new 20,000-gallon tank system, with associated instrumentation and controls. Specific Role: Project Manager, Engineer of Record. Project Cost: \$1.91M		
	(1) TITLE AND LOCATION <i>(City and State)</i> Belle Glade WWTP Sludge Thickener; Pahokee By-pass Belle Glade, Florida/Pahokee, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018-2019	CONSTRUCTION (if applicable) N/A
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 Pahokee portion includes adding a 3.5 MGD passive by-pass provision to the Headworks. Belle Glade portion is installing a replacement rotary drum thickener Unit No. 1 to match the existing rotary drum thickener Unit No. 2, furnished complete with new thickened sludge transfer pump and wash water pump, access platforms, handrails, piping, valving, appurtenances, electrical, instrumentation and controls. Specific Role: Project Manager, Engineer of Record. Project Cost: \$1.92M		

i.	(1) TITLE AND LOCATION (<i>City and State</i>) WTP 8 Finished Water Improvements West Palm Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018-2019	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project is the next stage from an earlier project that added mixers to reduce the THM exiting to the distribution system. This project added additional aeration and ventilation to remove the THMs accumulating in the headspace of the tanks. The project adds five surface aerators, with floating support systems, and three blowers to two 5 MG storage tanks. The systems include additional local control panels, and additional ventilation ports added to each tank. The control panels are provided with an HMI (human-machine interface) screens, and are configured to connect to the future SCADA system. Specific Role: Project Manager, Engineer of Record. Project Cost: \$1.99M		
i.	(1) TITLE AND LOCATION (<i>City and State</i>) WTP 8 Valve & Communications Improvements West Palm Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Installation of a 30" owner-furnished Butterfly Valve and installing a SCADA switch and fiber at the rotary drum vacuum filter to provide communication between the Control Room and Lime Sludge Thickening Facility. Specific Role: Project Manager, Engineer of Record. Project Cost: \$65,495		
j.	(1) TITLE AND LOCATION (<i>City and State</i>) WTP 3 CIP System Improvements West Palm Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design/Build Services for the design, permitting and construction of various improvements at Water Treatment Plant No. 3 in Palm Beach County. Work includes the installation of a new Raw Water Strainer and associated above ground and underground 42" Ductile Iron Piping and Valves, Modifications to the Membrane Cleaning and Permeate Flush Systems with VFD's, PLC programming and integration, New Fiberglass FRP 10,000-gallon Permeate Flush Tank, Stainless Steel, HDPE and PVC piping. Work also includes Clearwell Improvements including a retrofit of new HDPE Blower Housings, Concrete resurfacing to the clearwell interior and new GML Coatings. Specific Role: Project Manager, Engineer of Record. Project Cost: \$1.98M		
k.	(1) TITLE AND LOCATION (<i>City and State</i>) Ray Bullard WRF Reuse Filter #3 City of West Melbourne, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project added a third filter, a rotating disk type that will allow one existing filter to be decommissioned. The filter controls were added into the existing SCADA system. As part of the SCADA system improvements, additional radio communications was added for future flexibility. Controls (pH, chlorine, and turbidity) were also added into the existing SCADA network.		
l.	(1) TITLE AND LOCATION (<i>City and State</i>) Carbonic Acid System for pH Reduction City of Pembroke Pines, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design CO ₂ pH reduction system for existing 12 MGD facility.		
m.	(1) TITLE AND LOCATION (<i>City and State</i>) Modify Existing CO₂ Gas Fed System for pH Reduction, Town of Davie, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Modify existing gas facility to provide carbonic acid for pH reduction at existing 4 MGD facility.		
n.	(1) TITLE AND LOCATION (<i>City and State</i>) Air Header Replacement Town of Davie, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design replacement air header for 1 MGD package plant.		
o.	(1) TITLE AND LOCATION (<i>City and State</i>) Pump House Design City of Dania Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design pump house rebuild using 3D modeling techniques. Evaluate process operating conditions to specify pump, engine, and control equipment.		
p.	(1) TITLE AND LOCATION (<i>City and State</i>) Lift Station Design City of Oakland Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) N/A

	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm All aspects. Review flow data. Specify pump. Design instrumentation, and controls. Add SCADA to system.		
q.	(1) TITLE AND LOCATION (<i>City and State</i>) Odor Control Study City of Pembroke Pines, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Reviewed source of odors from wastewater plant. Troubleshoot source of odors from several on-site air scrubbers. Write report summarizing odor control alternatives, optimizing odor control strategies, with associated capital and maintenance costs.		
r.	(1) TITLE AND LOCATION (<i>City and State</i>) Advanced Water Supply (AWS) Pilot Plant City of Pembroke Pines, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Develop process for Advanced Water Treatment system for aquifer recharge. Led research study of Emerging Pollutants of Concern (i.e., microconstituents), using data to predict what chemicals will be removed, and to what degree, during treatment. Process Flow diagrams and P&I development. Design, purchase, and build a control panel to protect reverse osmosis skid from running dry, using tank level as the process variable. Pilot processes include microfiltration, reverse osmosis, and UV/AOP disinfection with emphasis on removal and treatment of Emerging Substances of Concern.		
s.	(1) TITLE AND LOCATION (<i>City and State</i>) Troubleshooting Hydraulic Flow Problem City of Pembroke Pines, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Troubleshoot flow problems for hypochlorite chemical feed process and color removal process to determine the cause of the flow problems.		
t.	(1) TITLE AND LOCATION (<i>City and State</i>) RICE NESAP Generator Retrofit Palm Beach County, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Convert 12 existing generators by retrofitting catalytic converters onto existing diesel engines for FPL Peak Shaving Program. Develop Plans and Specifications, design work, drawing development, engine performance testing.		
u.	(1) TITLE AND LOCATION (<i>City and State</i>) Water Treatment Plant Improvements Phase III Pembroke Pines, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Assist with hypochlorite chemical feed process and color removal process. Authored an Improvement Report that analyzed and made recommendations to optimize their odor control systems.		
v.	(1) TITLE AND LOCATION (<i>City and State</i>) Academic Village Water Booster Station Improvements, Pembroke Pines, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On going	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design Engineer for the design of a replacement sodium hypochlorite disinfection system. The replacement system consisted of a new bulk storage tank, chemical metering pump skid, modern concrete containment structure with covered roof, and automation and SCADA controls necessary to facilitate remote monitoring and control from a control room approximately 15 miles away.		
w.	(1) TITLE AND LOCATION (<i>City and State</i>) Holly Lakes Water Booster Station Improvements, Pembroke Pines, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On going	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design Engineer the design of a new sodium hypochlorite disinfection system needed to replace a previously permitted gas chlorination system. The new system consisted of a new bulk storage tank, chemical metering pump skid, modern concrete containment structure with covered roof, and automation and SCADA controls necessary to facilitate remote monitoring and control from a control room approximately 15 miles away. Additionally, this project included design of 24-inch diameter piping intended to provide individual isolation between two 2.5 MG ground water storage tanks necessary to facilitate maintenance and separate maintenance and repair activities.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12 NAME STEVE WATTS, PSM	13 ROLE IN THIS CONTRACT SURVEY AND MAPPING	14. YEARS EXPERIENCE	
		a TOTAL 34	b WITH CURRENT FIRM 4
15 FIRM NAME AND LOCATION <i>(City and State)</i> CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA			
16 EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BSLS, PURDUE UNIVERSITY, 1984, LAMBDA SIGMA: LAND SURVEYING HONORARY		17 CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FLORIDA PSM NO. 4588	
18 OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

Mr. Watts has over 32 years of experience, 28 years as a licensed Florida Professional Surveyor & Mapper. Having spent his entire surveying career working in South Florida, he is extremely knowledgeable of the rules, requirements and specifications for completing surveying and mapping projects in the tri-county area. He specializes in architectural and engineering design type surveys, land acquisition, easements, title research, and computer mapping.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> General Surveying & Mapping Services Weston, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-Going	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm FEMA Flood Elevation Certificates for Community Buildings, Site Plan and Development Review Committee regarding survey matters; Engineering Design Surveys for Village Homes of Country Isles Water Main & Service replacement Project; Sketch and Legal Descriptions for parcel acquisition and City Limits Exhibits between Weston and Town of Davie.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> General Surveying & Mapping Services Pembroke Pines, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-Going	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Boundary and Topographic Surveys, As-Built Surveys, Legal Descriptions, City Limit Determinations and General Surveying Services for the City of Pembroke Pines. Additional responsibilities include project surveyor for the topographic survey of a portion of the Pines Health Park, the Johnson Street Water Treatment Plant and the FPL Easement Parking Lot at City Centre		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> General Surveying & Mapping Services North Lauderdale, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-Going	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Boundary and Topographic Surveys, As-Built Surveys, Legal Descriptions, City Limit Determinations and General Surveying Services for the City of North Lauderdale. Additional responsibilities include project surveyor for the topographic survey of the municipal complex, GIS, water control district and utility mapping, Hampton Pines Park and Silver Lakes Middle School ball field renovation.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> General Surveying & Mapping Services Florida Power & Light	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-Going	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Boundary and Topographic Surveys for FPL Boxcar Substation, Boundary Survey of Northwest Service Center - FPL surplus property. Construction stake out of 55 proposed pole locations in Palmetto Bay, Florida.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> General Surveying & Mapping Services Pompano Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Boundary and Topographic Surveys: Community Park, Canal Point Park, Legal Descriptions: Avondale Fishing Piers; Topographic Surveys: Pompano Beach Air Park; Taxiway "N" – Pavement Widening, Runway 15-Runway Protection Zone, Magnetic Headings Runways 6-24, 15-33, 10-28		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12 NAME TAMMY COOK, ASLA, RLA, LEED AP	13 ROLE IN THIS CONTRACT LANDSCAPE ARCHITECT	14. YEARS EXPERIENCE	
		a TOTAL 30	b WITH CURRENT FIRM 19
15 FIRM NAME AND LOCATION <i>(City and State)</i> CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA			
16 EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. LANDSCAPE ARCHITECTURE, TEXAS A&M UNIVERSITY COLLEGE STATION, 1987		17 CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT, FLORIDA NO. 0001328	
18 OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

Ms. Cook leads the Landscape Architectural staff, has over 30 years of landscape architectural experience. She worked on the Memorial West Projects from the Fitness Center, the Same Day Surgery Center, the Radiation Therapy Building, the southeast parking garage and various parking lot expansion projects. She has led a staff at CGA for nearly two decades and works closely with other multi-disciplinary staff throughout the firm. With eleven staff members, she brings a strong team of seasoned professionals to address all landscape architectural issue. Personally, she has demonstrated strengths in creative design, graphic presentations, and planting design. She has successfully completed numerous large-scale projects, which encompassed design studies, planting designs, and the various inter-related professions and tasks necessary to manage the projects through to completion.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Joe DiMaggio Children's Hospital Visitor's Clubhouse- Connine's Corner, Hollywood, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2000	CONSTRUCTION (if applicable) 2002
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: Responsible for the site and landscape design for a restorative garden with a playground area specifically for the use by children users of the Joe DiMaggio facility. Special attention was made to the creative design process branding and the selection of equipment, furnishing and site design details that accommodated for at-grade-level activities for wheelchair-bound users. The design concept for the park initiated from the checkerboard pattern of a mowed baseball field which influenced the safety surface design and provided a colorful impact for the patients and families of this important facility.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Memorial Regional Hospital Data Center Hollywood, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2005	CONSTRUCTION (if applicable) 2007
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: Developed design and public outreach to coordinate and plan for the relocation of vegetation and new planting associated with a data center facility along the boundary areas of the healthcare campus.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Memorial West – Bed Tower Addition Pembroke Pines, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) 2012
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: Department Landscape Architect Manager: Oversaw the development of the hardscape, as well as planting and irrigation design for the major expansion of the Memorial West Hospital facilities. Ms. Cook oversaw the plans for the removal and relocation of all existing trees, the design of the landscaping and irrigation around the new building addition and main entrance into the hospital, as well as all of the permitting through the City of Pembroke Pines.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Joe DiMaggio Children's Hospital Hollywood, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION (if applicable) 2011
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		

	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Department Landscape Architect Manager: Oversaw the detailed hardscape and landscape design, as well as irrigation design for the new hospital. She also oversaw the coordination 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 gold level making it the first LEED Hospital in Broward County.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Shops at Pembroke Gardens, Pembroke Pines, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION (if applicable) 2012
e.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: Coordinated closely with architects for the siting of buildings; created site plan design to accommodate and meet parking, fire safety and circulation requirements; led all landscape and engineering design efforts to meet the experiential requirements of a lifestyle center, focused on enhancing pedestrians' experiences through ample sidewalks, site furnishings, plazas, fountains and other amenities. She worked closely with City staff to develop a tropical planting palette throughout the center. This popular destination has been extremely successful and future additions are planned.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Fire Station Plaza Delray, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) 2015
f.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: Led a team of site designers and engineers in the development of a public plaza on a primary threshold into the downtown CRA area. The plaza consisted of specialty paver selections, intricate paving design pattern detailing, planting design, historical fire department plaque inserts, lighting, irrigation and drainage design. A particular area of the site also includes a rain garden with native wetland vegetation and indigenous Cypress trees providing shade to the plaza. This plaza serves as an important gateway feature to downtown Delray Beach where walkability and bicycling is a favorite past time for its residents and visitors.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Community Enhancements Bay Harbor Islands, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION (if applicable) 2012
g.	(3) BRIEF DESCRIPTION (<i>Briefscope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: Led a team of civil, utility, traffic and electrical engineers and construction administrators for the creation and implementation of a Town-wide community enhancements project that consisted of specialty paving strategies throughout the community for beautification and traffic calming, irrigation, planting design, water main replacement, storm water management, and street lighting. CGA was successful in conducting all the necessary public outreach and coordinating with each property owner to ensure that existing paver driveways and specialty finishes unique to each property were matched with careful detailing and design.		

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 14
15 FIRM NAME AND LOCATION <i>(City and State)</i> 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 <i>(Publications, Organizations, Training, Awards, etc.)</i>			

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

a.	(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 (if applicable) 2018
	(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 \$3.7 million, with completion scheduled for August, 2017. CGA's fees: \$399,000.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Rolling Oaks Park – Pedestrian Trail Miami Gardens, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 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.	(1) TITLE AND LOCATION <i>(City and State)</i> Library Park Weston, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) 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 Responsible for the design detailing and construction administration of a five-acre passive-use park with a signature fountain component, outdoor classroom facilities and a historical narrative trail adjacent to a public library, a middle school and a high school. Mr. Connor provided site design beyond the conceptual level, planting selection and irrigation design, implementing the City's adopted wayfinding and branding components, visibility and security design, and coordination with an architectural sub-consultant for the development of restroom facilities.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Peace Mound Park Weston, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 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 Responsible for the design detailing and construction administration of a waterfront passive park with the purpose of ensuring celebrating the existence of an archaeological Tequesta Indian burial mound. Mr. Connor was responsible for conducting an audit of over 200 existing trees, determining their health and relocation parameters and coordinating the mitigation of any vegetation that needed to be removed.		

e.	(1) TITLE AND LOCATION <i>(City and State)</i> Parks Bond – Construction Management Miami Gardens, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) On-going
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager, Lead Designer – Assisting the City staff with the implementation of a \$60 million bond program for parks improvements. This includes conceptual site designs, cost estimates, and development of all design-build standards and specifications for 14 parks city-wide. Five of the parks in Phase One of the program are currently under construction, and another five parks have been designed and are in the site plan approval		
f.	(1) TITLE AND LOCATION <i>(City and State)</i> Dania Cove Park Davie, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2009	CONSTRUCTION (if applicable) 2011
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect – Assisted with developed a waterfront park design on an archeologically significant site in the City of Dania with a scenic mangrove cove, using the site's history as an opportunity to showcase its historical value and ecological importance. The park features waterfront elements, including a fishing dock and platform, a picnic pavilion and an exercise path for the park users. The park contains a historic Indian midden, which serves as an opportunity for historical education. Assisted the City staff with obtaining environmental grant funding for the project		
g.	(1) TITLE AND LOCATION <i>(City and State)</i> John U. Lloyd State Park – Boardwalk Replacement Florida Department of Environmental	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2016
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Designer –Responsible for the design and detailing for the construction of three new boardwalk replacements at various beach access locations within the Park. Coordinated with the Environmental Specialist on the Environmental Permitting for the oceanfront beach park in Hollywood, Florida, and the Civil and Structural Engineers on the design and specifications for the boardwalks. This included utilizing the existing piles and coordinating the replacement of the wood deck with the recycled decking material and vinyl wire mesh on the sides per the FDEP standards.		
h.	(1) TITLE AND LOCATION <i>(City and State)</i> Regional Park – Synthetic Turf Fields Weston, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) 2018
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Contributed to the preparation of the construction drawings and bid documents for the conversion of two existing soccer fields at Weston's Regional Park to synthetic turf fields. This included supervision the design of irrigation system and the required electrical design and power supply for the booster pump to be able to periodically wet the fields from the sidelines.		
i.	(1) TITLE AND LOCATION <i>(City and State)</i> Patch Reef Park – Synthetic Turf Fields Boca Raton, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Designer - Contributed to the preparation of the construction drawings and bid documents for the conversion of three existing football/lacrosse/soccer fields at Patch Reef Park to synthetic turf fields for the Boca Raton Beach & Parks District. This included tree relocations, new landscaping and design of the irrigation system and the required electrical design and power supply for the booster pump to be able to periodically wet the fields from the sidelines.		
j.	(1) TITLE AND LOCATION <i>(City and State)</i> Andrews Avenue Improvements – Transportation Enhancement Grant, Oakland Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016-Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect, Lead Designer. Developed a new planting and irrigation design for the major improvements to the Broward County roadway through the City of Oakland Park as part of a Broward MPO Grant. Mr. Conner was responsible for all permitting and coordination of approvals through various agencies, as well as the City of Oakland Park's review process. The design for the roadway includes new medians, reduced lane sizes, and new bike lanes in addition to the landscape enhancements.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12 NAME GIANNO FEOLI	13 ROLE IN THIS CONTRACT LANDSCAPE URBANIST	14. YEAREXPERIENCE	
		a TOTAL 24	b WITH CURRENT FIRM 13
15 FIRM NAME AND LOCATION <i>(City and State)</i> CALVIN, GIORDANO & ASSOCIATES, INC. – FORT LAUDERDALE, FLORIDA			
16 EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> MASTER OF LANDSCAPE ARCHITECTURE, FLORIDA INTERNATIONAL UNIVERSITY, SCHOOL OF ARCHITECTURE, MIAMI, FLORIDA B.A., ARCHITECTURAL STUDIES, FLORIDA INTERNATIONAL		17 CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18 OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Feoli leads the Landscape Department in creative design strategies for urban environments with specialties including urban design, contextual analysis and branding. He will contribute his experience in providing detailed site design and experience with beachfront design and permitting requirements, public outreach and graphic communication services.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i> Middle Beach Recreational Corridor Miami Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) Ongoing
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Designer: responsible for coordinating all engineering and environmental efforts associated this 2-mile long linear multi-use trail project on State- owned lands, as well as responsible for all planting and hardscape design and public outreach. Conducted one-on-one meetings with over 39 condominium properties to gather support for the project, responded to residents' concerns, and addressed design restrictions set forth in the Florida Administrative Code and balance those against resident's expectations. Responsible for coordinating with all State and local permitting agencies CGA's fees:\$534,000.		
	(1) TITLE AND LOCATION <i>(City and State)</i> Oakland Park Station Oakland Park, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable) 2014
b.	(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 conceptual design, site, design and construction detailing of a public plaza at the terminus of the City's culinary district. The design effectively created flexible public environment that could be used as event spaces and could accommodate the needs of the City in continuing its adopted branding through the use of elements, furnishings, paver palettes and landscape lighting. The project's challenging shallow dimensions required innovative solutions to address ADA access to adjacent buildings while maximizing opportunities for the use of space, addressed through the creation of large stage settings that served as landings and allowed for public engagement and interaction. CGA's fees:\$25,000.		
	(1) TITLE AND LOCATION <i>(City and State)</i> 98th Street Park Bay Harbor Islands, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) 2014
c.	(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 public outreach, site design, construction detailing, and planting design of a neighborhood passive park. The park includes a small dog park area, flexible open space, children's play areas, an interactive water feature and a restroom facility. Designed the splash pad, play areas, and landscaping. Coordinated the design of the restroom facility and facilitated all necessary public outreach through both the Parks and Recreation Committee and the Town Council. CGA's fees:\$42,000.		
	(1) TITLE AND LOCATION <i>(City and State)</i> Lloyds Estate Pocket Park Project Oakland Park, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) Ongoing
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 Responsible for the programming and design of the project site, conducting the necessary public outreach to gather Commission approval and coordinating important aesthetic and sustainable improvements with engineering needs of the project. Also responsible for the conceptual design of all material selections and palette, retaining walls, fences, lighting, branding elements, and planting. CGA's fees: \$65,000		

e.	(1) TITLE AND LOCATION <i>(City and State)</i> Doral Boulevard Beautification Master Plan Doral, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2007	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 Lead Designer responsible for crafting a streetscape and urban design master plan for Doral Boulevard envisioned as the primary emblem of the City. Responsible for designing all landscape and planning components of the project, which created distinct planning 'character' zones that would impact relationships of the built environment with the resultant quality of spaces being generated, the creation of dedicated public realm components and design standards for each, access management design recommendations, signage and gateway features, and identifying architectural relationships to improved sidewalk design and parking design recommendations. This document and its vision has been the guiding document for all areas abutting the Boulevard and has been used by the City as a contributing guide for the development of Downtown Doral, focused on safe, pedestrian-friendly, high-quality environments. CGA's fees: \$150,000.		
f.	(1) TITLE AND LOCATION <i>(City and State)</i> 92nd Street Park, Bay Harbor Islands, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Designer responsible for all public outreach, site design, construction detailing, and planting design of a 2-acre urban community passive park. The park includes a small dog park area, flexible open space, outdoor exercise areas, ample shaded seating, parking, furnishings, and urban plaza and solar- powered security lighting. This project was designed, engineered, detailed and constructed on a fast-track to meet very restrictive deadlines of grant funding that had been previously secured by the Town. CGA's fees: \$40,000.		
g.	(1) TITLE AND LOCATION <i>(City and State)</i> Beachwalk Master Plan Surfside, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	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 Lead Designer responsible for the conceptualization and master plan of a 1-mile linear park as an erosion control strategy and connecting all street-end plaza components with access to the beach. This project included dune and turtle habitat restoration, branding sculptures, salt-tolerant plantings, public art branding components, and specialty paving design. Also responsible for all public outreach associated with the project. CGA's fees: \$60,000.		
h.	(1) TITLE AND LOCATION <i>(City and State)</i> Rolling Oaks Park Wayfinding Sign Package Miami Gardens, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 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 Developed a signage and wayfinding package to provide identification and orientation to users. The signage package was developed as an interchangeable modular system that could be easily customized to meet the unique needs of other park and public amenity areas and that could be placed on project sites as well as within the public ROW. The design was heavily influenced by concerns of safety and its ability to withstand graffiti and vandalism. CGA's fees: \$140,000.		
i.	(1) TITLE AND LOCATION <i>(City and State)</i> Dania Cove Park Narrative Signage Dania Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) 2012
	(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 series of narrative signs for inclusion in the park design to celebrate the history of the City and the planting selection as a tool to provide an educational component informing park users on the importance of the flora, fauna and natural environment's contributions to the City's identity. CGA's fees: \$100,000.		

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 18
15 FIRM NAME AND LOCATION <i>(City and State)</i> 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> Lloyd Estates Drainage Improvements Oakland Park, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	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 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. Also conducted construction oversight services and conducting the five year compliance monitoring on the bio-swale wetland.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Dania Cove Park Dania Beach	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) 2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 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. Coordinated with the County and State on gaining approval for the project site design, tracked all expenditures and processed and obtained all grant disbursements for the City from the Florida Communities Trust and the Parks for People Grants for the site development, and closed out the grants.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Drainage Improvements City of Weston, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	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 Responsible for all site assessments and obtaining a US COE and a Broward County permit, and modifying two SFWMD master surface water permits for drainage improvements including culvert replacements and new outfalls conducted under a hazard mitigation grant program. Provided grant administration services and tracked all expenditures and processed and obtained all grant disbursement funds for the City.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION <i>(City and State)</i> City of Weston Professional Services Weston, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
	CONSTRUCTION <i>(If applicable)</i>	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Weston	b. POINT OF CONTACT NAME Denise Barrett	c. POINT OF CONTACT TELEPHONE NUMBER (954) 385-2000

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

CGA has provided continuing professional services to the City of Weston since 1996. Services include:

- General Civil Engineering - Services relating to the CITY's water, wastewater, roadway, stormwater infrastructure and parks. Specialties include but are not limited to landscape architecture, irrigation, and electrical engineering for parks and street lights.
- Traffic and Transportation Engineering - Services relating to CITY's vehicular, pedestrian and bicycle traffic network and infrastructure.
- Environmental Engineering and Wetlands Management – Services relating to the CITY's wetlands management, mitigation areas, lakes and aquatic vegetation. Other services included under this category include environmental audits and related activities; environmental impact studies; ecological, biological, groundwater and geological studies; and geotechnical reports. Services concluded in 2016.
- Surveying and Mapping – Services relating to the provision of a wide range professional surveying and mapping of services to include but not limited to: boundary surveys; topographic survey and mapping; GPS and Geodetic Control Surveys; Record (as-built) surveys; utility & infrastructure layout and legal descriptions/documents.
- Engineering and Building Department Permitting Support and Services

Projects completed for the City include:

- Infrastructure Improvements
- Stormwater Drainage Improvements
- Bike and Pedestrian Master Plan
- Force Main Modeling & Improvements
- Street Lighting LED Conversion
- Weston Road Median Improvements
- Library Park
- Peace Mound Park
- Grant Writing and Administration
- Manatee Isles Bike Lane

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	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 2
21. TITLE AND LOCATION (City and State) Town of Davie Professional Services Davie, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Town of Davie	b. POINT OF CONTACT NAME Laura Borges	c. POINT OF CONTACT TELEPHONE NUMBER (954) 797-1113

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

CGA has provided continuing professional services to the Town of Davie since 2008. Services include:

- Roadway, Traffic and Transportation engineering services including roadway design, signal design, maintenance of traffic "M.O.T.", traffic studies, second order storm drainage improvements, inspections, underground utility upgrades and other services as needed.
- Land Development, Civil-Site and Drainage Systems; engineering services for site developments projects to include planning, civil site and drainage improvements, preparation of construction documents, budgeting, approval, permitting, bidding, construction, final project closeout upgrades and other services as needed.
- Architectural Landscape; architectural services for the enhancement of areas which can include landscape design of parks, greenways and recreational facilities, pedestrian and bicycle networks, signage, general beautification projects and other services as needed.
- Surveying and Utility Locates; technical services to develop topographic and boundary plans, locate underground utilities, perform exploratory borings, generate location maps, collect GIS data and other services as needed.
- Construction Inspection; technical services for on-site construction inspection, certify construction to technical specifications, monitor project schedule, review pay applications, support project management activities and other services as needed. Includes Construction Engineering Inspection work for FDOT.

Projects completed for the Town include:

- Master Lift Station #8
- Davie Road Improvements Phase I and II
- College Avenue Improvements
- Nova Drive Improvements
- Bamford Park Artificial Turf Conversion
- System III 30" Overhead Pipe Replacement
- LS #9 Rehabilitation

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	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 3
21. TITLE AND LOCATION <i>(City and State)</i> City of Cooper City Professional Services Cooper City, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Cooper City	b. POINT OF CONTACT NAME Michael Bailey, PE	c. POINT OF CONTACT TELEPHONE NUMBER (954) 434-5519
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

CGA has provided continuing professional services to the City of Cooper City since 2008. Services include

- engineering,
- right-of-way and traffic engineering,
- land surveying,
- construction engineering,
- geotechnical engineering,
- environmental permitting and engineering,
- preparation of plans, reports, analyses, and specifications,
- construction management,
- planning,
- construction supervision and administration.

Projects completed for the City include:

- SW 53rd Court Drainage Improvements
- SW 90th Avenue Traffic Analysis
- Cooper City Sports Complex Restrooms
- Natalie's Cove/Flamingo Gardens Drainage Improvements
- Lift Station #52 Rehab
- SW 103rd Drainage Improvements
- 90th Way and 91st Ave Conceptual Streetscape Studies
- Lake Drive Safety Studies
- NE Quad Hydraulic Modeling
- Lift Station #21 Replacement

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 <i>(City and State)</i> City of Fort Lauderdale Professional Services Fort Lauderdale, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
	CONSTRUCTION <i>(If applicable)</i>	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Stan Edwards	c. POINT OF CONTACT TELEPHONE NUMBER (954) 828-5071

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

CGA has provided continuing professional services to the Fort Lauderdale since 2004. Services include Roadway Engineering, Construction Administration, Utility Engineering, Marine Engineering, Construction observation / inspection, Surveying & mapping, Landscape Architecture.

Projects completed for the City include:

- Bayshore Drainage Improvements
- NE 13th Street Right of Way Survey
- Sewer Pump Station B-10
- Mills Pond Park Field Improvements
- Sewer Pump Station D-41 Replacement
- George English Boat Ramps Replacement, Engineering Permitting and Construction Administration
- Providence Park Site Lighting Design
- Riverwalk Seawall Assessment
- FDOT Streetscape Beautification / A1A & 17th Street Causeway
- City Hall Cooling Tower Temporary Supports

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 5
21. TITLE AND LOCATION <i>(City and State)</i> City of North Lauderdale Professional Services North Lauderdale, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
	CONSTRUCTION <i>(If applicable)</i>	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of North Lauderdale	b. POINT OF CONTACT NAME George Krawczyk	c. POINT OF CONTACT TELEPHONE NUMBER (954) 597-4756
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

CGA has provided continuing professional services to the City of North Lauderdale since 2005. Services include:

- civil engineering,
- landscape architecture,
- planning,
- roadway
- traffic engineering
- electrical engineering, and
- land surveying services

Projects completed for the City include:

- Landscape reviews
- Traffic Studies
- Doral and Rock Island Road Traffic Analysis
- SW 17th Street, SW 82nd Ave, and SW 83rd Roadway Traffic Improvements, and Utility Investigation
- Rock Island Road Topographic Survey
- Kimberly Blvd Median Hardscape Designs

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Calvin, Giordano & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE 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 6
21. TITLE AND LOCATION <i>(City and State)</i> City of Oakland Park Professional Services Oakland Park, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME Albert Carbon	c. POINT OF CONTACT TELEPHONE NUMBER (954) 630-4458

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

CGA has provided continuing professional services to the City of Oakland Park since 2013. Services include

- civil engineering project design,
- construction engineering and inspection,
- grant applications,
- general planning services,
- utilities engineering, and
- public relations

Projects completed for the City include:

- Lloyd Estates Pump Station
- Bid Pack 9 Infrastructure Improvement Project (water, sewer & drainage design, permitting and construction engineering and inspection (CEI) Services)
- Andrews Avenue Roadway Improvements
- Landscape and Environmental Maintenance of Lake at Royal Palm Park
- NE 16th Avenue Sidewalk Extension
- CEI Services for Powerline Road Median Landscape Beautification
- Citywide Tree Planting
- Bid Pack 8 Infrastructure Improvements Project (water & sewer)
- Oakland Park Station Plaza Improvements

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> City of Dania Beach Professional Services Dania Beach, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
	CONSTRUCTION <i>(If applicable)</i>	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Dania Beach	b. POINT OF CONTACT NAME Brad Kaine	c. POINT OF CONTACT TELEPHONE NUMBER (954) 924-6808

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

CGA has provided continuing professional services to the City of Dania Beach since 2005. Services include

- general engineering and architectural services
- miscellaneous planning,
- design and construction management projects, such as, but not limited to, buildings, facilities, parks, roadways, drainage, structural, bridge, electrical, mechanical, traffic engineering, civil/site planning, water and sewer, environmental assessments and engineering, permitting, land use and zoning, architectural design and space planning, construction management, and project management,
- construction engineering inspections (CEI), threshold inspections,
- plans review, and
- landscape architecture services

Projects completed for the City include:

- Basin 5 Drainage Improvements Study
- Dania Cove Park Rehabilitation and Shoreline Stabilization Project
- Meadowbrook Pump Station and Phase I Stormwater Improvements
- LS 15 Rehabilitation
- Dania Cut-off Canal Water and Sewer Subaqueous Crossing
- Water Main Extension for Marina

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	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 8
21. TITLE AND LOCATION <i>(City and State)</i> City of Miami Gardens Professional Services Miami Gardens, Florida	22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
	CONSTRUCTION <i>(If applicable)</i>	
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miami Gardens	b. POINT OF CONTACT NAME Cameron Benson, City Manager	c. POINT OF CONTACT TELEPHONE NUMBER (305) 622-8001

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

CGA has provided continuing professional services to the City of Miami Gardens since 2013. Services include:

- Civil Engineering,
- Environmental
- Planning, General:
- Construction Engineering Inspections
- Surveying
- GIS Services
- Landscape Architecture

Projects completed for the City include:

- Rolling Oaks Park Pedestrian Trail
- Bank of America Traffic Reviews
- GIS Mapping

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 9
21. TITLE AND LOCATION <i>(City and State)</i> City of Pembroke Pines Professional Services Pembroke Pines, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Pembroke Pines	b. POINT OF CONTACT NAME Martin Gayeski	c. POINT OF CONTACT TELEPHONE NUMBER (954) 437-1111
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

CGA has provided continuing professional services to the City of Pembroke Pines since 1991. Services include:

- Civil Engineering,
- Water/Wastewater Utility Engineering
- Surveying
- Traffic Engineering
- Landscape Architecture
- Highway Design Services
- Electrical Engineering

Projects completed for the City include:

- Pembroke Road and Grand Palm Drive Signal Analysis
- WWTP Rehabilitation
- Pando Property Boundary Survey
- Pines Blvd Highway Beautification Council Grant
- Johnson Street Wellfield Survey
- Pembroke Road Extension from SW 196th Ave to East of SW 208th Ave
- City Center Parking Lot
- Alternative Water Supply Project
- Holly Lake Water Booster Station Improvements
- Pines Blvd and I-75 Interchange
- Pines Village Water Main Replacement Phase I
- Sodium Hypochlorite Rehabilitation & CO2 Injection System

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 10
21. TITLE AND LOCATION <i>(City and State)</i> City of Hallandale Beach Professional Services Hallandale Beach, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Hallandale Beach	b. POINT OF CONTACT NAME Manga Ebbe	c. POINT OF CONTACT TELEPHONE NUMBER (954) 457-3043
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

CGA has provided continuing professional services to the City of Hallandale Beach since 2015. Services include:

- Landscape Architecture
- Environmental Engineering
- Civil Engineering
- Transportation Consulting
- Surveying Services
- Construction Project Management
- Planning Services

Projects completed for the City include:

- NE Quadrant Drainage Improvements
- Boundary Surveys
- Medical Center Traffic Reviews
- Icebox Culinary Center Traffic Reviews
- SW Drainage Improvements

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.			

[illegible]

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1		6	
2		7	
3		8	
4		9	
5		10	

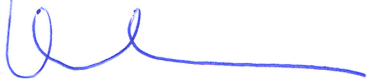
H. ADDITIONAL INFORMATION

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

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

7/23/18

33. NAME AND TITLE

Dennis Giordano, 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	
2c. CITY FORT LAUDERDALE	2d. STATE FL	2e. ZIP CODE 33316	a. TYPE CORPORATION	
6a. POINT OF CONTACT NAME AND TITLE DENNIS J. GIORDANO, 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 (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	93	88		Codes; Standards, Ordinances	1
10	Chemical Engineers	1	0		Construction Management	4
12	Civil Engineers	26	3		Cost Estimating	4
15	Construction Inspector	33	10		Educational Facilities	3
21	Electrical Engineers	1	0		Environmental Impact Studies, Assessments or Statements	4
39	Landscape Architects	4	0		Highways; Streets; Airfield Paving; Parking Lots	4
47	Planners: Urban/Regional	10	5		Hospital & Medical Facilities	4
52	Sanitary Engineers				Irrigation; Drainage	6
	Permitting Specialists	28	28		Landscape Architecture	4
38	Surveyors	2	1		Office Building; Industrial Parks	3
60	Transportation Engineers	3	0		Planning (Community, Regional Area-wide & State)	4
08	Computer CADD Technicians	5	2		Planning (Site, Installation, and Project)	7
38	Field Surveyors	16	5		Sewage Collection, Treatment and Disposal	4
29	GIS/Data Technology Specialists	10	7		Surveying: Platting; Mapping; Flood Plain Studies	8
	Code Enforcement Specialist	32	32		Storm Water Handling & Facilities	6
24	Environmental Specialists	2	0		Traffic & Transportation Engineering	3
24	Environmental Field Crew		0		Urban Renewals; Community Development	4
39	Landscape Designers / Inspectors	8	2		Water Supply; Treatment and Distribution	8
07	Biologist(s)/Indoor Air Quality	0	0		Zoning; Land Use Studies	3
	Other Employees	96	47			
Total		370	230			

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 7/23/2018
c. NAME AND TITLE Dennis Giordano, President	

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

City of Pembroke Pines, Professional Service Providers

2. PUBLIC NOTICE DATE

06/26/2018

3. SOLICITATION OR PROJECT NUMBER

PSEN-18-02

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Paul Hillers, P.E.

5. NAME OF FIRM

Hillers Electrical Engineering, Inc.

6. TELEPHONE NUMBER

561-451-9165 x 221

7. FAX NUMBER

561-451-4886

8. E-MAIL ADDRESS

phillers@hillersee.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.		<input checked="" type="checkbox"/>	Hillers Electrical Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	23257 State Road 7 Suite 100 Boca Raton, FL 33428	Electrical Design Services
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)*

10E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each person)			
12. NAME Paul Hillers, P.E.		13. ROLE IN THIS CONTRACT Project Manager	
		14. YEARS EXPERIENCE	
		a. TOTAL 37	b. WITH CURRENT FIRM 24
15. FIRM NAME AND LOCATION (City and State) Hillers Electrical Engineering, Inc, Boca Raton, Florida			
16. EDUCATION (Degree and Specialization) BSEE/1979/ Electrical Engineering MSEE/1981/Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida Professional Engineer-41022	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Institute of Electrical and Electronic Engineers (IEEE), Instrument Society of America (ISA)			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Palm Beach County WUD – New Production Wells for Wellfields 2, 3, and 8 (CSA 5 and 10), Palm Beach County, FL	(2) YEAR COMPLETED:	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager – Provided project management, implementation design, installation and replacement of existing Allen-Bradley PLC-5 model with new up-to-date Allen-Bradley ControlLogix PLC model and associated I/O modules. Project consists of redesigning new communication loop while existing loop is still in operation, identifying what correct model for PLC-5 template adapter to replace with new I/O modules to minimize the re-wiring of the I/O points and implementing replacement of PLC by process area to minimize the system downtime.		
b.	(1) TITLE AND LOCATION (City and State) Palm Beach County WUD – WTP 9 Emergency Generator Replacement	(2) YEAR COMPLETED:	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager – Provided electrical design and construction inspection services for replacement emergency generator that meets current EPA requirements (Tier 4 Final rating). Project includes designing new Tier 4 Final generator, new After-treatment system, Urea system, exhaust silencers, as well as temporary generator during the construction period.		
c.	(1) TITLE AND LOCATION (City and State) Palm Beach County WUD – WTP 2 Filter Replacement	(2) YEAR COMPLETED:	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager – Electrical, Fire Alarm, and instrumentation & control design for New Filters at WTP2, including designing new electrical distribution for the Filter Building and process, new switchboard, new motor control center (MCC), new variable frequency drives (VFD's), new solid state reduced voltage starters (SSRVS). Instrumentation and control/SCADA and new PLC control panel, RIO panel. New Fire Alarm System compliance with County ESS department requirements is also included.		
d.	(1) TITLE AND LOCATION (City and State) Palm Beach County WUD – WTP 11 Clearwell Modifications and Miscellaneous Improvements	(2) YEAR COMPLETED:	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Electrical and instrumentation & control systems design and construction inspection services for construction WTP 11 design-build project. Project consists of new power distribution panel, mini-power zone panel, new variable frequency drives (VFD's), new RIO panel, fiber optic communication data highway, and new instruments.		
e.	(1) TITLE AND LOCATION (City and State) East Central Regional (ECR) Reclaimed Water System Short Circuit, Device Coordination & Arc Flash Analysis	(2) YEAR COMPLETED:	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager – perform short circuit device coordination and arc flash study for ECR Reclaimed Water System. Project includes project management to meet the client expectation and deadlines, field data collection and verification, input data into the SKM program to model the study, perform short circuit device coordination and arc flash analysis, field set the device settings and apply arc flash labels.		

10E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each person)			
12. NAME Thein Win, P.E.		13. ROLE IN THIS CONTRACT Senior Project Engineer	
		14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION (City and State) Hillers Electrical Engineering, Inc, Boca Raton, Florida			
16. EDUCATION (Degree and Specialization) BSEE/2001 Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida Professional Engineer-65722	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Institute of Electrical and Electronic Engineers (IEEE), Instrument Society of America (ISA), LEED AP			
19. RELEVANT PROJECTS			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED:	
Palm Beach County WUD – WTP 3 PLC Replacement		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
a. Senior Project Engineer – Provided project management, implementation design, installation and replacement of existing Allen-Bradley PLC-5 model with new up-to-date Allen-Bradley ControlLogix PLC model and associated I/O modules. Project consists of redesigning new communication loop while existing loop is still in operation, identifying what correct model for PLC-5 template adapter to replace with new I/O modules to minimize the re-wiring of the I/O points and implementing replacement of PLC by process area to minimize the system downtime.			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED:	
Palm Beach County WUD – WTP 9 Emergency Generator Replacement		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
b. Senior Project Engineer – Provided electrical design and construction inspection services for replacement emergency generator that meets current EPA requirements (Tier 4 Final rating). Project includes designing new Tier 4 Final generator, new After-treatment system, Urea system, exhaust silencers, as well as temporary generator during the construction period.			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED:	
Palm Beach County WUD – WTP 2 Filter Replacement		PROFESSIONAL SERVICES 2013	CONSTRUCTION (if applicable) 2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
c. Senior Project Engineer – Electrical, Fire Alarm, and instrumentation & control design for New Filters at WTP2, including designing new electrical distribution for the Filter Building and process, new switchboard, new motor control center (MCC), new variable frequency drives (VFD's), new solid state reduced voltage starters (SSRVs). Instrumentation and control/SCADA and new PLC control panel, RIO panel. New Fire Alarm System compliance with County ESS department requirements is also included.			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED:	
Palm Beach County WUD – WTP 11 Clearwell Modifications and Miscellaneous Improvements		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
d. Senior Project Engineer - Electrical and instrumentation & control systems design and construction inspection services for construction WTP 11 design-build project. Project consists of new power distribution panel, mini-power zone panel, new variable frequency drives (VFD's), new RIO panel, fiber optic communication data highway, and new instruments.			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED:	
East Central Regional (ECR) Reclaimed Water System Short Circuit, Device Coordination & Arc Flash Analysis		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
e. Senior Project Engineer – perform short circuit device coordination and arc flash study for ECR Reclaimed Water System. Project includes project management to meet the client expectation and deadlines, field data collection and verification, input data into the SKM program to model the study, perform short circuit device coordination and arc flash analysis, and field set the device setting and apply arc flash labels.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 1	
21. TITLE AND LOCATION <i>(City and State)</i> Palm Beach County Water Utilities Department Smart Wellfield Study		22. YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (if Applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Palm Beach County Water Utilities Department	b. POINT OF CONTACT NAME Mr. Steve McGrew	c. POINT OF CONTACT TELEPHONE NUMBER 561-493-6000	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> Hillers Electrical Engineering performed a Smart Wellfield Study for WTP 3, 9 and 11. Study Highlights: <ul style="list-style-type: none"> Added variable frequency drives with air condition unit to all of the wells to vary the flow/pressure of each well Upgraded existing GE iNet radio with GE MDS Orbit radio for remote wellfield communication to improve the reachability and speed Upgraded Allen Bradley Micrologix 1400 PLC with Allen Bradley Compactlogix PLC in well RTU panels to handle more inputs and outputs with better connection Added analytical instruments to measure Conductivity, Temperature and ORP at each well to analyze the well water chemical characteristics Added Pressure Transmitters to all wells <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  Conductive Transmitter </div> <div style="text-align: center;">  Allen Bradley Compact Logix PLC </div> <div style="text-align: center;">  GE MDS Orbit Radio </div> </div>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Hillers Electrical Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Boca Raton, Florida	(3) ROLE Study and Evaluation Services
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. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 2		
21. TITLE AND LOCATION (City and State) Palm Beach County Water Utilities- WTP2 Filters Improvements		22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES 2013</td> <td style="width: 50%;">CONSTRUCTION (if Applicable) 2016</td> </tr> </table>	PROFESSIONAL SERVICES 2013	CONSTRUCTION (if Applicable) 2016
PROFESSIONAL SERVICES 2013	CONSTRUCTION (if Applicable) 2016			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER Palm Beach County Water Utilities Department	b. POINT OF CONTACT NAME Mr. Steve McGew	c. POINT OF CONTACT TELEPHONE NUMBER 561-493-6000		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>Hillers Electrical Engineering provided electrical, instrumentation and control, fire alarm design as well as construction inspection services for the WTP 2 New Filters project. This project consisted of a new filter building with 8 sand filters, 1 clearwell, one electrical room, one blower room, and transfer/backwash pump station.</p> <p>Project Highlights:</p> <ul style="list-style-type: none"> Design replacement 480V feeder of existing Hypochlorite Building Design of new 480V feeder from existing Hypochlorite Building to new filter building Design new electrical room with new switchboard, new Motor Control Center Design of new Variable Frequency Drives for transfers pumps Design of new Solid State Reduced Voltage Starters for backwash pumps and backwash blowers Design interior and exterior lighting, grounding and lightning protection systems Design new Filter PLC control panel and instruments associated with the filter system Design new Fire Alarm System for Filter Building 				
 				
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
a.	(1) FIRM NAME Hillers Electrical Engineering, Inc.	(2) FIRM LOCATION (City and State) Boca Raton, Florida	(3) ROLE I&C, Design and Construction Services	
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER

3

 21. TITLE AND LOCATION *(City and State)*
**Palm Beach County Water Utilities-
WTP 9 2MW Generator Replacement**

22. YEAR COMPLETED

 PROFESSIONAL SERVICES
2014

 CONSTRUCTION (if Applicable)
2016

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

 Palm Beach County Water Utilities
Department

b. POINT OF CONTACT NAME

Mr. Steve McGrew

c. POINT OF CONTACT TELEPHONE NUMBER

561-493-6000

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

Hillers Electrical Engineering provided electrical, instrumentation and control design as well as construction inspection services for the PBCWUD WTP9 Generator Replacement project. This project consisted of removing the existing generator and installing a new Tier 4 Final rated 2MW generator.



Project Highlights:

- Design removal of the existing generator
- Design of new Tier 4F rated generator including after treatment clean emission module system, urea system, and air compressor system
- Design of new conduit/wiring system for new generator
- Design new piping and transfer pump for the urea system
- Design instruments associated with urea tank and generator after treatment system
- Design new signals connection points back to the Plant PLC system



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Hillers Electrical Engineering, Inc	(2) FIRM LOCATION <i>(City and State)</i> Boca Raton, Florida	(3) ROLE Electrical, I&C and Construction Services
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. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 4		
21. TITLE AND LOCATION (City and State) PBC Southern Regional Water Reclamation Facility- Aeration Basin Electrical Improvement		22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES 2014</td> <td style="width: 50%;">CONSTRUCTION (if Applicable) 2016</td> </tr> </table>	PROFESSIONAL SERVICES 2014	CONSTRUCTION (if Applicable) 2016
PROFESSIONAL SERVICES 2014	CONSTRUCTION (if Applicable) 2016			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER Palm Beach County Water Utilities Department	b. POINT OF CONTACT NAME Mr. David Dalton	c. POINT OF CONTACT TELEPHONE NUMBER 561-499-0163		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>Hillers Electrical Engineering provided electrical, instrumentation, and control system/SCADA engineering, design, and construction management services for a series of improvements to multiple locations within the plant facility.</p> <p>Project Highlights:</p> <ul style="list-style-type: none"> Project consisted of the addition of 20 remote input/output (RIO) panels, one power distribution panel, one mini-power center, raceway and wire for the future addition of air flow meters and valve motor actuators on Aeration Basins 1/2 and 4/5. RIO panels were connected using Ethernet Communications Protocol over fiber optic cables to their associated Blower Building PLC for communication. <div style="display: flex; justify-content: space-around; margin-top: 20px;">   </div>				
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
a.	(1) FIRM NAME Hillers Electrical Engineering, Inc	(2) FIRM LOCATION (City and State) Boca Raton, Florida	(3) ROLE Electrical design, I&C/SCADA and construction services	
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION (City and State)

**Palm Beach County Water Utilities Department-
WTP 3 Short Circuit, Device Coordination and Arc Flash
Analysis**

22. YEAR COMPLETED

 PROFESSIONAL SERVICES
2016

 CONSTRUCTION (if Applicable)
N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

 Palm Beach County Water Utilities
Department

b. POINT OF CONTACT NAME

Mr. Steve McGrew

c. POINT OF CONTACT TELEPHONE NUMBER

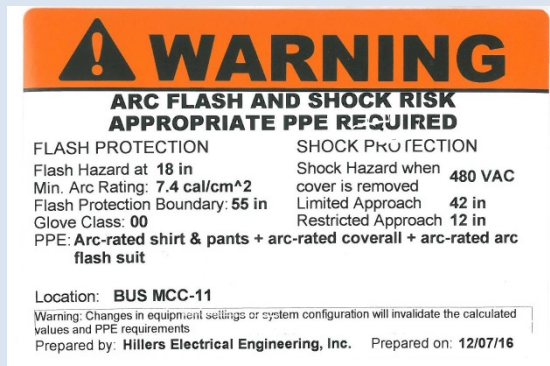
561-493-6000

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

Hillers Electrical Engineering (HEE) provided a Short Circuit, Device Coordination and Arc Flash Analysis of the existing plant's electrical distribution system. The study analyzed the plant electrical power distribution systems for compliance with National Electrical Safety Code 2015 (NFPA 70E), National Electrical Code 2008 (NFPA 70) and IEEE 1584.


Project Highlights:

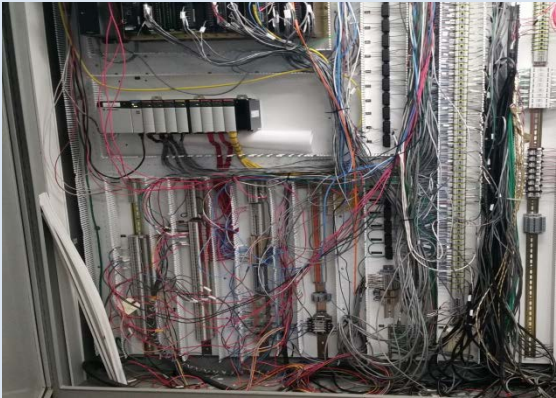

- Documented the existing plant electrical system and existing plant overcurrent device settings
- Calculated the available plant short circuit fault currents at major distribution equipment locations
- Identified equipment that has short circuit (AIC) ratings below that of the associated available fault current calculated in the study
- Tabulated electrical equipment characteristics for overcurrent protective devices, cables, generators, transformers, major electrical equipment, and motors
- Provided and implemented recommendations for protective device settings for coordination in various locations
- Performed Arc Flash evaluation and identified proper personnel protective clothing for working on live equipment. Provided and installed Arc flash labels on electrical equipment in the plant



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	Hillers Electrical Engineering, Inc	Boca Raton, Florida	Study and Evaluation Services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 6	
21. TITLE AND LOCATION (City and State) Palm Beach County Water Utilities Department- WTP 8 Instrumentation Loop Diagrams		22. YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (if Applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Palm Beach County Water Utilities Department		b. POINT OF CONTACT NAME Mr. Steve McGrew	
		c. POINT OF CONTACT TELEPHONE NUMBER 561-493-6000	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>Hilliers Electrical Engineering (HEE) updated the Instrumentation Loop Diagrams for WTP 8. The existing instrumentation loop diagrams were out of date after the existing PLC-5 system was replaced with a newer generation of Allen-Bradley Control Logix PLC.</p> <p>Project Highlights:</p> <ul style="list-style-type: none"> • Verified and identified new Input/Output signals for each PLC panel and RIO panel • Verified and identified Input/Output mappings in the PLC system • Installed labels in each PLC panel and RIO Panel • Designed new drawings in AutoCAD reflecting the new PLC system and modules • Performed major re-arrangement and clean-up of obsolete equipment, cables, etc. in each PLC panel and RIO panel <div style="text-align: center;">  <p>After</p> </div>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Hilliers Electrical Engineering, Inc	(2) FIRM LOCATION (City and State) Boca Raton, Florida	(3) ROLE I&C Services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		20. EXAMPLE PROJECT KEY NUMBER 7	
21. TITLE AND LOCATION (City and State) Palm Beach County Water Utilities Department- WTP 8 PLC Replacement & Programming		22. YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (if Applicable) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Palm Beach County Water Utilities Department		b. POINT OF CONTACT NAME Mr. Steve McGrew	
		c. POINT OF CONTACT TELEPHONE NUMBER 561-493-6000	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>Hillers Electrical Engineering provided instrumentation/SCADA design, PLC programming, and construction/replacement assistance services for the PBC WTP 8 PLC replacement project. The Existing Allen-Bradley PLC-5 system was obsolete and beyond its reliable life span. The system was replaced with a newer generation of Allen-Bradley Control Logix PLC system with minimum interruption and downtime to the existing water treatment process.</p> <p>Project Highlights:</p> <ul style="list-style-type: none"> • Designed and identified the replacement components for each PLC panel and RIO panel. • Verified received replacement components with bill of material. • Designed a temporary installation plan to keep both existing and new PLC systems running in parallel. • Designed the new PLC Architecture Communication Block Diagram for new Control Logix PLC system. • Installed new fiber optic at Anion Exchange PLC panel. • Replaced existing RIO panel one-by-one to minimize the downtime and interruption of the existing water treatment process. • Performed PLC programming for the new Control Logix PLC system and coordinated with County SCADA department for SCADA interfacing. <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>PLC 5 BEFORE</p> </div> <div style="text-align: center;">  <p>Control Logix PLC AFTER</p> </div> </div>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Hillers Electrical Engineering, Inc	(2) FIRM LOCATION (City and State) Boca Raton, Florida	(3) ROLE Instrumentation/SCADA design, PLC programming, and construction/replacement assistance services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

[illegible]

H. ADDITIONAL INFORMATION

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

Hillers Electrical Engineering, Inc. has been in business since 1994 and is located in Boca Raton, Florida. Hillers Electrical Engineering, Inc. (HEE) brings many years of combined, unsurpassed experience, expertise, and personalized service in electrical engineering design, control application programming, and construction management. Our electrical design services include power, control, instrumentation, telemetry, start-up assistance, construction management services and PLC/computer programming for County and State municipal agencies as well as private industry.

Our office is fully equipped with state-of-the-art computer systems and engineering software to help ensure a quality and cost-effective product. Software programs include AutoCAD SKM fault current/coordination/arc flash program, generator sizing programs, and 3 dimensional lighting calculations program.

HEE design staff brings vast electrical, instrumentation and telemetry design and project management experience in a variety of areas such as raw water wells, ASR and DIW wells, water treatment facilities, water distribution systems, wastewater collection systems, wastewater treatment facilities including reuse, storm water and treatment pumping stations, airport terminals, airport runway-taxiway-apron lighting and navigational systems, sportsfield lighting, roadway and parking lot lighting, fire stations, etc..

HEE provides a variety of electrical, instrumentation and telemetry design and construction management tasks including:

The nature of Consulting is such that responsiveness is the key to maintaining a long-term relationship. HEE takes great pride in ensuring that we are immediately accessible and responsive to our client's needs. This is demonstrated in the excellent relationship we have established over the last 24 years with many municipalities and environmental consulting firms.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

11/5/2013

33. NAME AND TITLE

Paul Hillers, President

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

Professional Service Providers (Architectural, Engineering, Surveying & Mapping)

2. PUBLIC NOTICE DATE

06/26/2018

3. SOLICITATION OR PROJECT NUMBER

RFQ # PSN-18-02

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

James L. Andersen, P.G., Principal Hydrogeologist

5. NAME OF FIRM

Connect Consulting, Inc.

6. TELEPHONE NUMBER

561-758-2475

7. FAX NUMBER

8. E-MAIL ADDRESS

jandersen@cciwater.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	SUBCON-TRACTOR			
a.			✓	Connect Consulting, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1907 Commerce Lane Suite 104 Jupiter, FL 33458	Water well design and construction services. Hydrogeologic studies and modeling. Water use permitting.
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	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
James L. Andersen	Hydrogeologist	34	3

15. FIRM NAME AND LOCATION *(City and State)*

Connect Consulting, Inc., Jupiter, FL

16. EDUCATION *(Degree and Specialization)*

Bachelors of Science, Geology, Florida Atlantic University

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

Professional Geologist - Florida License No. 1103

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

Florida Section American Water Works Association (AWWA), Southeastern Desalting Association (SEDA), American Membrane Treatment Association (AMTA), Geological Society of America (GSA), International Association of Hydrogeologists (IAH)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Coral Springs Improvement District Well 9 Rehabilitation Coral Springs, Florida	2018	2018
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Project goal was to rehabilitate public water supply well 8 and restore lost capacity. Services included developing technical specifications, soliciting water well contractors, oversight of well rehabilitation. Methods included chemical and mechanical techniques to restore lost production. Specific capacity was increased from 12 to 30 GPM/Ft. allowing the well to safely produce the original design rate of 750 GPM. Fee = \$10,000.00; Role: Project Hydrogeologist		
Coral Springs Improvement District Well 4R Redevelopment Coral Springs, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2017	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 b. Project goal was to reduce or eliminate sand production from public water supply well 4R. Services included developing technical specifications, soliciting water well contractors, oversight of well rehabilitation. Methods included mechanical techniques to reduce or eliminate sand production. Sand production was reduced and specific capacity was increased allowing the well to safely produce the original design rate of 750 GPM. Fee = \$15,000.00; Role: Project Hydrogeologist		
Ft. Pierce Utility Authority Well W-1 Abandonment & Replacement Ft. Pierce, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2017	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 c. Project was to replace an existing well that had lost production and could not be rehabilitated. Services included water use permitting, conceptual well design, preparing technical specifications, soliciting water well contractors, service during construction, data collection and final reporting. Completed well was 12-inch diameter stainless steel with wire wrapped screen set between 74 and 114 feet below land surface. Fee = \$17,000.00; Role: Project Hydrogeologist		
Evaluation of Three (3) Brackish Water Reverse Osmosis Public Water Supply Wells - Town of Highland Beach, Highland Beach, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2018	2018
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Reviewed available construction & operational data, developed & implemented data collection program, evaluated the data to determine water quality trends, well production, and interference between wells. Recommended equipping each of the wells with pressure transducers and data loggers and conduct a series of operational tests to monitor water levels and interference under four different pumping scenarios. Fee = \$12,000.00; Role: Project Hydrogeologist		
Rehabilitation of Water Treatment Plant No. 3 & 9 Surficial Aquifer Production Wells, Palm Beach County Water Utilities, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	2016	2017
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm e. Provided hydrogeologic consulting services during design, bidding, and construction phases for rehabilitation program of WTP 3 & 9. Early design estimates provided an innovative cost matrix to accurately predict project budgets and stay within budget. OPCs accurately predicted costs and rehabilitation of the well restored lost capacity. Fee = \$ TBD; Role: Project Hydrogeologist.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
David S Robertson, P.G.	Principal Hydrogeologist	30	12

15. FIRM NAME AND LOCATION *(City and State)*

Connect Consulting, Inc., Jupiter, FL

16. EDUCATION *(Degree and Specialization)*

Bachelors of Science, Geology, Florida Atlantic University

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

Professional Geologist - Florida License No. 1625

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

Florida Section American Water Works Association, Southeast Desalting Association, Caribbean Desalination Assoc

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Wells 9, 10 and 11 Rehab, City of Pembroke Pines, FL	2016	2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Well rehabilitation of three (3) of the City's wells including video inspections, pump fishing and removal, acid treatments, pump replacements and wellhead improvements. <input type="checkbox"/> Check if project performed with current firm		
b.	Injection Wells IW-1 and IW-1 MIT, Pembroke Pines, Florida	2016	2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Injection Wells IW-1 and IW-1 Mechanical Integrity Testing and Reporting <input checked="" type="checkbox"/> Check if project performed with current firm		
c.	Coral Springs Improvement District	2016	2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design and Construction of Replacement Wells W-4 and W-7 <input checked="" type="checkbox"/> Check if project performed with current firm		
d.	University of Central Florida Well 4 Rehab	2018	2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design and installation of a liner casing in an Upper Floridan Aquifer well to correct casing seal failure. <input checked="" type="checkbox"/> Check if project performed with current firm		
e.	City of Palm Coast Water Use Pemriting	2017	2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE SJRWMD Water Use Permit modification, design and installation of wells in multiple aquifers to perform aquifer performance testing to support the permit and proposed withdrawals. Aquifers included the Upper Floridan Aquifer and Surficial Aquifer. <input type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Elizabeth S. Owosina, P.G.	Sr. Hydrogeologist	a. TOTAL 10	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION <i>(City and State)</i> Connect Consulting, Inc., Jupiter, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelors of Science, Geology, Franklin and Marshall College 1992 Masters of Science, Geology, University of Idaho 1994		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Geologist - Florida License No. 2144	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Town of Highland Beach, UFA Well Evaluations	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Performance and water quality testing of three (3) Upper Floridan Aquifer wells to evaluate drawdown and interference effects from pumping. Results were compared with original construction testing reported data to evaluate performance losses over time. <input type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Village of Palm Springs	PROFESSIONAL SERVICES 2108	CONSTRUCTION <i>(If applicable)</i> 2018
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Wellfield Condition Assessments including performance and water quality testing of two surficial aquifer wellfields in southern Palm Beach County. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Coral Springs Improvement District	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Well 9 Rehabilitation including well inspection, pre and post rehab performance testing, multiple acid treatments, gravel supplementation, development and performance testing. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
University of Central Florida Well 4 Rehab	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design and installation of a liner casing in an Upper Floridan Aquifer well to correct casing seal failure. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		

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
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
Wells 9, 10 and 11 Rehab, City of Pembroke Pines, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> 2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Pembroke Pines	Karl M. Kennedy, P.E.	(954) 518-9040

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

Connect Consulting performed evaluation and rehabilitation of three (3) Biscayne Aquifer wells for the City of Pembroke Pines. The project included hydrogeologic evaluation of the wells, pumps and wellheads; fishing and removal of a lost pump from the bottom of a well; acid treatment of the completion interval using sulfamic acid; equip the wells with new pumps and new sanitary sealed wellheads. The total project cost was approximately \$181,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Connect Consulting, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Jupiter, FL	(3) ROLE Hydrogeologic Consultant
b.	(1) FIRM NAME AMPS, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Well Contractor
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
Injection Wells IW-1 and IW-1 MIT, Pembroke Pines, Florida	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> 2016

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Pembroke Pines	Karl M. Kennedy, P.E.	(954) 518-9040

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

Connect Consulting performed the Florida Department of Environmental Protection (FDEP) Underground Injection Control (UIC) required 5-year permit renewal, Mechanical Integrity Testing and Reporting for the the City of Pembroke Pines. The project included packer and pressure testing of the injection well casings, video inspection, radioactive tracer survey testing, evaluation of the operational data and reporting. Following completion of the work the UIC permit was approved by the FDEP. The consulting cost was approximately \$21,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Connect Consulting, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Delray Beach, FL	(3) ROLE Hydrogeologic Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
CSID Well 9 Rehabilitation, Coral Springs, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> 2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Coral Springs Improvement District	Joe Stephens	(954) 796-6665

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

Connect Consulting performed evaluation and rehabilitation of one (1) Biscayne Aquifer wells for the Coral Springs Improvement District. The project included hydrogeologic evaluation of the well, pumps and wellheads; acid treatment with multiple acid types, and extensive well development including airlifting, high pressure jetting, and surge pumping. The total rehab cost including CCI was approximately \$51,000.

The initial sulfamic acid treatment approach only yielded an increased in specific capacity from 12 gpm/ft to 15 gpm/ft (25% improvement). CCI adjusted the rehab approach to include much stronger hydrochloric acid and a more aggressive development method and when completed the well produced over 900 gpm at 30 gpm/ft (more than a 100% increase).

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Connect Consulting	(2) FIRM LOCATION <i>(City and State)</i> Jupiter, FL	(3) ROLE Hydrogeologic Consultant
b.	(1) FIRM NAME GlobalTech, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Boca Raton, FL	(3) ROLE Design Build Contractor/Engineering Consultant
c.	(1) FIRM NAME Centerline Drilling, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Water Well Contractor
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
City of Palm Coast Water Use Permit Renewal, Palm Coast, FL	PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION <i>(If applicable)</i> 2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Palm Coast	Brian Mathews, P.E.	(386) 986-2353

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

Connect Consulting is currently assisting the City of Palm Coast with the (Early) renewal of its St Johns River Water Management District (SJRWMD) water use permit. The purpose of the early renewal is to obtain a 20 year permit that includes new an alternative water sources. The City plans to utilize brackish Floridan Aquifer water, wetland and water table recharge using reclaimed wastewater. CCI performed two (2) aquifer performance tests that included monitoring of the lower - Upper Floridan Aquifer, the intermediate confining unit, the Confined Surficial aquifer and the water table aquifer. Based on the APT results, CCI performed groundwater flow monitoring to support the proposed 20 year withdrawals. The consulting cost of the permit renewal is \$89,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Connect Consulting, Inc.	(2) FIRM LOCATION <i>(City and State)</i> High Springs, FL	(3) ROLE Hydrogeologic Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
UCF Wells 1, 2, 3 and 4 Rehabilitation, Orlando, Florida	PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION <i>(If applicable)</i> 2017-2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
University of Central Florida	Gary Rudolph	(407) 823-4984

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

Connect Consulting was contracted by the University of Central Florida to evaluate and rehabilitate the potable water supply wellfield for the University. The project included evaluating four (4) problematic Upper Floridan Aquifer wells leading to well modifications and pump upgrades. The scope of work included well evaluation, casing liner installations and well development to reduce sand production and improve water quality, geophysical logging and hydrogeological evaluation, static and dynamic video surveys, pumping tests and wellhead upgrades. The project budget is \$381,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Connect Consulting, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Lake Mary, FL	(3) ROLE Hydrogeologic Consultant
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

[illegible]

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1	Wells 9, 10, 11 Rehab, City of Pembroke Pines	6	
2	Injection Well IW-1 and IW-1 MIT, Pembroke Pines	7	
3	CSID Well 9 Rehab, Coral Springs, FL	8	
4	City of Palm Coast WUP Renewal	9	
5	UCF Wells 1, 2, 3 and 4 Rehab - Orlando	10	

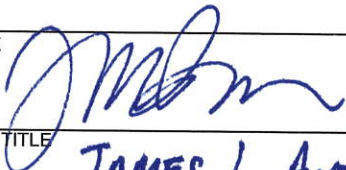
H. ADDITIONAL INFORMATION

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

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

7/23/2016

33. NAME AND TITLE

JAMES L. ANDERSEN, PRINCIPAL HYDROGEOLOGIST

ARCHITECT – ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

Professional Service Providers for Pembroke Pines
(Architectural, Engineering, Surveying & Mapping)

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER
RFQ No. PSEN-18-02

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Lakdas Nanayakkara - President

5. NAME OF FIRM

Lakdas/Yohalem Engineering, Inc.

6. TELEPHONE NUMBER

954-771-0630

7. FAX NUMBER

954-771-0519

8. E-MAIL ADDRESS

lye@lyengineering.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.			X	Lakdas/Yohalem Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2211 NE 54 th Street Fort Lauderdale, FL 33308	Structural Engineering, Design and Inspection Services
b.				<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 Lakdas Nanayakkara, P.E.	13. ROLE IN THIS CONTRACT Structural Engineering, Design and Inspection Services	14. YEARS EXPERIENCE	
		a. TOTAL 40	b. WITH CURRENT FIRM 31
15. FIRM NAME AND LOCATION (City and State) Lakdas/Yohalem Engineering, Inc.			
16. EDUCATION (DEGREE AND SPECIALIZATION) Post Graduate Diploma in Structural Engineering Bachelor of Science Honors Degree in Civil Engineering With Structural Engineer Major		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Structural/Civil Engineer Florida #037590 Certified Structural Masonry Inspector Certified Uniform Building Code Inspector Certified General Contractor Certified Threshold Inspector	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Structural Engineering Expert for Unsafe Structure Board – City of Margate since “2001”.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION
a.	City of Margate Conversion of Existing Chlorine to Backwash Holding Tank WWTP (Margate, FL)	2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Description: Structural Engineer of Record, Structural Design and Inspection Services Cost: \$340,000 Scope of Work: Structural Engineer of Record, and Construction Engineering Inspection		
b.	CO2 System Addition – Pembroke Pines Water Treatment Plant (Pembroke Pines, FL)	2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Description: Structural Design and Inspection Services for 4 clarifiers. Cost: \$300,000 Scope of Work: Structural Engineer of Record and Inspection Services		
c.	Miramar Water Treatment Plant Expansion (Miramar, FL)	2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Description: Water Treatment Plant Expansion from 18 MGD to MGD plan. Cost: \$22 Million Scope of Work: Structural Engineer of Record, Structural Condition Survey of existing plant, Design and Inspection Services for new expansion, buildings and related treatment plant structures		



	(1) TITLE AND LOCATION <i>(City and State)</i> Lloyd Estates Drainage Improvements (City of Oakland Park, Florida)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 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 Description: Design and Construction Phase Inspection services for Gate Structure, Pump stations at north fork, middle river and 3 wet wells on the neighborhood of Oakland Park. Cost: \$8 million dollars Scope of Work: Structural Engineering, Design and Inspection Services.		

	(1) TITLE AND LOCATION <i>(City and State)</i> South Broward Drainage District, Pump Station Renovation	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION 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 Description: Renovation and expansion of existing pump station Cost: \$345,000.00 Scope of Work: Structural Engineer of Record, Analysis, Design & Inspection Services		
	(1) TITLE AND LOCATION <i>(City and State)</i> Hallandale Beach Pump Stations	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION N/A
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 Description: Structural Engineering services for two new Pump Stations Cost: \$ 640,000.00 Scope of Work: Structural Engineer of Record, Condition Survey, prepared construction documents, and periodic inspections during construction		
	(1) TITLE AND LOCATION <i>(City and State)</i> Dania Beach Pump Station	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable) N/A
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 Description: Structural restoration of Pump Station Cost: \$ 600,000.00 Scope of Work: Structural condition survey, prepared construction documents, and periodic inspections during construction		



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		
21. TITLE AND LOCATION <i>(City and State)</i> City of Margate Conversion of Existing Chlorine to Backwash Holding Tank WWTP (Margate, FL)		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2018</td> <td>CONSTRUCTION <i>(If applicable)</i> N/A</td> </tr> </table>	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> N/A
PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> N/A			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Margate	b. POINT OF CONTACT NAME Sierra Marrero, PE	c. POINT OF CONTACT TELEPHONE NUMBER 954-884-3655		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost.)</i> Description: Structural Engineer of Record, Structural Design and Inspection Services Cost: \$340,000 Scope of Work: Structural Engineer of Record, and Construction Engineering Inspection				
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
(1) FIRM NAME a. Lakdas/Yohalem Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Structural Engineering, Design and Inspection Services		

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		
21. TITLE AND LOCATION <i>(City and State)</i> CO2 System Addition – Pembroke Pines Water Treatment Plant (Pembroke Pines, FL)		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION <i>(If applicable)</i> N/A</td> </tr> </table>	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> N/A
PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> N/A			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Pembroke Pines/ Calvin, Giordano & Associates	b. POINT OF CONTACT NAME David Stambaugh, PE	c. POINT OF CONTACT TELEPHONE NUMBER 561-681-5271		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost.)</i> Description: Structural Design and Inspection Services for 4 clarifiers. Cost: \$300,000 Scope of Work: Structural Engineer of Record and Inspection Services				
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
(1) FIRM NAME a. Lakdas/Yohalem Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Structural Engineering, Design and Inspection Services		



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		
21. TITLE AND LOCATION <i>(City and State)</i> Miramar Water Treatment Plan Expansion (Miramar, FL)		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION <i>(If applicable)</i> N/A</td> </tr> </table>	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> N/A
PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> N/A			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Miramar/GAI Consultants	b. POINT OF CONTACT NAME Jay Ameno, PE	c. POINT OF CONTACT TELEPHONE NUMBER 561-465-8001		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost.)</i> Description: Water Treatment Plant Expansion from 18 MGD to MGD plan. Cost: \$22 Million Scope of Work: Structural Engineer of Record, Structural Condition Survey of existing plant, Design and Inspection Services for new expansion, buildings and related treatment plant structures				
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
(1) FIRM NAME a. Lakdas/Yohalem Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Structural Engineering, Design and Inspection Services		

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		
21. TITLE AND LOCATION <i>(City and State)</i> Lloyd Estates Drainage Improvements (City of Oakland Park, Florida)		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2015</td> <td>CONSTRUCTION <i>(If applicable)</i> N/A</td> </tr> </table>	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> N/A
PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> N/A			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Oakland Park	b. POINT OF CONTACT NAME David Stambaugh, Calvin Giordano & Associates	c. POINT OF CONTACT TELEPHONE NUMBER (954)921-7781		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost.)</i> Description: Design and Construction Phase Inspection services for Gate Structure, Pump stations at north fork, middle river and 3 wet wells on the neighborhood of Oakland Park. Cost: \$8 million dollars Scope of Work: Structural Engineering, Design and Inspection Services				
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
(1) FIRM NAME a. Lakdas/Yohalem Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Structural Engineering, Design and Inspection Services		



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
21. TITLE AND LOCATION <i>(City and State)</i> South Broward Drainage District, Pump Station Renovation	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER South Broward Drainage District	b. POINT OF CONTACT NAME Kevin Hart, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (954) 680-3337
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost.)</i> Description: Renovation and expansion of existing pump station Cost: \$345,000.00 Scope of Work: Structural Engineer of Record, Analysis, Design & Inspection Services		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME a. Lakdas/Yohalem Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Project Manager Structural Engineer & Inspection Services

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
21. TITLE AND LOCATION <i>(City and State)</i> Hallandale Beach Pump Stations	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Calvin Giordano & Associates	b. POINT OF CONTACT NAME Jenna Martinetti, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (954) 921-7781
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost.)</i> Description: Structural Engineering services for two new Pump Stations Cost: \$ 640,000.00 Scope of Work: Structural Engineer of Record, Condition Survey, prepared construction documents, and periodic inspections during construction		
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME a. Lakdas/Yohalem Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Structural Engineer & Inspection Services



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		
21. TITLE AND LOCATION <i>(City and State)</i> Dania Beach Pump Station	22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2014</td> <td>CONSTRUCTION <i>(If applicable)</i> N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> N/A
PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> N/A			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER Calvin Giordano & Associates	b. POINT OF CONTACT NAME Mr. Jonathan Cooper	c. POINT OF CONTACT TELEPHONE NUMBER (954) 921-7781		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost.)</i> Description: Structural restoration of Pump Station Cost: \$ 600,000.00 Scope of Work: Structural condition survey, prepared construction documents, and periodic inspections during construction				
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
(1) FIRM NAME a. Lakdas/Yohalem Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, Florida	(3) ROLE Structural Engineer & Inspection Services		



G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

[illegible]

29. EXAMPLE PROJECT KEY

No.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	No.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1.	City of Margate Conversion of Existing Chlorine to Backwash Holding Tank WWTP	6.	Hallandale Beach Pump Stations
2.	CO2 System Addition – Pembroke Pines Water Treatment	7.	Dania Beach Pump Station
3.	Miramar Water Treatment Plant Expansion	8.	
4.	Lloyd Estates Drainage Improvements	9.	
5.	South Broward Drainage District, Pump Station Renovation	10.	



H. ADDITIONAL INFORMATION

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

LAKDAS/YOHALEM ENGINEERING, INC., (LYE) is a Structural Engineering firm, which was established in Florida in the late 1965's as Yohalem Engineering, Inc.

1. The firm offers a variety of Structural Engineering services, specializing in commercial, institutional and educational facilities, water and wastewater treatment plants, water control structures, marinas and bridges. The firm also has completed a number of City complexes and participated as City Consultant and Special Inspector for a number of City and Public Agencies.
2. **Structural Engineering:** Structural Analysis Design, Feasibility Studies of expansion, addition and renovation of existing structures, Prepare Drawings, Specifications and Contract Documents to satisfy the engineering requirements for commercial, educational, institutional and residential buildings, parks and recreational facilities, city complexes, water and wastewater treatment facilities, water control structures, pump stations, pipelines, bridges and marina structure.
3. **Construction Observation/Inspection:** Provide Threshold and Special Inspection and Observations of civil and structural systems under construction.
Mr. Nanayakkara is a Uniform Building Code Inspector certified by the Florida Department of Education. Special Inspector (Threshold Inspector) authorized by the Florida Concrete and Products Association.
4. **Value-Engineering:** Mr. Nanayakkara has participated in several multi-million-dollar value-engineering and constructability review projects, design and construction of several projects within a specified budget, which resulted in substantial savings to the Owners.
5. **Small Business Enterprise:** Lakdas/Yohalem Engineering, Inc. is a Small Business certified in Broward, Dade and Palm Beach Counties and by the Florida Department of Management Services.
6. **Insurance:** The firm is fully insured and carries \$2,000,000 in Professional Liability Insurance.

The firm's commitment to success begins with a highly skilled design and construction inspection team. knowledgeable in all aspects of a project from start to finish. Throughout completion of a project, Lakdas/Yohalem, Inc. encourages continuous two-way communication between Owners, Clients and Contractors.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

July 18, 2018


33. NAME AND TITLE

Lakdas Nanayakkara, President



ARCHITECT – ENGINEER QUALIFICATIONS1. SOLICITATION NUMBER (If any)
RFQ No. PSEN-18-02**PART II – GENERAL QUALIFICATIONS**

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

2a. FIRM (OR BRANCH OFFICE) NAME Lakdas/Yohalem Engineering, Inc.				3. YEAR ESTABLISHED 1987		4. DUNS NUMBER 08-735-8701	
2b. STREET 2211 NE 54 th Street				5. OWNERSHIP a. TYPE Corporation			
2c. CITY Fort Lauderdale		2d. STATE FL		2e. ZIP CODE 33308		b. SMALL BUSINESS STATUS MBE/SBE/DBE/CDBE	
6a. POINT OF CONTACT NAME AND TITLE Lakdas Nanayakkara				7. NAME OF FIRM (If block 2a is a branch office)			
6b. TELEPHONE NUMBER (954) 771-0630		6c. E-MAIL ADDRESS lye@lyengineering.com					
8a. FORMER FIRM NAME(S) (If any) Yohalem Engineering, Inc.				8b. YR ESTABLISHED 1969		8c. DUNS NUMBER	
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 (see below)	
		(1) FIRM	(2) BRANCH				
02	Administrative (Principal)	1		C07	37 years	5	
02	Administrative	2		C08	30 years	5	
48	Project Managers	3		C09	16 years	5	
57	Structural Engineer	2		C10	37 years	5	
12	Civil Engineer	1		C11	38 years	5	
08	Cadd Technician	1		F05	25 years	5	
15	Construction Inspector	4		S90	34 years	5	
	Other Employees						
Total		14					
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)				PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work		5		1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million 6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater			
b. Non-Federal Work							
c. Total Work		5					
12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.							
a. SIGNATURE 				b. DATE July 18, 2018			
c. NAME AND TITLE Lakdas Nanayakkara, President							



ARCHITECT - ENGINEER QUALIFICATIONS

PART 1 - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

City of Pembroke Pines - Professional Services Provider (Architectural, Engineering, Surveying, Mapping)

2. PUBLIC NOTICE DATE

June 26, 2018

3. SOLICITATION OR PROJECT NUMBER

PSEN-18-02

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Richard Wohlfarth, P.E., B.N., Principal/ Director of Engineering

5. NAME OF FIRM

Nutting Engineers of Florida, Inc.

6. TELEPHONE NUMBER

561-736-4900

7. FAX NUMBER

561-737-9975

8. E-MAIL ADDRESS

Rickw@nutting.biz

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.			<input checked="" type="checkbox"/>		Nutting Engineers of Florida, Inc.	1310 Neptune Drive Boynton Beach, Florida 33426	Geotechnical exploration and engineering services
				<input type="checkbox"/>	CHECK IF BRANCH OFFICE		
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 Richard C. Wohlfarth, P.E.	13. ROLE IN THIS CONTRACT Dir. of Engineering/ Principal-In-Charge	14. YEARS EXPERIENCE a. TOTAL 32 b. WITH CURRENT FIRM 27	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Nutting Engineers of Florida, Inc., Boynton Beach, Florida			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> University of Florida - B.S. Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida Professional Engineer #50858 Registered Building Inspector BN #3580 SBCCI #6528 Level 1 Unbonded PT - Field Installation	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Florida Engineering Society- Past Chapter President, National Society of Professional Engineers, Treasure Coast Builders Association, American Red Cross First Aid & CPR Certification			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> City of Pembroke Pines, Various Projects	(2) YEAR COMPLETED PROFESSIONAL SERVICES ongoing CONSTRUCTION <i>(If applicable)</i> ongoing	
a. (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 geotechnical engineering services for the City and/or City-hired consultants. Projects include but are not limited to Pembroke Road Extension Project from SW 196th Avenue west to SW 208th Avenue (2016), Pembroke Pines FPL Easement Parking Lot Expansion (2014), Pembroke Lakes Golf Course (2012), CB Smith Park - Paradise Cove Water Park (2011).		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Coral Springs, Various Projects	(2) YEAR COMPLETED PROFESSIONAL SERVICES ongoing CONSTRUCTION <i>(If applicable)</i> ongoing	
b. (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 geotechnical engineering, construction materials testing and inspection services on many projects including multiple lift stations, NW 110th Avenue water main replacement (2017), Sample Road waste and force main replacement (2017), W. and E. booster station rehab (2016), Forest Hill Boulevard sidewalk lighting (2015), rehabilitation of Mullins water booster station (2015), Westside municipal site, waste transfer station, multiple wellhead replacements, emergency water services interconnect upgrade.		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Miramar, Various Departments	(2) YEAR COMPLETED PROFESSIONAL SERVICES ongoing CONSTRUCTION <i>(If applicable)</i> ongoing	
c. (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 geotechnical engineering, construction materials testing and inspection services per a qualification based continuing service contract. Projects include the City of Miramar Overflow Parking Facility, Fire Station #107, Police Department, East Miramar fire hydrant and line improvements, Old City Hall site, Ansin Sports Complex, Miramar Multi-Service Center, numerous parks and infrastructure improvement projects.		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Hollywood, Various Projects	(2) YEAR COMPLETED PROFESSIONAL SERVICES ongoing CONSTRUCTION <i>(If applicable)</i> ongoing	
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 Lift stations, roadway improvements, drainage improvements, water main replacements, water treatment plants and building construction throughout Hollywood including the Young Circle parking and traffic improvement project, Garfield Street Parking Garage, Charnow Park, Dowdy Field, Rotary Park Improvements, Raw Water Piping Floridan, Water Main Replacement Program, Hollywood WWTP.		
(1) TITLE AND LOCATION <i>(City and State)</i> Broward County, (Qualification Based Contract), Multiple Depts. inc. Public Works, Building, Parks & Rec., Aviation, Fire Rescue, Roadway	(2) YEAR COMPLETED PROFESSIONAL SERVICES ongoing since '87 CONSTRUCTION <i>(If applicable)</i> 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 Provide geotechnical engineering, site and building pad preparation monitoring, construction materials testing, special/threshold inspection services. Projects under this contract include West Regional Library and Parking Garage, EDP Laboratory, Pembroke Park Fire Stations #17 and #27, multiple roadway improvements, Aviation Dept. (several new bldgs., new terminal building and apron, a 1.3M SF 7-story short term parking structure, fuel line relocations, roadways and bridges).		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME Christopher E. Gworek, P.E.	13. ROLE IN THIS CONTRACT Senior Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 15
15. FIRM NAME AND LOCATION <i>(City and State)</i> Nutting Engineers of Florida, Inc., Boynton Beach, Florida			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Clarkson University-Potsdam, NY M.S. Engineering Wastewater Treatment & Pollution Control B.S. Civil Environmental Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida Professional Engineer (PE) #69947 Engineering Intern (EI) ACI Concrete Field Testing Level I	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> 2014 Engineer of the Year for the Palm Beach Chapter of the Florida Engineering Society, American Red Cross First Aid & CPR Certification			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Westside Municipal Site, City of Coral Springs	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i>
a. (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 geotechnical engineering services via City hired consultant for the the municipal site including a subsurface soil investigation for evaluation of poor drainage during major storm events and the redevelopment of the site.		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Coral Springs, Various Projects	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
b. (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 geotechnical engineering, construction materials testing and inspection services on many projects including multiple lift stations, NW 110th Avenue water main replacement (2017), Sample Road waste and force main replacement (2017), W. and E. booster station rehab (2016), Forest Hill Boulevard sidewalk lighting (2015), rehabilitation of Mullins water booster station (2015), Westside municipal site, waste transfer station, multiple wellhead replacements, emergency water services interconnect upgrade.		
(1) TITLE AND LOCATION <i>(City and State)</i> Broward County, (Qualification Based Contract), Multiple Depts. inc. Public Works, Building, Parks & Rec., Aviation, Fire Rescue, Roadway	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Phase I/II environmental assessments, geotechnical engineering, site and building pad preparation monitoring, construction materials testing, special/threshold inspection services. Projects under this contract include West Regional Library and Parking Garage, EDP Laboratory, Pembroke Park Fire Stations #17 and #27, multiple roadway improvements, Aviation Dept. (several new bldgs., new terminal building and apron, a 1.3M SF 7-story short term parking structure, fuel line relocations, roadways and bridges).		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Coconut Creek, Various Projects	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> ongoing
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 Provide geotechnical engineering and construction materials testing services for various project throughout the City including storm drain improvements, water mains, various roadway projects, crosswalk repairs, NW 76th Place bridge, C-5 Canal widening, Lyons Road median enhancement, Hosfort Park, Sable Pines Park ballfield improvements, County turn around, Lyons Gate, and NW 39th Street reclaimed water station.		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Lauderhill, Various Projects	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014 - 2015	CONSTRUCTION <i>(If applicable)</i> 2015
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 Provided/ing construction material testing and threshold inspection services for the design and construction of the new three-bay fire station #110. Additional projects include the geotechnical engineering, material testing and/or inspections for the new proposed fire tower, the 33,000 SF Performing Arts Center and adjacent 11,000 SF Library, and the 40,000 Municipal Building.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION <i>(City and State)</i> City of Pompano Beach, Florida - Various Projects		22. YEAR COMPLETED PROFESSIONAL SERVICES ongoing
		CONSTRUCTION <i>(If applicable)</i> ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Pompano Beach	b. POINT OF CONTACT Mr. Luis Friend	c. POINT OF CONTACT TELEPHONE NUMBER 954-786-4023
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Nutting Engineers of Florida, Inc. was retained by the City of Pompano Beach to perform geotechnical exploration/ engineering and construction materials testing services for numerous projects including but not limited to:

- **Proposed Mast Arm Traffic Signal, MLK Boulevard & NW 27th Avenue, 2016:** Proposed installation of a new mast arm.

- **Old Pompano Area Improvement Project, 2016:** Multi-phased (6) improvement project including site preparation, earthwork, dewatering, roadway and driveway restoration, landscaping improvements and lighting improvements in various locations.

- **Charlotte Burrie Community Center, 2015:** New 1 or 2-story, ~8,712 SF community center and asphalt parking area

- **Community Park Aquatic Center, 2012:** Construction of a new aquatic timing device (scoreboard)

- **Palm Aire Park Improvements, 2010:** New 1-story, 500 SF restroom facility within the park

Projects via third party include but are not limited to:

- **Broward County Septage Facility, 2017:** Constructing a new operations building, dumpster pad, and pump pad

- **MPS 221 Rehabilitation, 2016:** Rehabilitation of an ~12' x 6' fuel tank

- **Alsdorf Park, 2012:** Improvements and repairs including the expansion of the existing paved parking area, existing boat dock, boat ramp and seawall

- **Pompano Beach Air Park, 2011:** Construction of eight (8) new hangar buildings, ranging from 1,150 SF to 11,000 SF in size

- **Pompano Beach Community Park, Phase III, 2011:** Construction of a new 1-story, ~2,000 SF restroom and concession building

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Nutting Engineers of Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Boynton Beach, Florida 33426	(3) ROLE Geotechnical Engineering Services - full scope of services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2				
21. TITLE AND LOCATION (City and State) City of Coral Springs, Florida - Various Projects		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>ongoing</td> <td>ongoing</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	ongoing	ongoing
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
ongoing	ongoing					

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Coral Springs	b. POINT OF CONTACT Mr. Ronald Stein	c. POINT OF CONTACT TELEPHONE NUMBER 954-946-1739

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Nutting Engineers of Florida, Inc. was retained by the City of Coral Springs to perform geotechnical exploration/ engineering, construction materials testing and/or inspection services for numerous projects including but not limited to:

Coral Springs Municipal Complex, Ongoing:

Construction of a new 5-story municipal building and 3-story parking garage.

Westside Maintenance Facility, 2017:

Future construction of a new 2-story maintenance facility include dock high bay areas.

CSI Building Addition, 2016:

Interior build out of ~1,260 square foot of the existing 1st floor building and the addition of an ~1,970 square foot 2nd floor.

Tennis Complex Storage Building, 2015: Construction of a new 1-story, ~1,200 SF metal storage building.

Humane Building, West Side Expansion 2015:

Proposed expansion to the existing facility.

Other recent projects include but are not limited to:

- Lift Station 21C reconstruction and new force main, 2017
- NW 110th Avenue water main replacement, 2017
- NW 40th Street improvements, 2017
- Sample Road water and force main replacement, 2017
- 14E, 17A, 17C, 18C lift station rehab and force main replacement, 2016
- West and East water booster station rehab, 2015
- Forest Hill Boulevard sidewalk lighting, 2015



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Nutting Engineers of Florida, Inc.	(2) FIRM LOCATION (City and State) Boynton Beach, Florida	(3) ROLE Geotechnical Engineering Firm - full scope of services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION <i>(City and State)</i> City of Coconut Creek, Florida - Various Projects		22. YEAR COMPLETED PROFESSIONAL SERVICES 2005
		CONSTRUCTION <i>(If applicable)</i> ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Coconut Creek	b. POINT OF CONTACT Mr. Randall Blachette, PE	c. POINT OF CONTACT TELEPHONE NUMBER 954-973-6786
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Nutting Engineers of Florida, Inc. has a relationship with the City of Coconut Creek dating back to 2005 with projects directly for the City of Coconut Creek, and projects through contractors, architects and engineers providing geotechnical studies, construction material testing, laboratory testing and inspection services.

466 West Meter, NEC of West Sample Road and SR441 Entrance Ramp, 2015 (CDM Smith)

NE was retained by CDM Smith to perform geotechnical exploration/engineering services in an effort to evaluate the subsurface soil conditions in preparation for the installation of master meter vaults.

NW 51st Terrace & Johnson Road Drainage, 2014

NE was retained by the City to perform geotechnical exploration/engineering services (exfiltration tests) in an effort to further evaluate the drainage issues and subsurface soil conditions in an effort to improve road conditions.

Sabal Pines Park Ballfield Improvements, 5005 NW 39th Avenue, Coconut Creek, 2013

NE was retained by the City to perform geotechnical exploration/engineering services In an effort to further evaluate the drainage issues and subsurface soil conditions in an effort to improve field conditions.

City of Coconut Creek Public Works Building, Imm. S. of Copans Road & West of Lyons Road., Coconut Creek, 2011

NE was retained by Walter Zackria Associates to perform

geotechnical exploration/engineering services in an effort to evaluate the subsurface soil conditions in preparation for the proposed Public Works Building.

Reclaimed Waterline Installation, Wiles Road, Lyons Road & NW 39th Street, Coconut Creek, 2010

NE was retained by Eckler Engineering to perform geotechnical exploration/engineering services in an effort to evaluate the subsurface soil conditions in preparation for proposed waterline installation at the site.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Nutting Engineers of Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Miami, Florida	(3) ROLE Geotechnical Services Firm- full scope of services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4				
21. TITLE AND LOCATION (City and State) City of Hallandale Beach, Florida - Various Projects		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>ongoing</td> <td>ongoing</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	ongoing	ongoing
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
ongoing	ongoing					

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Hallandale Beach	b. POINT OF CONTACT Mr. Gregg Harris	c. POINT OF CONTACT TELEPHONE NUMBER 954-451-3029
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Nutting Engineers of Florida, Inc. has performed geotechnical exploration/engineering, construction materials testing and/or inspection services for the City of Hallandale Beach since 2001. Most recent projects include, but are not limited to:

- **Hallandale Beach Stormwater 42 Year Community Development Block Grant, 2017:** Installation of drainage pipes, catch basins, manholes, and exfiltration trenches throughout the referenced project area.

- **SW-SE Hallandale Beach Drainage Improvements, 2017:** Installation of 72-inch to 18-inch diameter DIP Force Mains (approx. 3,900 l.f.), Pump Stations, Control Structures, and Drainage Structures

- **Bluesten Park, 2016:** Construction of a new community recreation center, swim sports facility, field house, pool and children's area, multiple sports courts and two (2) baseball fields on a 16.5 acre site.

- **Golden Isles Tennis Complex and Dog Park, 2015:** Construction of a new restroom facility, pro shop area, the reconfiguration of the existing tennis courts and paved parking area.

- **Fire Station #7, 2015:** Performed exfiltration testing for the drainage evaluation of existing soils.

- **OB Johnson Park, 2014:** Construction of a 2 to 3-story, ~45,000 SF building with associated site amenities.

- **City of Hallandale Beach Main Fire Station, 2014:** Construction of a new 2 to 3-story fire station and emergency operation center with a footprint of ~20,000 SF.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Nutting Engineers of Florida, Inc.	(2) FIRM LOCATION (City and State) Miami, Florida	(3) ROLE Geotechnical Engineering Firm - full scope of services
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION <i>(City and State)</i> City of Hollywood, Florida - Various Projects		22. YEAR COMPLETED PROFESSIONAL SERVICES ongoing since '02 CONSTRUCTION <i>(If applicable)</i> ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Hollywood, Various Depts.	b. POINT OF CONTACT See Below	c. POINT OF CONTACT TELEPHONE NUMBER See Below
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Nutting Engineers of Florida, Inc. has a relationship with the City of Hollywood dating back to 2002 with a geotechnical study and asphalt coring services for the Ocean Walk (for Mr. Moe Anuar). Since then we have provided dozens of geotechnical studies as well as provided construction material testing, laboratory testing and inspection services directly for Hollywood personnel.

2017 Projects:

Water Main Replacement Program Hollywood Boulevard from Johnson Street to Hollywood Boulevard and 60th Avenue to North 53rd Avenue (64,000 lf) (Geotechnical)
 Water Main and Sewer Replacement Hollywood Boulevard, north of Pembroke Road, west of South Federal Highway and east of South Dixie (60,000 lf) (Geotechnical)

2015 Projects:

Water Main Replacement Program South 26th Avenue to Dixie Highway (Testing)

2014 and 2013 Projects:

WTP Scrubber System Expansion, Hollywood Boulevard and North 35th Avenue (Geotechnical)

Alleyways between 54th and 55th Avenue (Geotechnical)
 Hollywood WWTP @ 1621 North 35th Avenue (Testing)

2012 and 2011 Projects:

Drainage Study @ NW 29th Street between NW 6th Avenue and Florida Turnpike
 14th Avenue Drainage Improvements @ North 14th Avenue & various streets west of North 14th Avenue
 Dixie Corridor Septic to Sewer Conversion, Dixie Highway between Pembroke Road and Sheridan Street; between Sherman Street and Taft Street

New Pipeline on Arthur Street to Hollywood Boulevard, Arthur Street and North 12th Avenue to North 14th Avenue DIW Booster Pump Station @ Hollywood WTP, Hollywood Boulevard
 Signal and Road Improvements @ Taft Street and North 21st Road

City Personnel Contact:

Mr. Clece Aurelus, 954-921-3930, Mr. Leslie Pettit, 954-921-3995, Mr. James Mortel, 954-621-3930

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Nutting Engineers of Florida, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Miami, Florida	(3) ROLE Geotechnical Engineering Firm - full scope of services
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

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

[illegible]

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	City of Pompano Beach - Various Projects	6	
2	City of Coral Springs - Various Projects	7	
3	City of Coconut Creek - Various Projects	8	
4	City of Hallandale - Various Projects	9	
5	City of Hollywood - Various Projects	10	

H. ADDITIONAL INFORMATION

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

Relevant Experience: As the current contract holder for geotechnical engineering, construction material testing, and inspection services for various South Florida entities including Broward Schools and Miami Dade County and Miami Dade Public Schools, Nutting Engineers of Florida, Inc. is very familiar with the needs and expectations of the City. Additionally, as we celebrate our "50 Year Anniversary" in S.Florida and the Treasure Coast we are very knowledgeable of local conditions and building standards.

Safety Director: Another aspect that sets Nutting Engineers of Florida, Inc. apart from other firms is having on staff a full-time Safety Director, Mrs. Mattie Allen, who ensures that our team members are providing services in the safest way possible, benefiting both the City and the Nutting team. Our team has developed a strict Safety Program which includes a standard method of operations and employee training program to minimize risks at all costs, taking all precautions against accidents, injuries, liabilities and other work stoppages for the benefit of and to protect our personnel, our clients and the safety of all parties involved.

Mrs. Allen's daily procedures include un-announced job-site visits ("safety checks") to ensure appropriate safety harnesses/vests, hard hats, eye wear, footwear and procedures are being implemented. Through use of our GPS tracking system she also monitors the speed and driving patterns of the members of the fleet. She oversees mandatory safety meetings, where she or a topic geared outside speaker address different topics, such as proper lifting techniques, job site safety, protective gear usage, safe driving techniques, OSHA practices, to name a few. She also oversees the in-house "Safety First" incentive program which includes quarterly meetings and newsletters as well as the CPR and First Aid training of every field AND in-house Nutting employee.

Mrs. Allen is also responsible for the "Jessica Lunsford Act" Screenings for our employees that work on school projects. Given our number of relevant qualification based contracts with School Districts and Counties, including Broward, Miami Dade, Martin and Indian River Counties, a lot of our employees are already screened and badged throughout South Florida and the Treasure Coast.

Nutting Engineers of Florida is proud to report in the last 2 years our EMR has dropped from 1.13 (2015), 1.16 (2016) to .72 (projected for July 2017). This was accomplished through the concerted effort of all employees.

Our Drug-Free Workplace Program is an integral part of our Safety program: Our stringent Drug Free Workplace Program, overseen by Mrs. Betsy Butler, Principal, and Mrs. Mattie Allen, Safety Officer, involves pre-employment and random testing of every employee regardless of rank or position. Three to four employees are randomly chosen per month by an outside testing agency. The chosen employees are immediately dispatched to a testing facility to provide a sample. An employee is also sent for testing if there is reasonable suspicion, as well as post-accident situations. In any situation, if the employee tests positive for drugs and/or alcohol, they may be subject to disciplinary action including 12 months of random testing, referral to the Employee Assistance Program (see below) and/or suspension, or immediate termination.

An added benefit of Nutting's employee benefit package includes an "Employee Assistance Program" (EAP), a confidential outside resource Center, at no cost to the employee and their dependents. Access to the EAP is through self-referral or by a supervisor. One of the many benefits offered at this Program/ Center is substance abuse assessment and counseling or referral, as well as counseling for marriage, divorce adjustment, job-related issues, parent/ child, mental health and legal/ financial consultations.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

July 18, 2018

33. NAME AND TITLE

Mr. Richard C. Wohlfarth, PE, Principal/Director of Engineering

STANDARD FORM 330 (REV. 3/2013) PAGE 11

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

Parks Architectural and Engineering Services - City of Pembroke Pines, FL

2. PUBLIC NOTICE DATE

June 26th, 2018

3. SOLICITATION OR PROJECT NUMBER

RFQ # RE-18-10

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Manuel Synalovski, AIA, LEED AP, Managing Principal

5. NAME OF FIRM

Synalovski Romanik Saye, LLC

6. TELEPHONE NUMBER

954.961.6806

7. FAX NUMBER

954.961.6807

8. E-MAIL ADDRESS

msynalovski@synalovski.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.	x			Synalovski Romanik Saye, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	1800 Eller Drive Suite 500 Fort Lauderdale, FL 33316	Architect Planner Design Criteria Professional
b.			x	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.			X	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.			x	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.			x	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.			x	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
g.			x	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
h.			x			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME Manuel Synalovski, AIA, LEED AP	13. ROLE IN THIS CONTRACT Project Principal	14. YEARS EXPERIENCE	
		a. TOTAL 31	b. WITH CURRENT FIRM 28
15. FIRM NAME AND LOCATION <i>(City and State)</i> Synalovski Romanik Saye, LLC - Fort Lauderdale, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Architecture, 1983, University of Miami		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida, Architect; Texas, Architect; Connecticut, Architect Illinois, Architect; Puerto Rico, Architect	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> NCARB, AIA, LEED AP, UBCI, Broward County Board of Rules and Appeals, President B'nai Aviv in Weston, Board Member Area Agency for the Aged, Sponsor for: Children's Harbor in Pembroke Pines, Kids in distress in Wilton Manors, Jewish Federation of Broward County, Rotary Club in Weston, Samuel Scheck Hillel Day School, UNICEF USA, Broward College			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Ingalls Park/ Community Center Improvements – Hallandale Beach, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If Applicable)</i> 2018
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
a. SRS was tasked with renovating the interior of the existing Community Center/Restroom Building, add +/-20 parking spaces at either the South end along SW 2nd Court or along the West side of the park along SW 8th Avenue, rework interior walkway system as required by parking addition, provide perimeter fencing along either the South end or the West side of property and adjust/improve landscape along of park where new parking is provided, replace pedestrian bridge over water feature, provide a new covered maintenance area, rework existing interior walkway system at North end as required to accommodate new maintenance building, provide new dumpster enclosure, provide location, specification and structural engineering for replacement of two covered pavilions, which will be provided by Owner under separate contract.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Emma Lou Olson Community Center – Pompano Beach, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If Applicable)</i> 2018
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
b. Architectural and Electrical Engineering Services required for the renovation of +/-1,300 SF at the existing Emma Lou Olsen Community Center Lobby located at 1801 NE 6th Street - Pompano Beach, FL 33060. Basic Services include Site Visit/As-Built Documentation/CAD Base File Entry; Construction Documents based Option 1's furniture layout provided, Bidding and Permitting Services and limited Construction Administration for RFI review and response, submittal review, pay application review and 3 site visits during construction.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Veteran's Park - Lauderhill, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If Applicable)</i> 2018
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
c. For the past 10 years, SRS has helped to reshape and renew Lauderhill's urban environment, including elementary and middle schools, commercial designs, and a number of municipal projects. Working with the city's leadership has given SRS unique insight into the culture of the community and its needs and expectations going forward. As such, SRS is designated as the Design Criteria Professional to oversee and advise on the upgrades and expansion of Veterans Park. The existing community center will be renovated and expanded. Bleachers will be replaced at the existing soccer and baseball fields, and new dugouts and backstop will be added to the baseball field. An existing wading pool will be replaced by a modern interactive splash play area. The existing pool deck, drainage, and adjacent older covered pavilions will all be replaced with new components, equipment, and decorative materials.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
98th Street Park – Bay Harbor Islands, FL	PROFESSIONAL SERVICES 2013	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	
d. Winters Park has been a long time coming. Bay Harbor Islands purchased the passive park's three parcels of land for \$3.7 million in 2007. But it wasn't until 2012 that \$650,000 was allocated from the city's reserve funds to pay for the park's construction. Winters Park, which spreads across roughly three-quarters of an acre, also features two shaded playgrounds with poured-in-place rubberized surfacing, an interactive splash pad, a picnic pavilion, an open field, an adjacent dog park with water fountains. It's also the first out of the town's five parks to offer public restrooms, with added baby changing stations to both the men's and women's restrooms. Ten new trees were added to the park and dog area, which will provide more shade over time.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Sadkin Community Center - Lauderhill, FL	PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If Applicable)</i> 2010
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
e. SRS assisted the City of Lauderhill in improving the Interior Finish Selection and Graphic Design at the Sadkin Community Center. Several Rooms including the Large Multi-Purpose Room, wall tiles and corridor floor patterns were chosen based on the input and needs identified by the Assistant City Manager and the Art in Public Places Program. SRS presented and reviewed palettes, finishes, ideas and concepts with the client as required by the project program.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME Merrill Romanik, AIA, LEED AP	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE a. TOTAL 26 b. WITH CURRENT FIRM 26	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Synalovski Romanik Saye, LLC - Fort Lauderdale, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Architecture, University of Florida 1989 Master of Building Construction, University of Florida 1992 Master of Architecture, Georgia Institute of Technology 1994 <u>Continuing Education, 1997 - Present</u>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida, Architect, Interior Designer	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> NCARB, AIA, International Association of Interior Design, International Association of Police Chief Certification for the design of Police and Fire Facilities			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Charlotte J. Burrie Civic Center – Pompano Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION <i>(If Applicable)</i> 2018	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. With enthusiastic approvals by the Planning and Zoning Department and the Architectural Appearance Board of the City of Pompano Beach, the 8,712 SF center is on a course to address community needs long championed by City Commissioner Charlotte J. Burrie. The Center is designed with multipurpose meeting spaces for civic, social, and recreational activities, easy pedestrian access with ADA compliance, porte cochere entrance for inclement weather protection, and 48 vehicular and 20 bicycle parking spots. Interior floor plans feature reception area and administrative offices; small conference room; assembly spaces for classes or meetings; large multipurpose room to offer table seating for 125, or theater style seating for 250, as well as a performance stage; and a warming kitchen, restrooms, and storage areas.		
(1) TITLE AND LOCATION <i>(City and State)</i> Windmill Park Improvements – Coconut Creek, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION <i>(If Applicable)</i> 2018	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. In 2011, the City of Coconut Creek purchased a neighboring two-acre lot, with plans for a major \$2.4 million revamping. Current plans include easier, more direct access to each area, new lighting, repositioning the tennis courts, expanding the dog park, adding ADA-approved play apparatus, stationed outdoor exercise paths, picnic pavilions, restrooms, and additional parking spaces. To retain a sense of its farmstead origins, Windmill Park will be dotted with rustic accents, such as a corral fencing entry reminiscent of the Johns' home. As an additional scope to the project, the administration spaces were moved to the second level of existing park building and the downstairs area converted to a Tennis Pro Shop and storage, the existing restrooms were renovated and a closed lift secure elevator to the existing building. Project was completed June 2018.		
(1) TITLE AND LOCATION <i>(City and State)</i> Ocean Park Revitalization Phase 1 – Dania Beach, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION <i>(If Applicable)</i> 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 c. As part of the City of Dania Beach's Beautification Plan for its Parks, SRS was tasked with upgrading and adding facilities at Ocean Park, a five acre linear park. This included Dune Restoration, Landscaping and Beautification, Renovation of existing Bathrooms and enhanced Lighting and Signage. SRS participated in Phase One of the process which focused primarily on site improvements, organizing signage and creating a sense of place for the Dania Beach Ocean Park. A Kayak Building was added for storage of rafts and other beach equipment. Its location, so near to the inlet, has some of the best natural and well preserved beaches in South Florida in addition to a fully operational marina and accented by the Dania Beach Pier and the Quarterdeck Restaurant. This provided a particular challenge as the buildings had to maintain their integrity to be able to withstand the ever present elements (wind, sand, sun), while adhering to the Mid- Century Modern vernacular of the City.		
(1) TITLE AND LOCATION <i>(City and State)</i> Village Multipurpose Center - Sunrise, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2007 CONSTRUCTION <i>(If Applicable)</i> 2008	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. The City of Sunrise and the School Board of Broward County partnered to create a master-planned multipurpose complex in response to a community need for recreation, education, and extracurricular activities. At a site adjacent to Sunrise's City Park and Village Elementary School, facilities were built to be shared by the school and the City's Leisure Services Department. Included are a multipurpose gymnasium, five instructional classrooms, administrative spaces, and restroom facilities. The \$5.5 million complex stands as a model of the power and intelligence of community partnering by the City of Sunrise and the School Board in sharing a vision and pooling funding monies.		
(1) TITLE AND LOCATION <i>(City and State)</i> Village Community Center - Pembroke Pines, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 1997 CONSTRUCTION <i>(If Applicable)</i> 1998	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. The city government had outgrown its space at the original City Hall. Plans to retool the building for other purposes were developed by our firm and the City of Pembroke Pines. With a construction cost of \$1 million, the renovation and additions integrated new programs comprising four preschool classrooms, a multipurpose room, a stage, offices, two gallery spaces, restrooms, and an external playground.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1		
21. TITLE AND LOCATION (City and State) St. George Community Park – Lauderdale, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION (if Applicable) 2018</td> </tr> </table>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (if Applicable) 2018
PROFESSIONAL SERVICES 2017	CONSTRUCTION (if Applicable) 2018			

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Lauderdale	b. POINT OF CONTACT NAME Mrs. Desorae Giles-Smith, Asst. City Manager	c. POINT OF CONTACT TELEPHONE NUMBER 954.730.3000
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Formerly under the purview of Broward County, St. George Community Park was annexed into the City of Lauderdale's jurisdiction more than a decade ago. It has been a favorite recreation and sports venue for Lauderdale's children, teens, and residents of all ages since its creation. As a frequent planning and design consultant to area parks around the state, **SRS** worked with Lauderdale's City Commission and Parks & Recreation Department to help evaluate the status of the park's existing features, determine present-day needs, and provide a plan for modernization and upgrades. Alterations and improvements include: a cover for the original basketball court; resurfacing of tennis courts; replacement and enhancement of playground equipment; renovation of restrooms; replacement of the baseball field; addition of outdoor fitness equipment; and addition of a peewee football field, bleachers, and lighting.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Synalovski Romanik Saye, LLC	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Architect
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. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION (City and State) Charles F. Dodge Civic Center – Pembroke Pines, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (if Applicable) 2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Pembroke Pines	b. POINT OF CONTACT NAME Mr. Steven Buckland, Asst. Director of Public Services	c. POINT OF CONTACT TELEPHONE NUMBER 954.518. 9107
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

A beacon in the community, Civic Center at City Center in Pembroke Pines is a four-story, flexible-use 35, 000 SF civic center where plays, conferences, small concerts and other performances will take place. The impressive Great Hall offers room for over 3,200 guests seated theater style, 2,600 for concerts, 1,300 classroom style, 1,120 banquet style and more than 100 exhibits for trade shows. . In addition, the Civic Center will also house the new Commission Chambers on the ground level and the City's new administrative offices on the top two floors. The public lobby engages the visitor with great wall of natural light, a cascade of lights hovers above, glass elevators and escalators help move the people through the space, and the finishes are elegant, modern and sleek. **SRS** was the Design Criteria Professional for the Facility.


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Synalovski Romanik Saye, LLC	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Architect
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

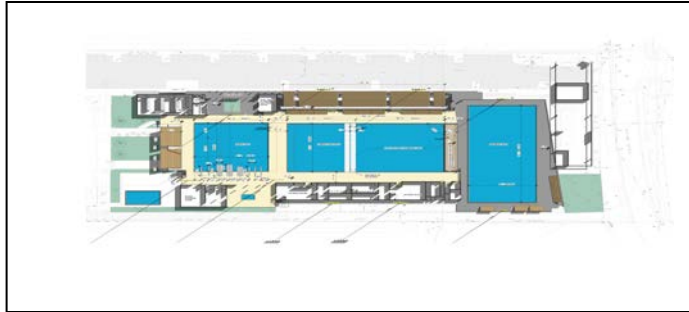
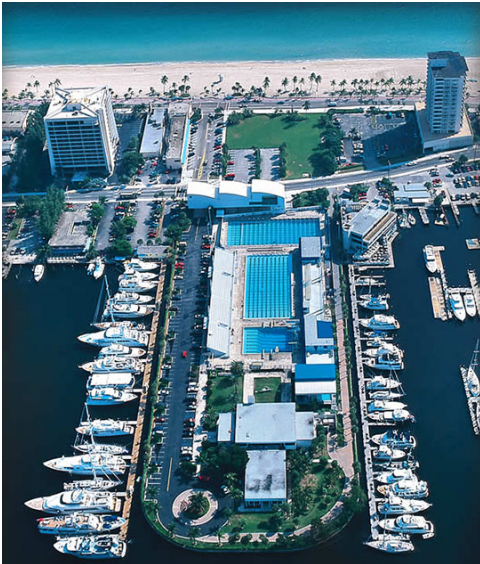
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION (City and State) Aquatic Complex – Fort Lauderdale, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION (if Applicable) 2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Mr. Tom Green, PE – Beach Senior Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER 954.797.2268
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The Design Criteria Package for Fort Lauderdale Aquatic Complex improvements involves an \$18.2 million budget. Improvements include removal of the existing Main Competition Pool, and replacement with an expanded and fully FINA-compliant [Fédération Internationale de Natation] pool with two movable stainless bulkheads. The existing Diving Pool and underground observation room will be removed and replaced with a new fully FINA-compliant pool with a dive tower of five platform levels and one-meter and three-meter springboards. Metal bleachers for 550+/- spectators will be added to the west side of the Diving Pool. The existing Divers Spa will be replaced with a new larger spa. Other improvements include new surfacing and gutters for the existing Training Pool; new surfacing for the existing Instructional Pool; and raising the pool deck to allow for increased pool depth competition levels. A new grandstand building and bleachers will replace the existing north side facility, providing a fabric shade canopy, new restrooms, concessions, ticket office, and metal bleachers for 1500+/- spectators.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Synalovski Romanik Saye, LLC	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Architect
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4
21. TITLE AND LOCATION (City and State) Plantation Community Center - Plantation, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (if Applicable) 2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Plantation	b. POINT OF CONTACT NAME Mr. Danny Ezzeddine, AIA - Chief Building Official	c. POINT OF CONTACT TELEPHONE NUMBER 954.797.2268
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

A new 12,500 SF community center will enhance Plantation Woods Park, located within the Plantation's "Historic District." The new \$2 million 10,500 SF facility that embraces the park's whimsical features, while providing outdoor adult exercise opportunities with cross-fitness station rotations, children's play areas, interactive indoor playing equipment, aerobics/dance studio that may all be converted into one large space for events for over 300 people, game room, meeting rooms, warming kitchen, large event and performance spaces, summer children's programming and administrative spaces. The structure appears to float into the existing park and provides the indoor spaces in a light, airy and natural way.


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Synalovski Romanik Saye, LLC	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Architect
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION <i>(City and State)</i> Southside Cultural Center – Fort Lauderdale, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION (if Applicable) 2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Mr. Scott Teschky, Senior Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER 954.828.6195
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

South Side, Fort Lauderdale's first elementary school, is one of the city's earliest surviving structures. An historic treasure, it was added to the U.S. National Register of Historic Places in 2006. Designed by architect John Peterson, South Side opened in 1922 in the midst of the 1920s Florida real estate boom. The 11,000 SF, two-story building features stucco exterior, awning style windows, a flat roof with a parapet, and a rectangular T-shaped footprint. In 1969, after 45 years, the school closed. The building was repurposed for other children's services. That facility closed in the early 1990s, and the building fell into disuse, and suffered damage from vandalism and neglect. In 2004 the City of Fort Lauderdale acquired the site, and a multi-phase rehabilitation program began. The exterior historical improvements were completed in 2012. In 2015, **SRS** was awarded the responsibility for completing the interior and site improvements. Major improvements include enclosure of an existing breezeway and stair tower, adding an ADA compliant ramp, lighting, landscaping, irrigation, utilities work, sidewalks and walkways. Interior spaces on the first floor allow for a reception area; fitness, multipurpose, and arts and crafts rooms; and a warming kitchen. The second floor offers administrative offices for Parks and Recreation staff. Thirty-seven parking spaces will be added to the site, adjacent to Hardy Park, which features tennis courts, shuffleboard courts, lawn bowling club, and clubhouse.


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Synalovski Romanik Saye, LLC	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Architect
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION (City and State) Miramar Pineland Park (Miramar, FL)		22. YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION (if Applicable) 2013

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Broward County Parks and Rec.	b. POINT OF CONTACT NAME Sue Goldstein/ PM	c. POINT OF CONTACT TELEPHONE NUMBER 954.357.8060
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

At roughly 157 acres, Miramar Pineland is a unique combination of scrubby Flatwoods to the north and restored wetlands and associated prairie to the south. Its slash pine forest, in the northern half, is one of the largest intact resources of its kind in the county. The two distinct vegetative communities are separated by fairly deep ravines that were cut when the site was once popular with off-road-vehicle enthusiasts. It will be one of the most diverse sites in the Broward County Parks and Recreation Division: part regional park, part nature center, and part natural area. The public will be able to enjoy the Pineland Trail (approximately 3,700 feet of walkway that is a combination of concrete trail and elevated boardwalk with overlook); the Wetland Trail and Boardwalk (a trail combining concrete path and aluminum boardwalk that runs approximately 2,400 feet along and through the park's wetland mitigation project); a large covered playground; the Division's first interactive children's water-play Splash Pad; restroom facilities; three rental shelters; and an entrance gatehouse. In 2018, SRS started designing the Nature Center for the Park.


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Synalovski Romanik Saye, LLC	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Architect
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION (City and State) John Mullin Park – Lakeside Multipurpose Aquatic Center - Lauderhill, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION (if Applicable) 2011

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Lauderhill	b. POINT OF CONTACT NAME Mrs. Desorae Giles-Smith, Asst. City Manager	c. POINT OF CONTACT TELEPHONE NUMBER 954.730.3000
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

As a result of receiving a Broward County SWIM Central Grant, the City of Lauderhill reinvented its previous City Hall site by creating a community-based swim facility in the midst of a multifamily neighborhood. The site offers a newly landscaped corridor that signals a rebirth of the area. The swim complex includes a 25-meter competition pool, fun pool and "Fun-Brella," 18,000 SF pool deck, 4,000 SF community building, concession stand, and restrooms. The architectural vocabulary is that of the Caribbean islands and is intended to provide visitors with a "resort-like feel." The pool provides recreation as well swimming lessons and water safety training. Interiors and exterior were planned to include public art pieces that celebrate the aquatic nature of the facility.


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Synalovski Romanik Saye, LLC	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Architect
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8		
21. TITLE AND LOCATION (City and State) SW Pines Park - Pembroke Pines, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2007</td> <td>CONSTRUCTION (if Applicable) 2008</td> </tr> </table>	PROFESSIONAL SERVICES 2007	CONSTRUCTION (if Applicable) 2008
PROFESSIONAL SERVICES 2007	CONSTRUCTION (if Applicable) 2008			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER City of Pembroke Pines	b. POINT OF CONTACT NAME Mr. Steven Buckland, Asst. Director of Public Services	c. POINT OF CONTACT TELEPHONE NUMBER 954.518. 9107		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)				

SRS partnered with The Haskell Company for the design-build four-field soccer park on 56 acres for the City of Pembroke Pines. In addition to the soccer fields, the nature/wetland park encompasses a boardwalk, basketball and racquetball courts, modular restroom, and concession/ restroom building with adjoining restrooms. Construction Cost: \$15 million


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Synalovski Romanik Saye, LLC	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Architect
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 9
21. TITLE AND LOCATION (City and State) Sunrise Athletic Complex - Sunrise, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2007	CONSTRUCTION (if Applicable) 2008

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Sunrise	b. POINT OF CONTACT NAME Alan Gavazzi, AIA/ Asst. Dir. of Community Development	c. POINT OF CONTACT TELEPHONE NUMBER 954.572.2487
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The re-envisioned park added value to the community and increased the pride and leisure opportunities of residents. The 29-acre Sunrise Athletic Complex, initially developed in the 1970s, needed upgrades and renovation for degraded equipment and eroded site conditions. We provided an improvement plan for five baseball fields with dugouts and new scorer's towers, as well as improvements to lighted tennis courts, basketball court, two racquetball courts, and two soccer fields. Enhancements were added to the tot lot, playground equipment, restrooms, and a community building. The budget of \$883,600 included drainage upgrades, a new multipurpose football field, new pedestrian sidewalks and pathway lighting, grading improvements on the existing fields, replacement of two existing pedestrian bridges over a water body, and construction of new vehicular barriers and landscape improvements along the perimeter of the site.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Synalovski Romanik Saye, LLC	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Architect
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

. 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
		10
21. TITLE AND LOCATION (City and State) Weston Regional Park - Weston, FL		22. YEAR COMPLETED
		PROFESSIONAL SERVICES 2000
		CONSTRUCTION (if Applicable) 2002

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Weston	b. POINT OF CONTACT NAME Ms. Patricia Bates, MMC - City Clerk	c. POINT OF CONTACT TELEPHONE NUMBER 954.385.2000
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Weston Regional Park was conceived as a central recreation site for this family-oriented community located west of Fort Lauderdale and equidistant from Miami and Palm Beach counties. The county park consists of field facilities in multiples of eight, forecast to satisfy the demographics of the city and its anticipated population increase. The park amenities include: (1) Skate Park, (2) ADA Accessible Playgrounds, (8) baseball fields, (8) soccer fields, (3) hockey rinks, (8) basketball courts, (4) sand volleyball courts, (5) restroom/concession areas, (8000 Linear Feet) Exercise Trail, Sports Field Lighting, 1300 parking spaces, a camping ground, a park maintenance building, and the **SRS-designed Weston Community Center & West Broward YMCA**. Great care was taken in regard to low-maintenance landscaping and other environmental and aesthetic elements due to its proximity to the edge of the Everglades.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Synalovski Romanik Saye, LLC	Fort Lauderdale, FL	Architect
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

H. ADDITIONAL INFORMATION

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

I. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

31. SIGNATURE

32. DATE



July 24th, 2018

33. NAME AND TITLE

Manuel Synalovski, AIA, LEED AP, Managing Principal

ARCHITECT – ENGINEER QUALIFICATIONS1. SOLICITATION NUMBER (If any)
RFQ # RE -18-10**PART II – GENERAL QUALIFICATIONS***(If a firm has branch offices, complete for each specific branch office seeking work.)*


2a. FIRM (OR BRANCH OFFICE) NAME SYNALOVSKI ROMANIK SAYE, LLC			3. YEAR ESTABLISHED 2009	4. DUNS NUMBER 962303488
2b. STREET 1800 Eller Drive, Suite 500			5. OWNERSHIP	
2c. CITY Fort Lauderdale			a. TYPE LLC	
2d. STATE FL			b. SMALL BUSINESS STATUS Yes	
2e. ZIP CODE 33316			7. NAME OF FIRM (If block 2a is a branch office)	
6a. POINT OF CONTACT NAME AND TITLE Manuel Synalovski, AIA, LEED AP - Managing Principal				
6b. TELEPHONE NUMBER 954.961.6806		6c. E-MAIL ADDRESS msynalovski@synalovski.com		
8a. FORMER FIRM NAME(S) (If any) Manuel Synalovski Associates, LLC Manuel Synalovski, Inc. Manuel Synalovski Architects, Inc. Manuel Synalovski, AIA, NCARB			8b. YR. ESTABLISHED 2009 2006 1994 1986	8c. DUNS NUMBER 962303488

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 (1) FIRM (2) BRANCH		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
06	Architects / Interns	5		C10	Commercial Building; (low rise); Shopping	4
37	Interior Designers	2		F02	Field Houses, Gyms, Stadiums	2
02	Administrative	3		E02	Educational Facilities; Classrooms	5
				G01	Garages; Vehicle Maintenance Facilities; Parking	2
				O01	Office Building; Industrial Parks	3
				P13	Public Safety Facilities	4
				S11	Sustainable Design	2
				I05	Interior Design; Space Planning	2
				J01	Judicial and Courtroom Facilities	1
				L04	Libraries; Museums; Galleries	1
				R04	Recreational Facilities (Parks; Marinas; act.)	3
				S12	Swimming Pools	1
				H10	Hotels; Motels	2
				C11	Community Facilities	4
				D07	Dining Halls; Clubs; Restaurants	2
				A08	Animal Facilities	1
				A11	Auditoriums & Theatres	1
				C05	Child Care/Development Facilities	2
				C06	Churches; Chapels	2
				H11	Housing (Residential, Multifamily, Apartments,	2
	Other Employees	10				
	Total	20				

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE July 24th, 2018
c. NAME AND TITLE Manuel Synalovski, AIA, LEED AP, Managing Principal	

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

City of Pembroke Pines, Professional Service Providers

2. PUBLIC NOTICE DATE

06/26/2018

3. SOLICITATION OR PROJECT NUMBER

PSEN-18-02

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Jessica A. Josselyn, Associate Planner

5. NAME OF FIRM

Kittelston & Associates, Inc.

6. TELEPHONE NUMBER

954-828-1730

7. FAX NUMBER

954-770-6463

8. E-MAIL ADDRESS

jjosselyn@kittelston.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.			<input checked="" type="checkbox"/>	Kittleson & Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	200 SW 1st Avenue, Suite 1070 Fort Lauderdale, Florida 33301	PD&E
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 JOHN R. FREEMAN, JR., PE, PTOE	13. ROLE IN THIS CONTRACT Project Principal	14. YEARS EXPERIENCE a. TOTAL 45 b. WITH CURRENT FIRM 19	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Kittelson & Associates, Inc. (Orlando, Florida)			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> ME Civil Engineering, University of Virginia BS Civil Engineering, Virginia Military Institute		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer: FL, VA PTOE	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Institute of Transportation Engineers (ITE), Fellow; Institute of Transportation Engineers (ITE), Immediate Past President (2004); Institute of Transportation Engineers (ITE), International President (2003); Institute of Transportation Engineers (ITE), International Vice President (2002); ITE Task Force on Systems Management; Operations, Chair (2000-2001); Sherwood Hiller Distinguished Service Award: Awarded by the Florida Section of ITE (2000)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
City of Orlando Transportation Continuing Services Orlando, Florida	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Mr. Freeman has served as the Kittelson Project Manager for the City of Orlando Transportation Engineering Continuing Services contract. He has been actively engaged in the Kittelson efforts for multiple task orders to include:</p> <ul style="list-style-type: none"> ▪ Downtown Orlando ITS Master Plan – Mr. Freeman served as the Project Manager for developing the City of Orlando’s Downtown ITS Master Plan. This plan identified communications, software and hardware improvements in the downtown area. A phased implementation plan was prepared. Staffing requirements to operate and maintain the system once operational were identified. ▪ Downtown Orlando ITS Phase I and II Implementation - Mr. Freeman served as the Project Principal for the development of design-build documents for both the Phase I and II implementation of the City of Orlando Downtown ITS Master Plan. This includes the expansion of the fiber optic network, signal upgrades with Ethernet connections, new controllers and some new cabinets, and cameras. He is currently assisting the City with the review of the design documents. ▪ International Drive Transit Signal Priority (TSP) – Mr. Freeman served as Project Principal for the development and implementation of TSP along a section of International Drive for the ITS World Congress. He coordinated activities with LYNX to have the project designed and implemented in a three-week timeframe. He is currently assisting the City with modifying the TSP to be conditional priority. ▪ Southwest Orlando Transportation Infrastructure Plan – Mr. Freeman served as the Project Principal and quality control reviewer for the preparation of this plan that developed strategies for enhancing the City’s Growth Management Plan and land development code in the International Drive area. 		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
SR 50 and SR 40 PD&E’s Central Florida	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
<p>Mr. Freeman is currently serving as the Project Manager for the SR 50 PD&E Study. This project is to widen SR 50 from two to four lanes in Hernando, Sumter and Lake Counties. This 20-mile Emerging SIS corridor presents many engineering and environmental challenges. The corridor has a high crash rate and the high crash intersections are being changed to roundabouts. The corridor crosses the Withlacoochee State Forest in three locations and reducing impacts to these state-owned lands is a significant concern. Also, multiple aboriginal artifact findings have occurred in our</p>		

<p>surveys requiring additional SHPO coordination. The project also has final design scheduled to start in Summer 2018. We are currently starting preparations for a September 2018 Public Hearing and project completion by the end of 2018.</p> <p>Mr. Freeman served as the Project Manager for the SR 40 PD&E Study for the four to six-lane widening of SR 40 between Breakaway Trail and Williamson Boulevard in Volusia County. This two-mile section is on the FDOT Strategic Intermodal System (SIS), a hurricane evacuation route, and important freight corridor. It also has a local function serving numerous businesses and residences. Enhanced pedestrian and bicycle facilities have been incorporated into the preliminary engineering. Coordination with environmental agencies resulted in the existing Tomoka River Bridge sufficing as the wildlife crossing. The State Environmental Impact Report for this study was signed in November 2014.</p>		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> FDOT District Five Pedestrian Bicycle Strategic Safety Plan Central Florida	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES Complete	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Freeman is currently leading four pedestrian and bicycle safety studies for counties listed in the top 15 counties in the FDOT Pedestrian and Bicycle Strategic Safety Plan. In Orange County, Mr. Freeman led the analysis of pedestrian and bicycle crashes for seven miles of SR 436 to include two miles of field review in the highest crash areas. Using field review data, both site specific and corridor wide safety countermeasures have been developed. In Brevard County, Kittelson has determined five locations having the highest number of pedestrian and bicycle crashes combined with the highest number of fatalities and serious injuries. Kittelson has conducted safety reviews of each of these locations with Mr. Freeman leading three field reviews. Using this data, Kittelson is developing a systemic countermeasure matrix of common pedestrian and bicycle safety issues within Brevard County for application countywide. In Volusia and Flagler counties, Kittelson is conducting a pedestrian and bicycle safety study of SR A1A throughout the 50+ mile length in both counties. Following a comprehensive crash data analysis, KAI is investigating six high crash locations for safety improvements. Mr. Freeman has already lead two of these field reviews. In addition to identifying site specific safety countermeasures we will identify systemic corridor wide safety countermeasures. In Broward County, Kittelson has just initiated the countywide Bicycle and Pedestrian Safety Action Plan for the Broward MPO. Mr. Freeman will be the technical expert in conduct of this study.	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> FDOT Central Office Support Statewide Florida	(2) YEAR COMPLETED
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Kittelson regularly provides support to FDOT Central Office on research and training activities regarding current traffic operations, transit and safety issues statewide. We are currently conducting three task orders in which Mr. Freeman serves as the Project Manager and lead trainer. Recent and ongoing projects include: <ul style="list-style-type: none"> Kittelson updated the FDOT Manual of Uniform Traffic Studies (MUTS) to incorporate provisions of the Highway Safety Manual (HSM) and other updated documents. This document is in final review for adoption by the end of 2014. He developed a one-day training course regarding the changes in the MUTS and delivered the training statewide. All training was conducted in 2014. Mr. Freeman led a statewide Wrong Way Crash Study. This project involved a literature review of activities in other states, a detailed crash analysis, identification of locations for field review and conducting the field reviews of forty interchanges. Using this data, Kittelson developed a program for interchange improvements to enhance driver awareness of wrong way entry at interchange ramps. As a result, FDOT issued Roadway Design Bulletin 15-08 dated April 15, 2015 called <i>Signing and Pavement Marking Standards for Ramp Intersections</i>. Kittelson has assisted FDOT in developing Highway Safety Improvement Program (HSIP) guidelines for Districts and local governments to obtain HSIP funding to conduct safety projects. This guidance is in final review. Kittelson developed a new training course on Access Management for statewide training. This course was two days long with an extensive focus on safety plus multi-modal and land use integration in considering access 	

management on a corridor. In 2012, we conducted three courses at FDOT District offices and two more in 2013.

- Kittelson also conducted a task order to develop typical roadway and intersection engineering cross section drawings related to Bus Rapid Transit (BRT) for Florida roadways for potential reference or inclusion in the FDOT Plans Preparation Manual (PPM) and the Florida Greenbook. Mr. Freeman served as Project Principal and conducted a presentation of the cross-section drawings to the Florida Greenbook Committee.
 - Kittelson developed and conducted statewide training on the Highway Safety Manual (HSM). This two-day training course provided great detail on the predictive safety chapters of the manual and was conducted in all eight FDOT districts between April and July 2012. Mr. Freeman led the course development and was a lead instructor. He also led a one-day training course in the recent HSM Freeway and Interchange chapters. This course was conducted on three occasions.
 - Kittelson previously led an effort to update the FDOT Traffic Engineering Manual (TEM) regarding guidance for mid-block pedestrian crossings. This is provided in Section 3.8 of the TEM. In addition.
 - Kittelson assisted with a study of reduced speed school zones associated with signalized intersection crossings in the state highway system. This study is provided statewide uniformity in the application reduced speed school zones.
 - Kittelson assisted FDOT in developing an elder road user program (also known as “Safe Mobility for Life”) including the development of training materials for courses to present statewide. Mr. Freeman assisted with conducting this training on three occasions.
-

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME FABIAN DE LA ESPRIELLA, AICP		13. ROLE IN THIS CONTRACT Urban Planner/Urban Designer		14. YEARS EXPERIENCE	
				a. TOTAL 13	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION <i>(City and State)</i> Kittelson & Associates, Inc. (Fort Lauderdale, Florida)					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Art, Urban and Regional Planning, University of Florida 2005 Bachelor of Science, Architecture, Pontificia Universidad, 2002			17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> AICP – American Institute of Certified Planners		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> President's Award for the Downtown Orlando Venues Master Plan; 2008; Florida Redevelopment Association; FLASLA Award of Excellence for Biscayne Green; 2017; American Society of Landscape Architects Florida Chapter; IDA Award of Excellence for Biscayne Green, Public Space Category; 2017; International Downtown Association					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Orlando Safe Streets Academy Demonstration Project Orlando, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION <i>(If applicable)</i> N/A	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As a senior planner, Mr. De La Espriella assisted the City with implementing this demonstration project as a part of the City's Safe Streets Academy program. Mr. De La Espriella helped to develop a planning level traffic analysis, planning-level concept plans for community engagement, temporary traffic plans, and an implementation plan and coordination needs.		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> US 1 Corridor Study – South Miami-Dade County, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION <i>(If applicable)</i> N/A	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. De La Espriella is assisting FDOT with website development for this corridor study along US 1 from SW 152 St/Coral Reef Dr to I-95, in Miami-Dade County. For this large-scale project, it is important to engage the diverse community through each step of the planning process. This effort has incorporated unique in-person tools, such as pop up meetings at community events and transit centers, and innovative online tools using a project website and MetroQuest.		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Corrine Drive Corridor Concept Plan Orlando, Florida		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2012-2013	CONSTRUCTION <i>(If applicable)</i> N/A	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. De La Espriella has played a key role in several corridor projects that apply principles of context sensitive design, including Complete Streets, area-wide mobility plans, traffic calming plans and road diets. Mr. De La Espriella served as project coordinator and lead planner/urban designer in the development of a context sensitive concept plan for the Audubon Park neighborhood to address on-going land-use/transportation concerns with this corridor. Corrine Drive is a 5-lane collector roadway that hosts a combination of neighborhood residential and commercial uses. The vibrancy of the Audubon Park Main Street district and surrounding neighborhoods is being compromised by the over-designed roadway and lack of walkability. It is hoped that by refocusing the purpose of this street, transportation needs will be met comfortably for all street users regardless of their mode of travel. Accommodating all street users was the first step in calibrating the design of the street to its context. This concept plan elevated the conversation at the municipal and neighborhood level and triggered a series of efforts to determine the political will and feasibility of redesigning the street.		<input type="checkbox"/> Check if project performed with current firm		

(1) TITLE AND LOCATION <i>(City and State)</i> Detroit's East Side Neighborhood Visioning Detroit, Michigan	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="964 191 1240 254">PROFESSIONAL SERVICES 2009</td> <td data-bbox="1240 191 1546 254">CONSTRUCTION <i>(If applicable)</i> N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i> N/A
PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i> N/A			
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm c. Mr. De La Espriella frequently facilitates and develops engagement programs for government agencies, community members, public officials and staff, and industry professionals. The Community Foundation for South East Michigan underwrote a series of educational and interactive workshops with key interest groups in the community. The purposes of the workshops were to provide urban design direction for five different areas in Detroit's East Side and to provide capacity building/education for the people involved in the process. Ideas related to road diets, a redeveloped eastern market, urban agriculture within neighborhoods, station area planning along Woodward Avenue, and reconnecting the neighborhoods to the Detroit River were some of the ideas developed during these events. The common pattern for all of these efforts was to evolve the city to be greener and more connected which, in turn, would help the City become increasingly more socially, economically, and environmentally sustainable. Mr. De La Espriella served as project manager and urban designer for this effort.				
(1) TITLE AND LOCATION <i>(City and State)</i> Mapp Road Concept Development Martin County, Florida	(2) YEAR COMPLETED <table border="1"> <tr> <td data-bbox="964 699 1240 762">PROFESSIONAL SERVICES 2011</td> <td data-bbox="1240 699 1546 762">CONSTRUCTION <i>(If applicable)</i> N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> N/A
PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> N/A			
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm d. Mr. De La Espriella frequently plays a key role on projects focused on developing multi-modal context-sensitive solutions that support community goals, cater to the access and mobility needs of all users, and are financially and economically sound. Martin County CRA conducted an interactive workshop to develop a concept plan and design intent for Mapp Road. The objective was to develop a design to construct an engaging, comfortable, accessible, and business friendly street. The street was designed as a barrier free environment to provide enough flexibility for the street to also function as a plaza-like space for special events. Mr. De La Espriella served as project manager and lead urban designer for this effort.				

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME BRANDON KELLEY, PE	13. ROLE IN THIS CONTRACT Senior Engineer	14. YEARS EXPERIENCE a. TOTAL 11 b. WITH CURRENT FIRM 2	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Kittelson & Associates, Inc. (Orlando, Florida)			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> MS Civil Engineering, Ohio University Master of Business Administration, Kennesaw State University BS Civil Engineering Technology, Southern Polytechnic University		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer: OR	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

	(2) YEAR COMPLETED
(1) TITLE AND LOCATION <i>(City and State)</i> Florida Department of Transportation (FDOT) District Five - West SR 50 PD&E from US 301 to CR 33 Hernando, Sumter and Lake County, Florida	PROFESSIONAL SERVICES 2016-Ongoing
a. (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 ongoing project is studying the potential for both passing lanes and capacity improvements from the US 301 intersection to the SR 33 intersection in Mascotte, Florida. Mr. Kelley is responsible for all conceptual design for passing lane and capacity improvements along the corridor.	
(1) TITLE AND LOCATION <i>(City and State)</i> Hickory Street Melbourne, Florida	PROFESSIONAL SERVICES 2016-2017
b. (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 project consisted of redesigning Hickory Street as a 'Complete Street' and adding bicycle lanes, sidewalks, landscaping, lighting, and two roundabouts. Mr. Kelley was involved in all design facets of landscaping and signing and marking design.	
(1) TITLE AND LOCATION <i>(City and State)</i> FDOT District 1 - SR 64 at Rye Road Manatee County, Florida	PROFESSIONAL SERVICES 2016-2017
c. (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 project consists of adding a partial two lane roundabout at the existing intersection of SR 64 at Rye Road and White Eagle Blvd. Mr. Kelley is responsible for signing and marking design.	
(1) TITLE AND LOCATION <i>(City and State)</i> Cobb County Department of Transportation - Town Center/Noonday Creek Trail/KSU Pedestrian & Bike Connector Kennesaw, Georgia	PROFESSIONAL SERVICES 2014
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 This project provides complete design services for a new multi-use trail, sidewalk, and bicycle facility from Town Center Drive to the proposed Skip Spann Connector near Kennesaw State University (KSU). H&L developed and evaluated alternate routes to determine the optimal trail route. The scope of services includes developing multiple concepts with cost estimates, coordinating concepts with surrounding projects, performing environmental screening, coordinating with Kennesaw State University, evaluating utilities, and determining right-of-way. Mr. Kelley is responsible for the alignment design for all alternates. He provided typical design, pavement design, and utility coordination.	
e. (1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED

FDOT District 1 - SR 25 (US 27) Corridor Study Highlands County, Florida	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project consisted of a corridor study of US 27 between Tomoka Blvd and Lakeview Road in Lake Placid, Florida. Several alternatives were considered for intersections of concern through this section of roadway. Mr. Kelley was responsible for conceptual design of intersection improvements for St. John Street, Lake June Road, and S. Lakeview Road.		
(1) TITLE AND LOCATION (City and State) Columbus Consolidated Government - Cusseta Road, Brennan Road, and Fort Benning Road Roundabout Columbus, Georgia	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012-2014	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm f. This project is for complete design services for capacity improvement and realignment of Brennan Road and Cusseta Road to intersect Fort Benning Road at a single intersection point. Design services included analysis to prove a roundabout. The scope of services included concept study through final construction plans including survey database, environmental screening and permitting, public involvement, traffic analysis and signal design, urban drainage design, utility avoidance and relocation plans, erosion control plans, maintenance of traffic plans, and construction services. Mr. Kelley assisted in conceptual design, pedestrian design, and coordinated utility relocation and lighting.		
(1) TITLE AND LOCATION (City and State) Georgia Department of Transportation - South Tifton Bypass Tifton, Georgia	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 9. The scope included public involvement, environmental studies, and concept development. Alternate bypass routes were studied with various at-grade and grade-separated intersections as well as interchanges with I-75 and US 41. The project is a complete turnkey location study and development for a roadway improvement. Mr. Kelley was responsible for performing hydraulic analysis of New River at US 82.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT*(Complete one Section E for each key person.)*

12. NAME MICHAEL EAGLE, EI	13. ROLE IN THIS CONTRACT Engineering Associate	14. YEARS EXPERIENCE a. TOTAL 4 b. WITH CURRENT FIRM 4	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Kittelson & Associates, Inc. (Orlando, Florida)			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS Civil Engineering, University of Portland		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Engineer-in-Training: OR	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
ALT US 19 at Florida Avenue Roundabout Feasibility Study and Microsimulation Pinellas County, Florida	PROFESSIONAL SERVICES Complete/2015	CONSTRUCTION <i>(If applicable)</i> N/A
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eagle performed the roundabout feasibility study for the intersection of ALT US 19 and Florida Avenue in Pinellas County, Florida. He performed the operational and safety analyses for the intersection. Mr. Eagle also created the proposed roundabout in VISSIM and prepared 3-D video clips of the roundabout to allow for presentation to FDOT District Seven. The VISSIM included pedestrians and bicycles from a nearby trail and their interactions with the vehicles and heavy trucks at the proposed roundabout.		
(1) TITLE AND LOCATION <i>(City and State)</i> US 41 Roundabout Evaluation Sarasota, Florida	PROFESSIONAL SERVICES Complete/2015	CONSTRUCTION <i>(If applicable)</i> N/A
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eagle provided support to the Florida Department of Transportation (FDOT) District One in the review of operational analysis and VISSIM microsimulation along US 41 in Sarasota, Florida. Mr. Eagle performed analyses using VISSIM to evaluate the operational performance of the network with signalized and roundabout alternatives being evaluated at the intersections of US 41/Fruitville Road and US 41/Gulfstream Avenue. He modeled various roundabout scenarios including two-lane roundabouts, three-lane roundabouts, and metered roundabouts. He has also created models with various improved signalized configurations. He has calibrated these models and has knowledge of the data extraction methods used when collecting measures of effectiveness. Mr. Eagle prepared 3-D video clips of the various roundabouts scenarios to allow for presentation to stakeholders.		
(1) TITLE AND LOCATION <i>(City and State)</i> FDOT District One Growth Management Southwest Florida	PROFESSIONAL SERVICES Complete	CONSTRUCTION <i>(If applicable)</i> N/A
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eagle has conducted roundabout feasibility studies and congestion management studies throughout District One. He has completed roundabout feasibility studies that consider geometric constraints, potential safety benefits and operational performance. He has also evaluated corridors that received high scores on the Congestion Management Process (CMP) list and provided recommendations for future safety and operational studies at specific intersections along the corridor.		

d.	(1) TITLE AND LOCATION <i>(City and State)</i> US 92/International Speedway Boulevard (ISB) Roundabout Evaluation Daytona Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Complete/2015	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eagle provided support to FDOT District Five in the review of operational analysis and VISSIM microsimulation along US 92/International Speedway Boulevard in Daytona Beach, Florida. Mr. Eagle reviewed the VISSIM network, which consisted of three proposed roundabouts and several signalized intersections, and provided comments regarding the VISSIM coding, calibration, data extraction, and operational results.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> FDOT District Five Design Traffic Studies Central Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eagle has participated in design traffic studies for FDOT District Five. Mr. Eagle has participated in Efficient Transportation Decision Making (ETDM) Studies and Equivalent Single Axle Load (ESAL) Studies. He has collected field data for existing operations, signal timings, pedestrian accessibility, and existing transit stops. He has analyzed the existing and future network conditions and has performed historical and model growth rate analyses for a variety of facilities throughout District Five.		
f.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 436 Concept Development VISSIM Evaluation Central Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eagle conducted a VISSIM evaluation of SR 436 between US 17/92 and Wilshire Drive in Casselberry, Florida on behalf of FDOT District Five. The study corridor included a grade separated interchange, signalized intersections, and unsignalized directional median openings. As part of the SR 436 Concept Development study, lane shifts and additions were proposed along SR 436 to accommodate new pedestrian and bicycle facilities within the existing right-of-way. Mr. Eagle utilized VISSIM to evaluate the proposed alternative and any queuing impacts with adjacent signalized intersections and the nearby grade separated interchange. He also prepared 3-D video clips of the alternatives to allow for presentation to FDOT District Five for public involvement purposes.		
g.	(1) TITLE AND LOCATION <i>(City and State)</i> West SR 50 Corridor Planning Study Central Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eagle served as an analyst on a corridor planning study along SR 50, extending from US 301 to CR 33. The study limits extended over 20 miles and the existing two-lane roadway extends through Hernando, Sumter, and Lake Counties. Mr. Eagle provided support in developing Design Traffic volumes, performing existing and future operational analyses, and developed conceptual layouts of various alternatives. The alternatives included intersection improvements (realignment, turn lane additions, signalized configurations, and roundabout configurations), passing lanes, and a four-lane widening.		
h.	(1) TITLE AND LOCATION <i>(City and State)</i> Interstate 4 at Daryl Carter Parkway Interchange Analysis Central Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Eagle served as the lead analyst on the Interstate 4 (I-4) at Daryl Carter Parkway Interchange analysis. The I-4 Beyond the Ultimate (BtU) project includes a new interchange at Daryl Carter Parkway. This evaluation considered an interim interchange at Daryl Carter Parkway prior to the I-4 BtU project construction. Multiple interim diverging diamond interchange (DDI) and freeway configurations were analyzed using FREEVAL, which incorporates the freeway facilities methodology of the <i>Highway Capacity Manual</i> . He also analyzed the operations of the DDI interchange crossover intersections utilizing Synchro software.		

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 (<i>City and State</i>) City of Orlando Continuing Transportation Planning and Engineering Services (Orlando, Florida)		22. YEAR COMPLETED PROFESSIONAL SERVICES 2000-2018 CONSTRUCTION (<i>If applicable</i>) N/A	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Orlando	b. POINT OF CONTACT NAME Billy Hattaway, PE	c. POINT OF CONTACT TELEPHONE NUMBER 407.246.2221	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (<i>Include scope, size, and cost.</i>) <p>Kittelson has an on-call services contract with the City of Orlando to provide services on various transportation studies and projects. Since first being selected in 2000, Kittelson has received work orders that involved a variety of traffic engineering services. These have included site traffic impact analyses, intersection safety studies, signal warrant studies, signal designs, corridor signal retiming, pedestrian signal upgrades and identifying bicycle detection improvements. Kittelson provided a parking and transportation study for the City for the new soccer stadium downtown. As part of the study, Kittelson assessed the parking needs of the new soccer stadium and evaluated the transportation impacts associated with the closing of Parramore Avenue between Church Street and Central Boulevard. As part of this project, KAI worked closely with City staff across various departments and coordinated with project stakeholders. Kittelson has provided technical services related to the City's Neighborhood Traffic Management Program (NTMP).</p> <p>In this unique role, Kittelson staff served as an extension of City staff, working with the concerns of neighborhood associations to develop conceptual plans for the implementation of traffic calming devices. Kittelson also assisted the City with an evaluation of the access associated with the planned relocation of Fire Station No. 1 in downtown Orlando. This evaluation used a microscopic traffic simulation model developed with VISSIM software to reflect movements into and out of the fire station by fire trucks during peak period traffic demand and also included the integration of commuter rail operations and emergency preemption equipment. Kittelson assisted the City of Orlando on the review of proposed modifications by FDOT to the interchange area of South Street and I-4. Kittelson's role in this project included the review of recently conducted studies within and near the interchange area as well as the review of FDOT's VISSIM model which includes this interchange. The model review focused on the input data used and the resulting operations of vehicular traffic arriving at and departing from parking areas near the planned downtown venues as well as pedestrian flows between the parking areas and the venues.</p> <p>Kittelson assisted with the development and implementation of the Orlando ITS Master Plan for the downtown area. Since completion of the ITS master plan, Kittelson assisted the City with the implementation of the first phase of this plan including signal upgrades, CCTV cameras, VMS, and fiber optic network expansion. This work was completed in 2010. In 2011, Kittelson prepared the design build criteria package for the Phase II ITS implementation. This greatly expands the fiber optic network to include nearly 52 miles of City roadways plus traffic controller upgrades, additional cameras and the replacement of some cabinets. Kittelson assisted the City with design reviews of the design-build team's plans.</p> <p>Kittelson also served the City in the development and implementation of the initial transit signal priority (TSP) project within Orlando. Minor equipment investments were made to signal cabinets, which included the upgrade of traffic signal controllers with TSP capability, and LYNX buses on Link 8 were upgraded with Opticom equipment to communicate TSP requests to the signal cabinets along International Drive. Kittelson later worked with the City to modify the TSP system to have "conditional" priority, establishing a parameter for engaging TSP when Link 8 buses were 3 or more minutes behind schedule. Before and after bus travel time studies were conducted showing reduced bus travel times with TSP. Cost \$400,000</p>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Kittelson & Associates, Inc.	(2) FIRM LOCATION (<i>City and State</i>) Orlando, Florida	(3) ROLE Prime
b.	(1) FIRM NAME Metric Engineering, Inc.	(2) FIRM LOCATION (<i>City and State</i>) Lake Mary, Florida	(3) ROLE Subconsultant

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 <div style="font-size: 24pt; margin-top: 10px;">2</div>		
21. TITLE AND LOCATION (City and State) Seminole County Continuing Miscellaneous Capacity and Safety Improvement Evaluation Services (Seminole County, Florida)	22. YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="border: none; text-align: center; width: 50%;"> PROFESSIONAL SERVICES Ongoing </td> <td style="border: none; text-align: center; width: 50%;"> CONSTRUCTION (If applicable) N/A </td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER Seminole County	b. POINT OF CONTACT NAME Anthony Nelson, PE, CFM	c. POINT OF CONTACT TELEPHONE NUMBER 407.665.5763		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost.) <p>Seminole County has utilized Kittelson staff for a variety of traffic engineering projects since 2008. Kittelson regularly performs benefit- cost analyses to identify anticipated travel time and safety improvement benefits relative to the expected project costs. Seminole County uses these studies to prioritize its capital improvement investments as part of its one cent sales tax program. Kittelson has performed before and after studies to evaluate the effectiveness of the final built intersection or roadway improvement.</p> <p>Kittelson evaluated before and during construction travel time conditions using Bluetooth™ data collection technology to identify potential impacts of construction activity on roadway travel times to help in reviewing liquidated damages assigned to construction projects. In 2011, Kittelson completed a countywide sidewalk needs inventory that used GIS to map existing and missing sidewalk segments within the vicinity of each school location. A prioritization scheme was then developed for the County to rank sidewalk projects for construction as funds are available.</p> <p>Kittelson conducted corridor safety studies along SR 434, SR 46, CR 419, and Dike Road in Seminole County. These studies implemented the crash prediction methods of the Highway Safety Manual (HSM) and considered the utilization of crash countermeasures with known crash reduction factors to improve safety on the corridors. Each study involved the team's thorough review of the crash history and a field evaluation of the roadway segments and intersections that make up the corridor. Kittelson identified and prioritized crash countermeasures based on the relative cost of the improvement and the known benefit to the expected number of crashes. The recommendations of these studies are being used by Seminole County and FDOT to prioritize and construct crash countermeasures on the study corridors.</p> <p>Kittelson conducted intersection and corridor operations studies at several locations throughout the County to diagnose and propose solutions for some of the County's most complex traffic issues. These studies include locations such as the SR 434 at CR 427 intersection, Wekiva Springs Road, Lake Mary Boulevard, CR 419 at Lockwood Boulevard intersection, and Sand Lake Road near Lake Brantley High School.</p> <p>Kittelson provides design review services for proposed roundabouts in Seminole County. In 2015, Kittelson reviewed five proposed roundabout designs along the Wekiva Parkway and provided feedback to FDOT's design team regarding fastest paths, heavy vehicle design, intersection sight distance restrictions, modifications to circulatory roadway grade changes, signing, and pavement markings.</p> <p>Kittelson also recently supported the County in an evaluation of its impact fee policy and assessed the feasibility of transitioning to a mobility fee structure to continue to support transportation investments through a financially sustainable program. Total Cost: \$851,000</p>				
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
a.	(1) FIRM NAME Kittelson & Associates, Inc.	(2) FIRM LOCATION (City and State) Orlando, Florida	(3) ROLE Prime	
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	

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 (City and State) Florida Department of Transportation Complete Streets Handbook (Statewide Florida)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016-2017	CONSTRUCTION (If applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER FDOT Central Office	b. POINT OF CONTACT NAME DeWayne Carver	c. POINT OF CONTACT TELEPHONE NUMBER 850.414.4322

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

In 2014, FDOT adopted a policy that calls for planning, designing, constructing, and operating a context sensitive system of Complete Streets that serve users of all ages and abilities. Not all Complete Streets are the same and every Complete Street is uniquely planned and designed to serve the context of that roadway. However, FDOT's previous versions of design manuals limited the ability of planners and engineers to fully embrace and implement Complete Streets. Existing manuals focused on design standards for roadways with 45MPH or higher design speeds and constrained innovation and flexibility needed to tailor solutions that address diverse contexts, needs, and places served by Florida's state roadways.

To support FDOT's Complete Streets policy, Kittelson created a Context Classification system as way of describing various land use patterns throughout the state. The Context Classification system helps emphasize the need to support all users within a complete network of streets, and according to each street's existing and desired future context and transportation characteristics. Each Complete Street will strike a different balance of user comfort, based on existing and desired future contexts. The [Context Classification system](#) is now adopted as part of FDOT policy. Criteria and standards in the newly released FDOT Design Manual reference roadway context classifications, requiring designers and planners to fully consider a roadway's context and users as they develop solutions. Simply put, FDOT's context classification would allow the FDOT *to put the right street in the right place*. With context classification, FDOT has rewritten the rules so that Complete Streets can be applied holistically statewide, and not just a single roadway at a time and on select individual projects.

Kittelson is continuing to support Districts 1, 5, 6, and 7 in conducting training and workshops, developing and reviewing districtwide provisional context classification mapping, and supporting district staff as context classification is applied on FDOT projects. Cost \$666,546

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Kittelson & Associates, Inc.	(2) FIRM LOCATION (City and State) Orlando, Florida	(3) ROLE Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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 <div style="font-size: 24pt; font-weight: bold;">4</div>		
21. TITLE AND LOCATION (City and State) West SR 50 Project Development & Environment Study (Hernando / Sumter / Lake Counties, FL)		22. YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="border: none; text-align: center; padding: 5px;"> PROFESSIONAL SERVICES Ongoing </td> <td style="border: none; text-align: center; padding: 5px;"> CONSTRUCTION (If applicable) N/A </td> </tr> </table>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER Florida Department of Transportation – District 5	b. POINT OF CONTACT NAME Ms. Lorena Cucek	c. POINT OF CONTACT TELEPHONE NUMBER 386-943-5392		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost.) Kittelson & Associates, Inc. is studying the potential for both passing lanes and capacity improvements for State Road (SR) 50 from US 301 in Hernando County to County Road 33 (CR 33) in Lake County, Florida, a distance of approximately 20 miles. In the existing condition, SR 50, east of CR 33 in Lake County is a four-lane divided roadway; west of US 301 in Hernando County, final design for widening from two to four lanes is underway. KAI will also consider the no-build option and near-term improvements identified in the previously conducted corridor planning study, which identified needs related to safety and future traffic operations. Initial alternatives for widening from two-to-four lanes and passing lanes have been identified as improvement alternatives to be considered in this PD&E Study. The objective of this project is to evaluate the need for capacity-related improvements, as well as to address safety issues along the corridor. This project is part of a greater effort to address existing and future congestion and delay, improve safety and traffic flow, and allow the SR 50 corridor to operate at an improved level of service for all users. In urban areas, bicycle and pedestrian, multi-modal and complete street elements will also be considered and evaluated. This study will be conducted as a State Environmental Impact Report (SEIR).				
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT				
a.	(1) FIRM NAME Kittelson & Associates, Inc.	(2) FIRM LOCATION (City and State) Orlando, Florida	(3) ROLE Prime	
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE	

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

Kittelson & Associates, Inc. (KAI) provides comprehensive transportation engineering, planning, and research services to government and private organizations. Founded in 1985, KAI now has 24 offices across the U.S., as well as several staff members in independent locations. Our skilled professionals and national experts produce progressive research, technological innovation, and industry-leading work. We recognize that healthy, sustainable societies depend on efficient, active, and safe multimodal transportation that is cost-effective to manage, operate, enhance, and use over time. At KAI, our goal is to systematically develop and apply methods that improve the performance of pedestrian, bicycle, highway, signal, and transit systems. KAI has the expertise to take a project from planning through to implementation or complete any phase in between. Our scope of services includes:

Planning:

- Producing long-range, multimodal transportation systems plans at a regional, corridor, and subarea level.
- Developing transportation policies dealing with issues such as growth management, access management, transit, parking, and transportation financing.
- Performing transportation analyses for environmental impact studies.
- Assessing transit-oriented development patterns.

Operations:

- Developing and implementing traffic engineering solutions to systematically improve the quality and safety of traffic flow within urban, suburban, and rural transportation systems.
- Conducting site-specific traffic engineering and impact studies.
- Generating traffic signal timing for arterials and networks.
- Analyzing advanced traffic control systems.
- Performing transit operations analyses, including evaluating bus and rail operations.

Design:

- Providing design services for traffic operational improvements including preparing plans and specifications for traffic signal installations; street lighting, signing, pavement marking; and channelization improvements.
- Preparing temporary protection and traffic control during construction.
- Developing and evaluating scaled design alternatives for collectors, arterials, freeway systems, and interchanges while accounting for geometric, operational, and performance-related issues.

Research:

- Conducting applied research under contracts to federal, state, and local agencies including the Federal Highway Administration and the Transportation Research Board's Cooperative Research Programs.
- Teaching short courses on topics such as highway capacity and roundabout design for state, local, and consulting agencies.

Safety:

- Developing community safety action plans to identify emphasis areas and engineering, education, and enforcement strategies to reduce crashes and risk of crashes on the street network.
- Evaluating crash data and a diverse set of street network characteristics to identify crash patterns and risk factors associated with crashes.
- Applying national resources such as the Highway Safety Manual to develop prioritization methodologies and tools (e.g., GIS-based tools) to identify high priority locations for safety projects.
- Developing cost effective countermeasures both systemic network-wide measures and location specific countermeasures; including benefit/cost evaluations of the countermeasures using crash prediction methods in the Highway Safety Manual.

Parking and Circulation Studies:

- Studying impacts to parking and traffic circulation at airports and evaluating operational, capacity, and implementation strategies
- Analyzing employee and customer parking demands, evaluating parking management practices (including pricing), and preparing transportation demand management programs
- Conducting site access and circulation studies to resolve existing issues and provide for site expansions and/or increased levels of activity

I. AUTHORIZED REPRESENTATIVE**The foregoing is a statement of facts.****31. SIGNATURE**

32. DATE

July 24, 2018

33. NAME AND TITLE

Jessica Josselyn Associate Planner

TAB 3 - CERTIFIED MINORITY BUSINESS ENTERPRISE



Certified Minority Business Enterprise

Calvin, Giordano & Associates, Inc. (CGA) does not hold MBE status; however, CGA strives to utilize minority and women-owned business participation within each of our projects, regardless of the requirements outlined under the contract. Due to this commitment, CGA maintains strong relationships with a wide variety of DBE professional services firm such as geotechnical engineering, traffic engineering, surveying, subsurface utility engineering, structural engineering, and public relations firms.

CGA takes great care in selecting our teaming partners; accordingly, the City of Pembroke Pines can be confident that the team chosen for this project are not only the highest quality firms in the industry, but is a team that has a strong history of working together; not a randomly selected firm used to fill a requirement.

For this project, CGA has identified the following MBE firm to support the project deliverables. A copy of their certifications are included at the end of this section.

FIRM	DISCIPLINE	STATUS
Lakdas/Yohalem Engineering Inc.	Structural Engineering	MBE
Hillers Electrical Engineering, Inc.	Electrical Engineering	MBE
Synolovski, Romanik, Saye, LLC	Architectural Services	MBE



TAB 4 - OTHER COMPLETED DOCUMENTS

**TAB 4 - OTHER COMPLETED DOCUMENTS****COMPLETED AND CAN BE FOUND ON THE FOLLOWING PAGES:**

Attachment B - Vendor Information Form and a W-9

Attachment H - Vendor Drug-Free Workplace Certification Form

Attachment I - Proposers Qualification Statement

Attachment J - Sample Insurance Certificate

COMPLETED ONLINE THROUGH BIDSUNC:

Attachment C - Non-Collusive Affidavit

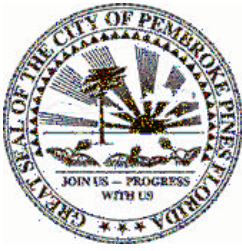
Attachment D - Sworn Statement of Public Entity Crimes

Attachment E - Contact Information Form

Attachment F - Professional Services Form

Attachment G - Equal Benefits Certification Form

Attachment L - Scrutinized Company Certification



(OFFICE USE ONLY) Vendor number:

Please entirely complete this vendor information form along with the IRS Form W-9, and email to accountspayable@ppines.com

City of Pembroke Pines
Finance Department
601 City Center Way
Pembroke Pines, FL 33025

Vendor Information Form

Operating Name (Payee)	Calvin, Giordano & Associates, Inc.		
Legal Name (as filed with IRS)	Calvin, Giordano & Associates, Inc.		
Remit-to Address (For Payments)	1800 Eller Drive, Suite 600		
	Fort Lauderdale, Florida 33316		
Remit-to Contact Name:	David Stambaugh, PE	Title:	Contract Manager
Email Address:	dstambaugh@cgasolutions.com		
Phone #:	954-921-7781	Fax #	954-921-8807
Order-from Address (For purchase orders)	1800 Eller Drive Suite 600, Fort Lauderdale, Florida 33316		
Order-from Contact Name:	David Stambaugh, PE	Title:	Contract Manager
Email Address:	dstambaugh@cgasolutions.com		
Phone #:	954-921-7781	Fax #	954-921-8807
Return-to Address (For product returns)	1800 Eller Drive Suite 600, Fort Lauderdale, Florida 33316		
Return-to Contact Name	David Stambaugh, PE	Title:	Contract Manager
Email Address:	dstambaugh@cgasolutions.com		
Phone #:	954-921-7781	Fax #	954-921-8807
Payment Terms:	1800 Eller Drive Suite 600, Fort Lauderdale, Florida 33316		

Type of Business (please check one and provide Federal Tax identification or social security Number)

☒ Corporation

Federal ID Number:

65-0013869

☐ Sole Proprietorship/Individual

Social Security No.:

☐ Partnership

☐ Health Care Service Provider

☐ LLC – C (C corporation) – S (S corporation) – P (partnership)

☐ Other (Specify):

Name & Title of Applicant Dennis Giordano, President

Signature of Applicant  **Date** 7/18/2018

Form W-9
(Rev. November 2017)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

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

► Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. CALVIN, GIORDANO & ASSOCIATES, INC.	
2 Business name/disregarded entity name, if different from above	
3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ► _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>
5 Address (number, street, and apt. or suite no.) See instructions. 1800 ELLER DRIVE, STE 600	Requester's name and address (optional)
6 City, state, and ZIP code FORT LAUDERDALE, FL 33316	
7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

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

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number									
or									
Employer identification number									
6	5	-	0	0	1	3	8	6	9

Part II Certification

Under penalties of perjury, I certify that:

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

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

Sign Here	Signature of U.S. person ►	Date ► <u>1/3/18</u>
------------------	----------------------------	----------------------

General Instructions

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

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

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

- Form 1099-INT (interest earned or paid)

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

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

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



VENDOR DRUG-FREE WORKPLACE CERTIFICATION FORM

SECTION 1 GENERAL TERM

Preference may be given to vendors submitting a certification with their bid/proposal certifying they have a drug-free workplace in accordance with Section 287.087, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991. The special condition is as follows:

IDENTICAL TIE BIDS - Preference may be given to businesses with drug-free workplace programs. Whenever two or more bids that are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drugfree workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

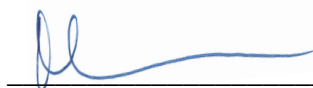
1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after each conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

SECTION 2 AFFIRMATION

☒ Place a check mark here only if affirming bidder **complies fully** with the above requirements for a Drug-Free Workplace.

☐ Place a check mark here only if affirming bidder **does not** meet the requirements for a Drug-Free Workplace.

Failure to complete this certification at this time (by checking either of the boxes above) shall render the vendor ineligible for Drug-Free Workplace Preference. This form must be completed by/for the proposer; the proposer WILL NOT qualify for Drug-Free Workplace Preference based on their sub-contractors' qualifications.


Authorized Signature

Dennis Giordano, President
Authorized Signer Name

Calvin, Giordano & Associates, Inc.
Company Name



PROPOSER'S QUALIFICATIONS STATEMENT

PROPOSER shall furnish the following information. Failure to comply with this requirement will render Bid non-responsive and shall cause its rejection. Additional sheets shall be attached as required.

PROPOSER'S Name and Principal Address:

Calvin, Giordano & Associates, Inc.

1800 Eller Drive, Suite 600, Fort Lauderdale, FL 33316

Contact Person's Name and Title: David Stambaugh

Contact Person's E-mail Address: DStambaugh@cgasolutions.com

PROPOSER'S Telephone and Fax Number: 954.921.7781

PROPOSER'S License Number: M17373

(Please attach certificate of status, competency, and/or state registration.)

PROPOSER'S Federal Identification Number: 65-0013869

Number of years your organization has been in business 80

State the number of years your firm has been in business under your present business name 20

State the number of years your firm has been in business in the work specific to this solicitation:
80

Names and titles of all officers, partners or individuals doing business under trade name:

Dennis J. Giordano, President

Shelley Eichner, AICP, Senior Vice President

Chris Giordano, MSC, CCM, Vice President

Curt Keyser, PE, Vice President

Tammy Cook-Weeden, ASLA, RLA, Vice President

Dawn Hopkins, Secretary

Steve Watts, PSM, Vice President

The business is a: Sole Proprietorship ☐ Partnership ☐ Corporation ☒

IF USING A FICTITIOUS NAME, SUBMIT EVIDENCE OF COMPLIANCE WITH FLORIDA FICTITIOUS NAME STATUTE. (ATTACH IN PROPOSER EXHIBIT SECTION)



Under what former name has your business operated? Include a description of the business. Failure to include such information shall be deemed to be intentional misrepresentation by the City and shall render the proposer RFP submittals non-responsive.

M.E. Berry & Associates (1937), Berry & Calvin, Inc (1985)

At what address was that business located?

1800 Eller Drive, Suite 600, Fort Lauderdale, FL 33316

Name, address, and telephone number of surety company and agent who will provide the required bonds on this contract:

Not Applicable

Have you ever failed to complete work awarded to you. If so, when, where and why?

No

Have you personally inspected the proposed WORK and do you have a complete plan for its performance?

Yes



Will you subcontract any part of this WORK? If so, give details including a list of each subcontractor(s) that will perform work in excess of ten percent (10%) of the contract amount and the work that will be performed by each subcontractor(s).

Hillers Electrical Engineering (HEE) - Electrical Engineering; Connect Consulting Inc. (CCI) - Hydrogeologic Engineering; Nutting Engineers of Florida, Inc. - Geotechnical Engineering; Lakdas-Yohalem Engineering - Structural Engineering; Synalovski, Romanik, Saye, LLC - Architectural Services; Kittelson & Associates, Inc. - PD&E

The foregoing list of subcontractor(s) may not be amended after award of the contract without the prior written approval of the Contract Administrator, whose approval shall not be reasonably withheld.

List and describe all bankruptcy petitions (voluntary or involuntary) which have been filed by or against the Proposer, its parent or subsidiaries or predecessor organizations during the past five (5) years. Include in the description the disposition of each such petition.

None

List and describe all successful Bond claims made to your surety (ies) during the last five (5) years. The list and descriptions should include claims against the bond of the Proposer and its predecessor organization(s).

Not Applicable

List all claims, arbitrations, administrative hearings and lawsuits brought by or against the Proposer or its predecessor organizations(s) during the last (10) years. The list shall include all case names; case, arbitration or hearing identification numbers; the name of the project over which the dispute arose; and a description of the subject matter of the dispute.

Please see attached document, Exhibit A



List and describe all criminal proceedings or hearings concerning business related offenses in which the Proposer, its principals or officers or predecessor organization(s) were defendants.

Please see attached document, Exhibit A.

Has the Proposer, its principals, officers or predecessor organization(s) been CONVICTED OF A Public Entity Crime, debarred or suspended from bidding by any government entity? If so, provide details.

None

Are you an ☒ Original provider ☐ sales representative ☐ distributor, ☐ broker, ☐ manufacturer ☐ other, of the commodities/services proposed upon? If other than the original provider, explain below.

Have you ever been debarred or suspended from doing business with any governmental agency? If yes, please explain:

No



Describe the firm's local experience/nature of service with contracts of similar size and complexity, in the previous three (3) years:

Please refer to attached document, Exhibit B

The PROPOSER acknowledges and understands that the information contained in response to this Qualification Statement shall be relied upon by CITY in awarding the contract and such information is warranted by PROPOSER to be true. The discovery of any omission or misstatement that materially affects the PROPOSER'S qualifications to perform under the contract shall cause the CITY to reject the Bid, and if after the award, to cancel and terminate the award and/or contract.

Calvin, Giordano & Associates, Inc.

(Company Name)

Dennis Giordano, President

(Printed Name/Signature)

A handwritten signature in blue ink, appearing to read "Dennis Giordano", written over a horizontal line.



EXHIBIT A

LITIGATION STATEMENT

Customer satisfaction is CGA's primary objective for every project undertaken by the firm. As such, CGA endeavors to complete each project on time and within budget. CGA is proud to assert that CGA has not failed to provide products, perform services, or furnished goods for which we have been contracted.

1. Armando E. Silva, and Robin Silva, both individually and as natural parents and next friends of Spencer Silva and Heather Silva, minors, v. South Broward Hospital district, d/b/a Memorial Regional Hospital, Hardrives of Delray, Inc., d/b/a Hardrives, Inc., a Florida Profit Corporation, Calvin, Giordano & Associates, Inc., a Florida Profit Corporation, and ANF Group, Inc., a Florida Profit Corporation, filed suit on October 25, 2013 in the Broward County Circuit Court. NO. CACE13023917. A lawsuit for compensation was brought against Calvin, Giordano & Associates (CGA) by Armando Silva as a result of a motor cycle accident on a road designed by CGA. This case was settled.
2. Kevin Young vs. Calvin, Giordano, & Associates, Inc., Case NO: 0:13-cv-61870-Scola/Otazo-Reyes, filed in United States District Court for the Southern District of Florida, Fort Lauderdale Division. ADA lawsuit. The parties have dismissed this case with prejudice in accordance with Federal Rule of Civil Procedure 41(a)(1)(A)(ii). Dismissal with prejudice, ECF No. 66) on December 19, 2014.
3. Hummer v. CTS1, Inc., Russell Engineering, Inc., Calvin Giordano & Associates, Inc, and AE Engineering, Inc. CACE 16-008549. This lawsuit relates to an alleged bicycle accident that occurred within the boundaries of the construction project known as the A1A washout project along A1A in Fort Lauderdale, Florida [Broward County]. The nature of the project related to widening sidewalks, reducing traffic lanes, adding traffic signals, and adding a seawall along A1A Sunrise Boulevard North to NE 18th Street.



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

EXHIBIT A



SAFELLC-01

LNORTZ

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
05/07/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER RBN Insurance Services 303 E Wacker Dr. Suite 650 Chicago, IL 60601	CONTACT NAME: PHONE (A/C, No, Ext): (312) 856-9400 FAX (A/C, No): (312) 856-9425 E-MAIL ADDRESS: <table border="1"> <tr> <th data-bbox="812 630 1331 651">INSURER(S) AFFORDING COVERAGE</th> <th data-bbox="1331 630 1451 651">NAIC #</th> </tr> <tr> <td data-bbox="812 651 1331 672">INSURER A : Hartford Acc. & Indemnity Co.</td> <td data-bbox="1331 651 1451 672">22357</td> </tr> <tr> <td data-bbox="812 672 1331 693">INSURER B : Hartford Fire Insurance Co.</td> <td data-bbox="1331 672 1451 693">19682</td> </tr> <tr> <td data-bbox="812 693 1331 714">INSURER C : Navigators Insurance Company</td> <td data-bbox="1331 693 1451 714">42307</td> </tr> <tr> <td data-bbox="812 714 1331 735">INSURER D : Twin City Fire Insurance Co.</td> <td data-bbox="1331 714 1451 735">29459</td> </tr> <tr> <td data-bbox="812 735 1331 756">INSURER E : Great American E&S Ins. Co.</td> <td data-bbox="1331 735 1451 756">37532</td> </tr> <tr> <td data-bbox="812 756 1331 777">INSURER F :</td> <td data-bbox="1331 756 1451 777"></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Hartford Acc. & Indemnity Co.	22357	INSURER B : Hartford Fire Insurance Co.	19682	INSURER C : Navigators Insurance Company	42307	INSURER D : Twin City Fire Insurance Co.	29459	INSURER E : Great American E&S Ins. Co.	37532	INSURER F :	
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INSURER E : Great American E&S Ins. Co.	37532														
INSURER F :															
INSURED Calvin, Giordano & Associates, Inc. 1800 Eller Drive Suite 600 Fort Lauderdale, FL 33316															

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

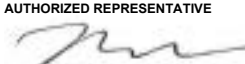
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS																					
A	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		83UENZV3951	10/03/2017	10/03/2018	<table border="1"> <tr><td>EACH OCCURRENCE</td><td>\$</td><td>1,000,000</td></tr> <tr><td>DAMAGE TO RENTED PREMISES (Ea occurrence)</td><td>\$</td><td>300,000</td></tr> <tr><td>MED EXP (Any one person)</td><td>\$</td><td>10,000</td></tr> <tr><td>PERSONAL & ADV INJURY</td><td>\$</td><td>1,000,000</td></tr> <tr><td>GENERAL AGGREGATE</td><td>\$</td><td>2,000,000</td></tr> <tr><td>PRODUCTS - COMP/OP AGG</td><td>\$</td><td>2,000,000</td></tr> <tr><td></td><td>\$</td><td></td></tr> </table>	EACH OCCURRENCE	\$	1,000,000	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	300,000	MED EXP (Any one person)	\$	10,000	PERSONAL & ADV INJURY	\$	1,000,000	GENERAL AGGREGATE	\$	2,000,000	PRODUCTS - COMP/OP AGG	\$	2,000,000		\$	
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D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / N If yes, describe under DESCRIPTION OF OPERATIONS below	N / A	83WECE0623	05/12/2018	05/12/2019	<table border="1"> <tr><td><input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER</td><td></td><td></td></tr> <tr><td>E.L. EACH ACCIDENT</td><td>\$</td><td>1,000,000</td></tr> <tr><td>E.L. DISEASE - EA EMPLOYEE</td><td>\$</td><td>1,000,000</td></tr> <tr><td>E.L. DISEASE - POLICY LIMIT</td><td>\$</td><td>1,000,000</td></tr> </table>	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER			E.L. EACH ACCIDENT	\$	1,000,000	E.L. DISEASE - EA EMPLOYEE	\$	1,000,000	E.L. DISEASE - POLICY LIMIT	\$	1,000,000									
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Each Claim/Aggregate		5,000,000																									

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
For bid purposes only

CERTIFICATE HOLDER

CANCELLATION

Calvin, Giordano & Associates, Inc. 1800 Eller Drive #600 Fort Lauderdale, FL 33316	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
--	---

ACORD 25 (2016/03)

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EXHIBIT B

LOCAL EXPERIENCE IN THE PAST 3 YEARS

Calvin, Giordano & Associates, Inc. (CGA) is a multidisciplinary firm that began as a small two person surveying firm in Florida over 80 years ago. We have grown to over 300+ employees, adding new services and expanding geographically with offices in Fort Lauderdale, Miami, West Palm Beach, Port St. Lucie, Clearwater, and Estero, Florida.

From the beginning, much of our reputation was built on repeat business with clients from the 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 hand-picked teams of highly experienced professionals.

The firm's municipal experience in South Florida is considerable and noteworthy. We currently serve as consultants to many municipalities including, among others, Pembroke Pines, Miramar, Cooper City, Davie, Dania Beach, Hollywood, North Lauderdale, Oakland Park, Weston, Bal Harbour, Bay Harbor Islands, Medley, Miami Beach, North Miami Beach, North Bay Village, Palmetto Bay, Sunny Isles Beach, Surfside, Wellington, Weston, West Palm Beach, Riviera Beach, Lake Park, Lantana, Islamorada, and Marathon.

CONTRACTS OF SIMILAR SIZE AND COMPLEXITY

Based on a review of the City of Pembroke Pines' Capital Improvement Program Capital Costs by Project Category for fiscal year 2017-18 to fiscal year 2021-22, it is apparent that Water (32.6%), Sewer (26.0%) and Transportation (5.6%), play important roles in the City's plans for future projects incorporated as part of this Request for Qualifications. These categories highlight the importance of the civil/utility components for the implementation of the City's five year program. The following describes CGA's local experience with contracts of similar size and complexity.

UTILITIES (Water Main) – NE 57th Street WM Replacement

CGA designed 1,850 linear feet of new water main on a City of Fort Lauderdale residential street to replace an existing system in which water quality and the age of existing infrastructure was a concern. This looped system design consisted of 8" and 6" pipe that included



new fire hydrants and valves. New polyethylene services were installed and pavement resurfacing was performed. The scope of work included design plans, permitting, construction inspection services, engineering during construction, addressing Contractor RFI's, reviewing record drawings, and final project certification.

UTILITIES (Pump Station) – Sewer Pump Station B-10 Rehabilitation

The City of Fort Lauderdale hired CGA to provide design, permitting, and construction services for sewer pump station B-10, which is located within the Imperial Point residential neighborhood and consists of a wet well and a dry station. The dry station has three levels underground housing pumps, motors, and other mechanical equipment. It is a triplex station with three separately sized pumps and motors that were designed to operate based on system demand. The





existing pumps had reached the end of their service life and the largest pump was completely inoperable. Additionally, the wet well leaked into the dry station around the suction pipes. Since the station is accessed from a median on a residential road, coordination and public outreach with the neighborhood played a major role to address potential concerns such as maintenance of traffic, landscape design, and noise abatement. Space constraints on the bottom floor of the dry station also proved to be a challenge with selecting new pumps. The project tasks included installing data loggers to monitor force main pressures, analyzing existing flows, performing hydraulic calculations to select three equal size pumps in conformance with Ten States Standards, design of new electrical panels, replacement of the existing ventilation system, new lighting design, permitting, preparation of bid documents, and bidding assistance. CGA is currently providing construction services that include attending construction progress meetings, reviewing and addressing any Contractor RFI's or change orders, performing routine inspections, reviewing shop drawings and record documents, and certifying the project.

DRAINAGE – Flamingo Gardens Drainage Study and Drainage Improvements

CGA was tasked by the City of Cooper City with analyzing and preparing construction documents to eliminate neighborhood flooding. Neighborhoods known as Natalie's Cove, Flamingo Lakes Townhomes, Heftler's Flamingo Villas, and Flamingo Villas developments have experienced street flooding in the recent years. These neighborhoods are served by an existing master surface water management system known as Flamingo Gardens. The Flamingo Gardens drainage basin contains some 135 acres and includes the above neighborhoods as well as Countryside Shops and Cooper City Commerce Center.



CGA performed a drainage study for the subject site to determine the cause of street flooding and to evaluate potential drainage improvements for the neighborhood area. The drainage study included review of existing permit files, as-built surveys, and previous drainage calculations and models, as well as field verification of existing facilities. Based on preliminary findings, CGA developed a comprehensive stormwater model for the master drainage system. The model was calibrated against known flood reports. After identifying the cause of flooding, CGA recommended existing lake expansion and upsizing the major conveyance systems to meet the expected level of service criteria.

Cooper City retained CGA to design the improvements and provide Construction Documents for the proposed drainage improvements and all required permits were obtained from SFWMD, SBDD, and BCTED. Project is currently under construction and is anticipated to be completed by March 2019.

ROADWAY - Davie Road Improvements

The Town of Davie engaged CGA to provide roadway and miscellaneous improvements for Davie Road within the Town of Davie. This project was broken up into two phases due to limited funding provided by local grants.



Phase 1: This project, which was partially funded by a FDOT County Incentive Grant, included the widening of Davie Road from 4 lanes to 6 lanes between SR 84 and Nova Drive. The scope included adding a median, an additional lane in each direction, bike lanes, a new signal at Nova Drive and Davie Road to accommodate the wider roadway, pedestrian



upgrades, tree relocations and removals, drainage and lighting modifications, utility coordination, and signal modifications at Reese Road to accommodate proposed dual left turns from southbound Davie Road to Reese Road. This corridor, faced with constrained right-of-way, had to accommodate the widening to six lanes while maintaining all existing right turn lanes. Permitting was required through the local drainage district, Broward County Highway Construction and Engineering Division, FDOT for work near SR 84, SFWMD, and the Town of Davie. Harmonization with private right of way and changes to access due to the median required coordination with the businesses.

Phase 2: This phase was funded by a Transportation Enhancement grant through the FDOT District 4 which required it to follow FDOT LAP submittal requirements. Phase 2 consisted of improvements to Davie Road from Nova Drive (SW 24th Street) to SW 39th Street.

The scope includes construction of a landscaped median, widening existing sidewalks, milling and resurfacing, signing and pavement markings, adding bicycle lanes, drainage, tree relocations and removals, pedestrian lighting and conventional roadway lighting modifications. This project also includes replacing the school zone flashing beacon on Davie Road north of SW 37th Street, signal modifications and guide sign assembly at 39 Street. Permitting was required through Central Broward Water Control District (CBWCD), Tindall Hammock Irrigation and Soil Conservation District (THISCD), South Florida Water Management District (SFWMD), Broward County Highway Construction and Engineering Division (BCHCED), Broward County Traffic Engineering Division (BCTED), FDOT and the Town of Davie.

TAB 5 - PROFESSIONAL REGISTRATION CERTIFICATES



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

CALVIN GIORDANO & ASSOCIATES, INC.

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, 2018, that its most recent annual report/uniform business report was filed on January 2, 2018, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Second day of January, 2018*



Ken DeFina
Secretary of State

Tracking Number: CC7752276398

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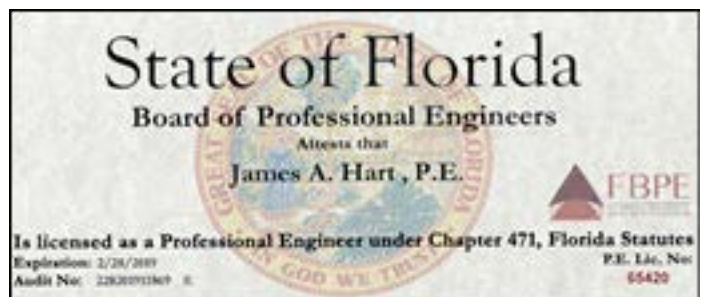
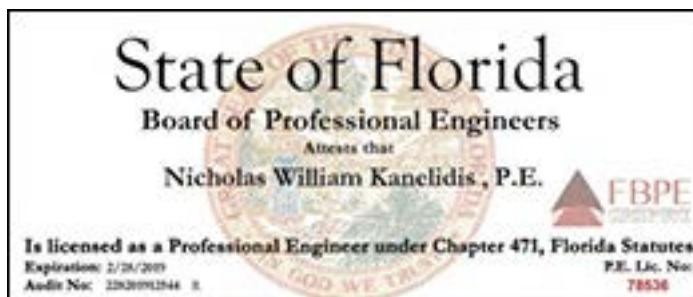
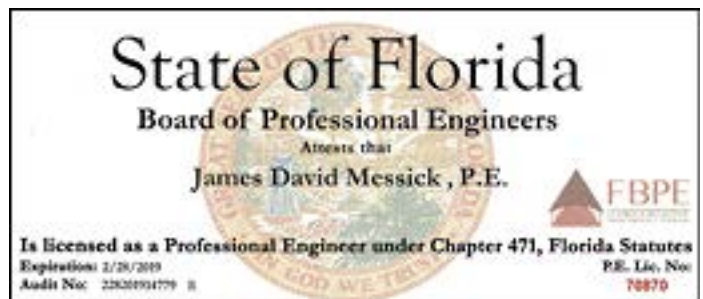
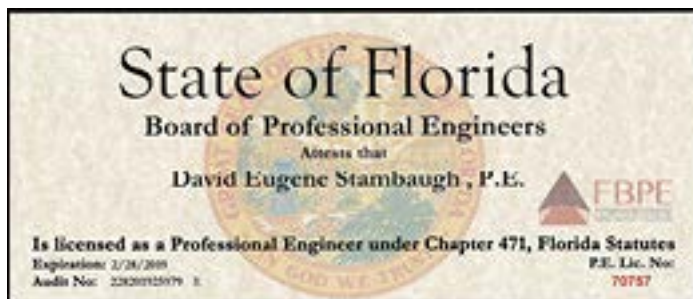
Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

CALVIN GIORDANO & ASSOCIATES, INC.



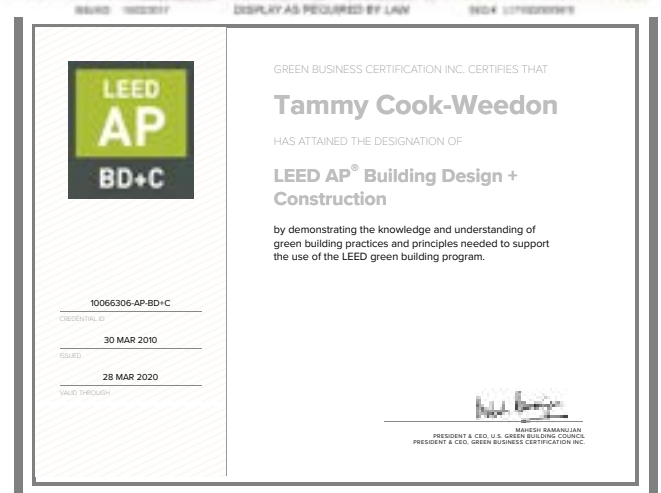
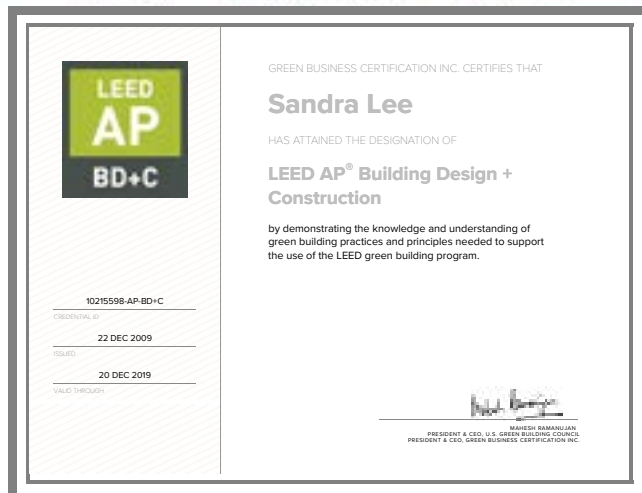
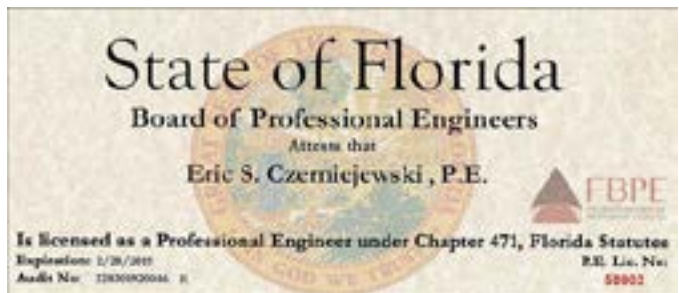
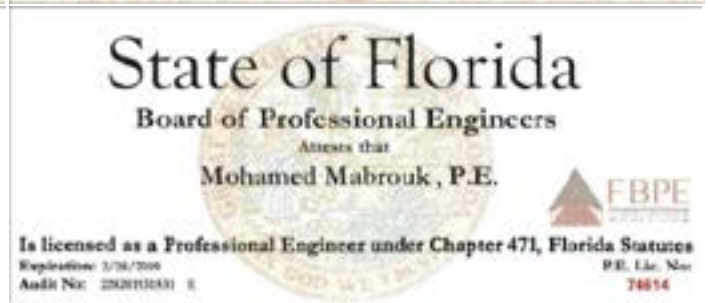
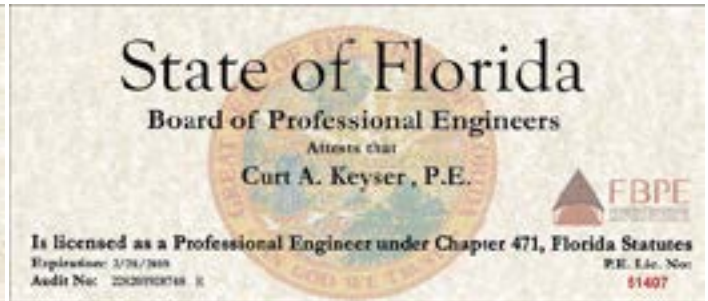
Licensee Details

Licensee Information	
Name:	TORRES CABRERA, EMELIZ (Primary)
PAIN Address:	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX
County:	XXXXXXXXXXXXXXXXXXXX
License Pailing:	XXXXXXXXXXXXXXXXXXXX
License Location:	XXXXXXXXXXXXXXXXXXXX
License Information	
License Type:	Professional Engineer
Rank:	
License Number:	
Status:	Application In Process
Licenture Date:	
Expires:	





CALVIN GIORDANO & ASSOCIATES, INC.





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Calvin, Giordano & Associates, Inc.
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CALVIN GIORDANO & ASSOCIATES, INC.



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

May 15, 2018

Dennis J. Giordano, President
CALVIN, GIORDANO & ASSOCIATES, INC.
1800 Eller Drive, Suite 600
Ft. Lauderdale, Florida 33316

Dear Mr. Giordano:

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

- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization
- Group 8 - Survey and Mapping
 - 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
 - 8.4 - Right of Way Mapping
- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI

www.fdot.gov



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Group 13 - Planning

- 13.4 - Systems Planning
- 13.5 - Subarea/Corridor Planning
- 13.6 - Land Planning/Engineering

Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2019 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
122.68%	88.44%	0.170%	Excluded	No	4.44%	7.54%*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

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

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

HILLERS ELECTRICAL ENGINEERING, INC.

State of Florida Department of State

I certify from the records of this office that HILLERS ELECTRICAL ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on February 16, 1994.

The document number of this corporation is P94000013888.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on March 12, 2018, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Twelfth day of March, 2018*



Ken Detjen
Secretary of State

Tracking Number: CC3402909547

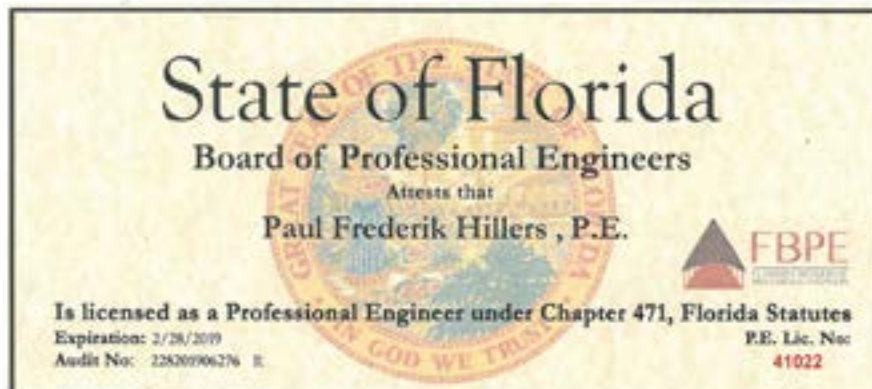
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Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

HILLERS ELECTRICAL ENGINEERING, INC.





Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

CONNECT CONSULTING, INC.

State of Florida Department of State

I certify from the records of this office that CONNECT CONSULTING, INC. is a corporation organized under the laws of the State of Florida, filed on January 22, 1996.

The document number of this corporation is P96000007973.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 27, 2018, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Twenty-seventh day of
January, 2018*



Ken Detmer
Secretary of State

Tracking Number: CC4294106935

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Calvin, Giordano & Associates, Inc.
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CONNECT CONSULTING, INC.





Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

LAKDAS YOHLAM ENGINEERING, INC.

State of Florida Department of State

I certify from the records of this office that LAKDAS/YOHALEM ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on November 9, 1987.

The document number of this corporation is K01968.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on February 8, 2018, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Eighth day of February, 2018*



Ken Peterson
Secretary of State

Tracking Number: CC9505900771

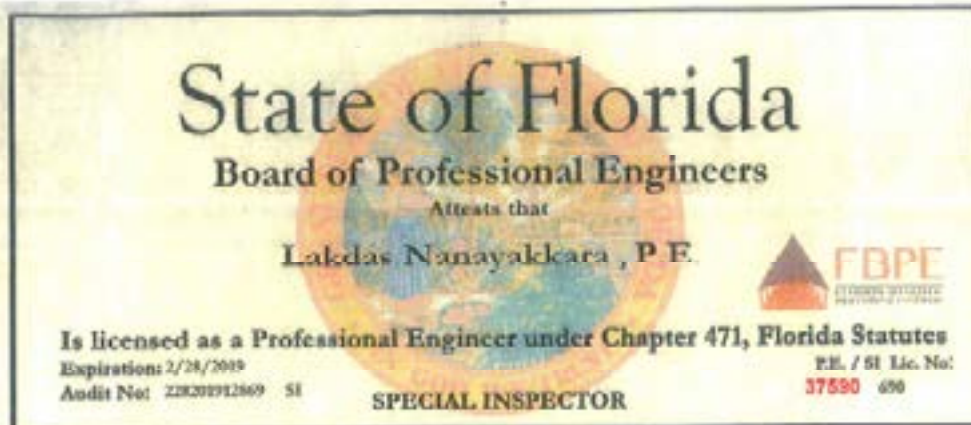
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Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

LAKDAS YOHLAM ENGINEERING, INC.





Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™



OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT
Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301
954-357-8400 • FAX 954-357-5674 • TTY 954-357-5664

April 26, 2018

Mr. Lakdas Nanayakkara
LAKDAS/YOHALEM ENGINEERING, INC.
2211 NE 54th Street
Fort Lauderdale, Florida 33308

ANNIVERSARY DATE – Annually, on April 26th

Dear Mr. Nanayakkara:

Broward County is pleased to announce that **Lakdas/Yohalem Engineering, Inc.** has been certified as a **Disadvantaged Business Enterprise (DBE)** in Florida, under a **Unified Certification Program (UCP)** in accordance with 49 CFR, PART 26.

DBE certification continues from your anniversary date, but is contingent upon Lakdas/Yohalem Engineering, Inc. renewing its eligibility annually through this office, Office of Economic and Small Business Development (OESBD). OESBD will notify you in advance of your obligation to provide continuing eligibility documents; however, ensuring continued certification is your responsibility. Failure to continue your eligibility will result in immediate action to decertify Lakdas/Yohalem Engineering, Inc. as a DBE.

Lakdas/Yohalem Engineering, Inc. will be listed in Florida's **Business Directory** which can be accessed via the internet, at
<http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/>

As long as Lakdas/Yohalem Engineering, Inc. is listed in the Florida Business Directory, it is considered eligible to bid throughout the state under the assigned NAICS.

DBE Certification is subject to actions by governmental agencies impacting the disadvantaged status of Lakdas/Yohalem Engineering, Inc.

DBE certification is **NOT** a guarantee of work, but enables Lakdas/Yohalem Engineering, Inc. 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.

Broward County Board of County Commissioners
Mark D. Bogen • Sean Furr • Steve Geller • Dale V.C. Holmes • Chip Laddara • Nan H. Rich • Tim Ryan • Barbara Sharief • Mohad Uéna
www.broward.org



Calvin, Giordano & Associates, Inc.
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OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT
Governmental Center Annex
115 S. Andrews Avenue, Room A880 • Fort Lauderdale, Florida 33301
954-357-8400 • FAX 954-357-5674 • TTY 954-357-5684

May 11, 2017

Mr. Lakdas Nanayakkara
LAKDAS/YOHALEM ENGINEERING, INC.
2211 NE 54th Street
Fort Lauderdale, Florida 33308

Dear Mr. Nanayakkara:

The Broward County Office of Economic and Small Business Development is pleased to announce that your firm's **County Business Enterprise (CBE)** certification has been renewed.

Your firm's certification is continuing from your anniversary date, but is contingent upon the firm verifying its eligibility annually through this office. You will be notified in advance of your obligation to continue eligibility in a timely fashion. However, the responsibility to assure continued certification is yours. Failure to document your firm's continued eligibility for the CBE program within **thirty (30) days** from your anniversary may result in the expiration of your firm's certification. Should you continue to be interested in certification after it has expired, you will need to submit a new application and all required supporting documentation for review.

To review current Broward County Government bid opportunities visit: www.broward.org/Purchasing and click on "Current Solicitations and Results." Also, from this website, you can log into your firm's profile in BidSync to ensure you have added all appropriate classification codes. Bid opportunities over \$3,500 will be advertised to vendors via e-mail and according to classification codes, so please ensure that both the Purchasing Division and OESBD are apprised of your current e-mail address.

Your primary certification group is: **Architecture/Engineering Services**. This is also how your listing in our directory will read. You may access your firm's listing by visiting the Office of Economic and Small Business Development Directory, located on the internet at: www.broward.org/EconDev and click on "Certified Firm Directories."

Your firm may compete for, and perform work on Broward County projects in the following areas:

NAICS CODE: 541330, 541340, 541350, 541990

We look forward to working with you to achieve greater opportunities for your business through county procurement.

Sincerely,

Sandy-Michael McDonald, Director
Office of Economic and Small Business Development

Cert Agency: BC-CBE
ANNIVERSARY DATE: November 7th

Broward County Board of County Commissioners
Mark D. Bader • Dean Furr • Steve Wasser • Dale V.G. Holmes • Greg Lawrence • Nath H. Patti • Tim Ryan • Barbara Sharief • Michael Udine
www.broward.org



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

NUTTING ENGINEERING

State of Florida Department of State

I certify from the records of this office that NUTTING ENGINEERS OF FLORIDA INC is a corporation organized under the laws of the State of Florida, filed on February 16, 1967.

The document number of this corporation is 313874.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 15, 2018, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Fifteenth day of January, 2018*



Ken Detmer
Secretary of State

Tracking Number: CC4698680468

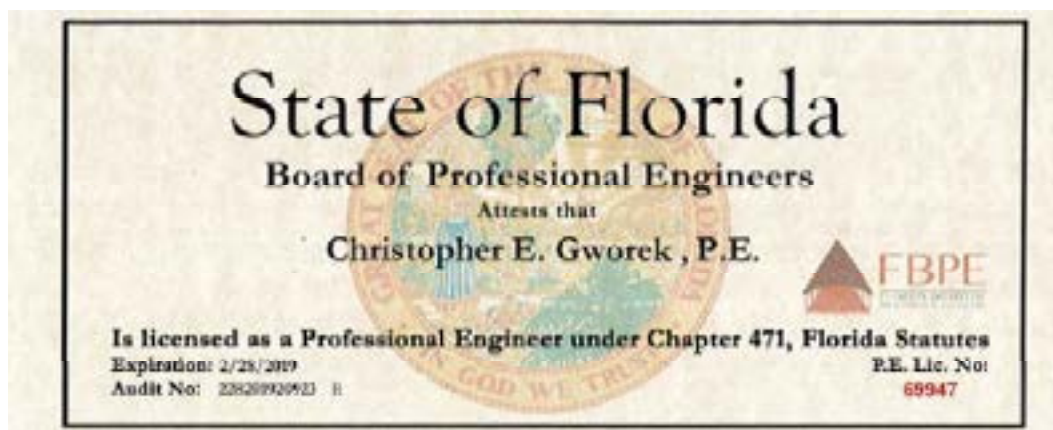
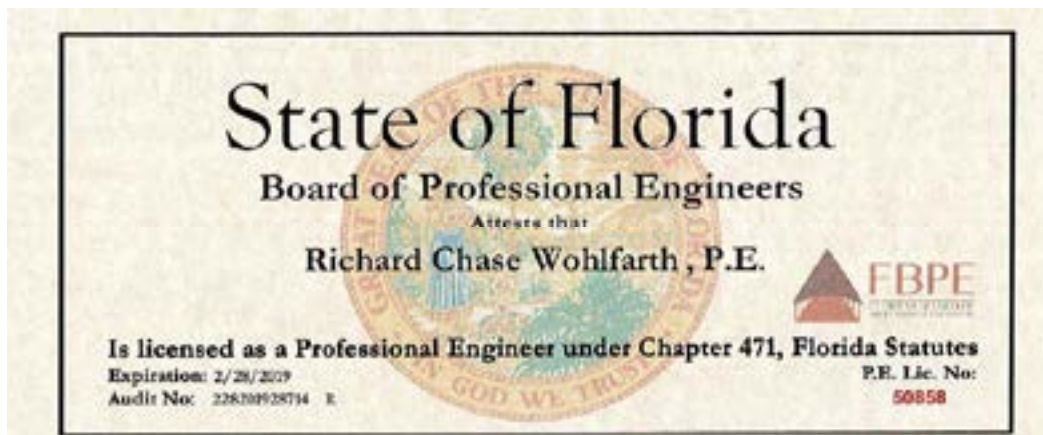
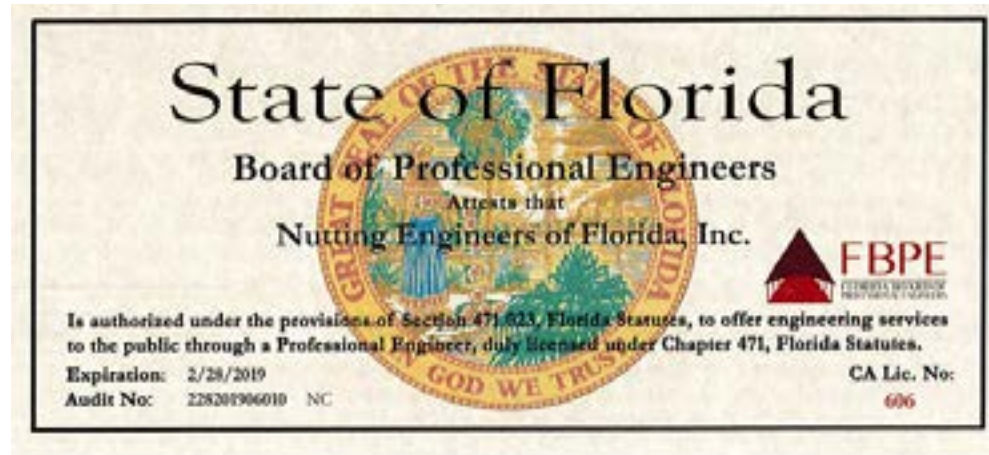
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Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

NUTTING ENGINEERING





Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

SYNALOVSKI, ROMANIK SAYE, LLC

State of Florida

Department of State

I certify from the records of this office that SYNALOVSKI ROMANIK SAYE, LLC is a limited liability company organized under the laws of the State of Florida, filed on June 25, 2009, effective June 25, 2009.

The document number of this limited liability company is L09000062006.

I further certify that said limited liability company has paid all fees due this office through December 31, 2018, that its most recent annual report was filed on January 11, 2018, and that its status is active.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Eleventh day of January, 2018*



Ken Detjen
Secretary of State

Tracking Number: CC2119527342

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Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

SYNALOVSKI, ROMANIK SAYE, LLC

RICK SCOTT, GOVERNOR KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER
AA2001863

The ARCHITECT CORPORATION
Named below IS CERTIFIED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 26, 2019

SYNALOVSKI ROMANIK SAYE, LLC
1800 ELLER DRIVE, SUITE 600
FORT LAUDERDALE FL 33316

ISSUED: 12/28/2018 DISPLAY AS REQUIRED BY LAW SEQ # L1612280001511

RICK SCOTT, GOVERNOR KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER
AR0011628

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 26, 2019

SYNALOVSKI, MANUEL
1800 ELLER DRIVE SUITE 600
FORT LAUDERDALE FL 33316

ISSUED: 12/28/2018 DISPLAY AS REQUIRED BY LAW SEQ # L1612280001441

RICK SCOTT, GOVERNOR KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER
AR0015819

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 26, 2019

ROMANIK, MERRILL ANN
1018 NE LITTLE RIVER DRIVE
MIAMI FL 33138

ISSUED: 12/28/2018 DISPLAY AS REQUIRED BY LAW SEQ # L1612280001421



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

KITTELSON & ASSOCIATES, INC

State of Florida Department of State

I certify from the records of this office that KITTELSON & ASSOCIATES, INC. is an Oregon corporation authorized to transact business in the State of Florida, qualified on May 21, 1996.

The document number of this corporation is F96000002547.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 11, 2018, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Eleventh day of January, 2018*



Ken Detjen
Secretary of State

Tracking Number: CC6019689833

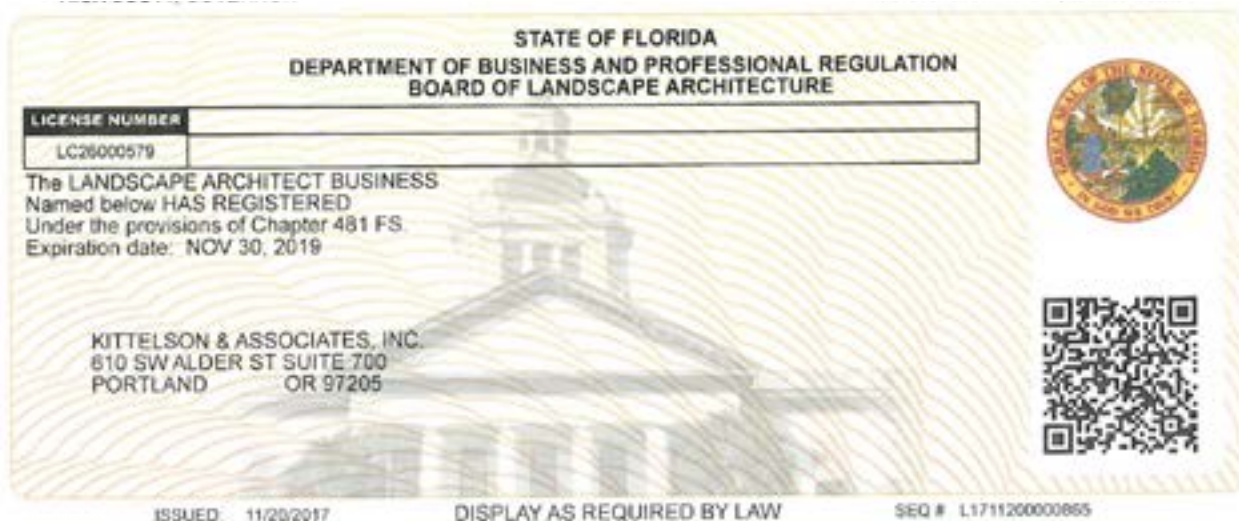
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

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



Calvin, Giordano & Associates, Inc.
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KITTELSON & ASSOCIATES, INC





Calvin, Giordano & Associates, Inc.
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KITTELSON & ASSOCIATES, INC



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

May 23, 2018

Karl Passetti, Vice President
KITTELSON & ASSOCIATES, INC.
225 East Robinson Street, Suite 355
Orlando, Florida 32801

Dear Mr. Passetti:

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

- Group 2 - Project Development and Environmental (PD&E) Studies
- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing
 - 6.3.1 - Intelligent Transportation Systems Analysis and Design
 - 6.3.2 - Intelligent Transportation Systems Implementation
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization
- Group 13 - Planning
 - 13.3 - Policy Planning
 - 13.4 - Systems Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering
 - 13.7 - Transportation Statistics
- Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2019 for contracting purposes.

www.fdot.gov



KITTELSON & ASSOCIATES, INC

Fabian De La Espriella, AICP

Profile Status: Visible only to other members

Membership ID: 152242

Primary Chapter: FL

Membership Expires: 09/29/2018

[Edit Profile »](#)

AICP Membership Expires

AICP Certification #: 026021

AICP Start Date: 02/21/2013

Badges

[Choose File](#) No file chosen

[Upload](#)

Remove X

Page 1 of 1

Find a Licensee

[Search Again](#) | [Downloads](#)

Search Results

1 license records found.

Cert. No	Name	Address	City	State/Nation	Zip	Branch	Status	Expires
89907PE	Kelley, Brandon Wade		Orlando	FL, United States		CE	Active	6/30/2019

Data Contained In Search Results Is Current As Of 07/24/2018 07:49 AM.

Search Results

Please see our [glossary of terms](#) for an explanation of the license status shown in these search results.

For additional information, including any complaints or discipline, click on the name.

License Type	Name	Name Type	License Number/Rank	Status/Expires
Professional Engineer	KELLEY, BRANDON WADE	Primary		Application In Process
Main Address: 2017 SW 28TH STREET HENRIETTA, FL 32110				



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

KITTELSON & ASSOCIATES, INC

Transportation Professional Certification Board Inc.

1421 Elm Street, 9th - Suite 800 • Washington, DC 20004 USA • Tel: 202 462 0080 • Fax: 202 745-2916 • www.tpcb.org



JOHN R. FREEMAN, Jr.
Kittelson & Associates, Inc.
651 SW 6th Avenue, Ste 100
Portland, OR 97204, USA

The Transportation Professional Certification Board (TPCB Inc) is pleased to inform you that your PTOE® certificate has been renewed through 2/1/2021.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE®. Note that your certificate shows your original certification date.

During your three-year certification period, please be aware of the following requirements that will apply to your certification maintenance and future renewal:

- Maintain at least one valid governmentally issued credential, any licensing license
- Demonstrate attainment of 45 of professional development hours, as required per the attached document

At the March 2018 meeting, the TPCB unanimously voted to apply penalty fees for those who do not renew their certification within the 3-month grace period and after a second inactive status is reached. Visit our website for more information: <http://www.tpcb.org/tpcbcertrenewalinfo.asp>. Prior to the expiration of your PTOE®, you will be notified of your renewal deadline. Additional email notices will be requested if you renew within three months of your expiration date 2/1/2021.

In the certification and licensure industry, it had become common for a certain percentage of recent local applicants' application materials to be audited and verified. TPCB has been working with its psychometrician at Castle (TPCB's certification and licensure testing company) to determine that percentage as well as the process that must be implemented to supply for its accreditation. Please be advised that beginning January 1, 2018, TPCB will implement a policy in which 20% of application materials will be audited which means that the candidate will be required to provide documentation as backup to support the application. This sampling will be completely random. Additionally, TPCB must reserve the right to selectively audit individuals in certain circumstances such as:

1. Individuals who were previously audited and did not meet the standards.
2. Individuals who have been given a hardship.
3. Individuals who may be subject to discipline by the TPCB Board.

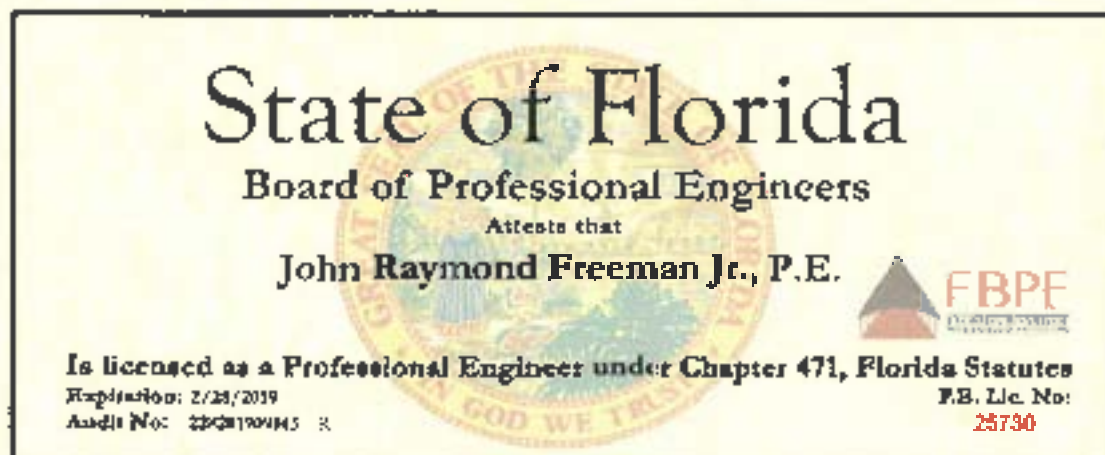
From time to time, TPCB will distribute a newsletter. If you would like to contribute to the newsletter, please send any items of interest to: certification@tpcb.org

Thank you for your certified PTOE® certification and best wishes in the coming years.

Sincerely,

Michael R. Park, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Attachments



Supplier: **Calvin, Giordano & Associates, Inc.**



City of Pembroke Pines

Attachment C

NON-COLLUSIVE AFFIDAVIT

BIDDER is the **Calvin, Giordano & Associates, Inc.**,
(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Such Bid is genuine and is not a collusive or sham Bid;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached Bid or any other BIDDER, or to fix any overhead, profit, or cost element of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached Bid are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

Printed Name/Signature **Dennis Giordano**

Title **President**

Name of Company **Calvin, Giordano & Associates, Inc.**

Supplier: **Calvin, Giordano & Associates, Inc.**



City of Pembroke Pines

Attachment D

**SWORN STATEMENT
ON PUBLIC ENTITY CRIMES
UNDER FLORIDA STATUTES CHAPTER 287.133(3)(a).**

1. This sworn statement is submitted **Calvin, Giordano & Associates, Inc.** (name of entity submitting sworn statement) whose business address is **1800 Eller Drive, Suite 600, Fort Lauderdale, FL 33316** and (if applicable) its Federal Employer Identification Number (FEIN) is **65-0013869**. (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: .)

2. My name is **Dennis Giordano** and my
(Please print name of individual signing)

relationship to the entity named above is **President** .

3. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

4. I understand that a "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

5. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
 1. A predecessor or successor of a person convicted of a public entity crime: or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The Cityship by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

6. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
7. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **(Please indicate which statement applies.)**

☒ A) Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity have been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ B) The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND **(Please indicate which additional statement applies.)**

☐ B1) There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B2) The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. **(Please attach a copy of the final order.)**

☐ B3) The person or affiliate has not been placed on the convicted vendor list. **(Please describe any action taken by or pending with the Department of General Services.)**

Dennis Giordano

Calvin, Giordano & Associates, Inc.

7/16/2018

Bidder's Name/Signature

Company

Date

Supplier: Calvin, Giordano & Associates, Inc.

CONTACT INFORMATION FORM

IN ACCORDANCE WITH “RFQ # PSEN-18-02” titled “**Professional Service Providers (Architectural, Engineering, Surveying & Mapping)**” attached hereto as a part hereof, the undersigned submits the following:

A) Contact Information

The Contact information form shall be electronically signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such deputy or subordinate must accompany the proposal. This form must be completed and submitted through www.bidsync.com as part of the bidder's submittal.

COMPANY INFORMATION:

COMPANY: **Calvin, Giordano & Associates, Inc.**

STREET ADDRESS: **1800 Eller Drive, Suite 600**

CITY, STATE & ZIP CODE: **Fort Lauderdale, Florida 33316**

PRIMARY CONTACT FOR THE PROJECT:

NAME: **David Stambaugh** TITLE: **Contract Manager**

E-MAIL: **dstambaugh@cgasolutions.com**

- TELEPHONE: **954-766-2736** FAX:

CORPORATE OFFICER AUTHORIZED APPROVER:

NAME: **Dennis Giordano** TITLE: **President**

E-MAIL: **marketing@cgasolutions.com**

- TELEPHONE: **954-921-7781** FAX:

SIGNATURE: **Dennis Giordano**

Supplier: **Calvin, Giordano & Associates, Inc.**

PROFESSIONAL SERVICES FORM

Please check the boxes shown below that your company wants to be considered for:

<input checked="" type="checkbox"/>	General Civil and Environmental Engineering Services
<input checked="" type="checkbox"/>	Treatment Plant Process Engineering Services
<input checked="" type="checkbox"/>	Electrical Engineering Services
<input checked="" type="checkbox"/>	Geotechnical Services
<input checked="" type="checkbox"/>	Structural Engineering Services
<input checked="" type="checkbox"/>	Land Surveying Services
<input checked="" type="checkbox"/>	General Architectural Services
<input checked="" type="checkbox"/>	Landscape Architecture Services
<input checked="" type="checkbox"/>	Hydro-Geological Services
<input checked="" type="checkbox"/>	FDOT Roadway Engineering Services

Supplier: **Calvin, Giordano & Associates, Inc.**



City of Pembroke Pines

Attachment G

EQUAL BENEFITS CERTIFICATION FORM FOR DOMESTIC PARTNERS AND ALL MARRIED COUPLES

Except where federal or state law mandates to the contrary, a Contractor awarded a Contract pursuant to a competitive solicitation shall provide benefits to Domestic Partners and spouses of its employees, irrespective of gender, on the same basis as it provides benefits to employees' spouses in traditional marriages.

The Contractor shall provide the City and/or the City Manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the Contractor is in compliance with the provisions of this section upon each new bid, contract renewal, or when the City Manager has received a complaint or has reason to believe the Contractor may not be in compliance with the provisions of this section. Records shall include but not be limited to providing the City and/or the City Manager or his/her designee with certified copies of the Contractor's records pertaining to its benefits policies and its employment policies and practices.

The Contractor must conspicuously make available to all employees and applicants for employment the following statement:

“During the performance of a contract with the City of Pembroke Pines, Florida, the Contractor will provide Equal Benefits to its employees with spouses, as defined by Section 35.39 of the City's Code of Ordinances, and its employees with Domestic Partners and all Married Couples”.

The posted statement must also include a City contact telephone number and email address which will be provided to each contractor when a covered contract is executed.

SECTION 1 DEFINITIONS

1. **Benefits** means the following plan, program or policy provided or offered by a contractor to its employees as part of the employer's total compensation package which may include but is not limited to sick leave, bereavement leave, family medical leave, and health benefits.
2. **Cash Equivalent** mean the amount of money paid to an employee with a domestic partner or spouse in lieu of providing benefits to the employee's domestic partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse from a traditional marriage.
3. **Covered Contract** means a contract between the City and a contractor awarded subsequent to the date when this section becomes effective valued at over \$25,000 or the threshold amount required for competitive bids as required in section 35.18(A) of the Procurement Code.
4. **Domestic Partner** shall mean any two (2) adults of the same or different sex who have registered as domestic partners with a governmental body pursuant to state or local law authorizing such registration, or with an internal registry maintained by the employer of at least one of the domestic partners. A contractor may institute an internal registry to allow for the provision of equal benefits to employees with domestic partners who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are

located in a jurisdiction where no such governmental domestic partnership registry exists. A contractor that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Pembroke Pines.

5. **Equal benefits** means the equality of benefits between employees with spouses and/or dependents of spouses and employees with domestic partners and/or dependents of domestic partners, and/or between spouses of employees and/or dependents of spouses and domestic partners of employees and/or dependents of domestic partners.
6. **Spouse** means one member of a married pair legally married under the laws of any state within the United States of America or any other jurisdiction under which such marriage is legally recognized, irrespective of gender.
7. **Traditional marriage** means a marriage between one man and one woman.

SECTION 2 CERTIFICATION OF CONTRACTOR

The firm providing a response, by virtue of the signature below, certifies that it is aware of the requirements of Section 35.39 "City Contractors providing Equal Benefits for Domestic Partners and all Married Couples" of the City's Code of Ordinances, and certifies the following (**Check only one box below**):

- ☒ **A.** Contractor currently complies with the requirements of this section; or
- ☐ **B.** Contractor will comply with the conditions of this section at the time of contract award; or
- ☐ **C.** Contractor will not comply with the conditions of this section at the time of contract award:
or
- ☐ **D.** Contractor does not comply with the conditions of this section because of the following allowable exemption (**Check only one box below**):
- ☐ **1.** The Contractor does not provide benefits to employees' spouses in traditional marriages;
- ☐ **2.** The Contractor provides an employee the cash equivalent of benefits because the Contractor is unable to provide benefits to employees' Domestic Partners or spouses despite making reasonable efforts to provide them. To meet this exception, the Contractor shall provide a notarized affidavit that it has made reasonable efforts to provide such benefits. The affidavit shall state the efforts taken to provide such benefits and the amount of the cash equivalent. Cash equivalent means the amount of money paid to an employee with a Domestic Partner or spouse rather than providing benefits to the employee's Domestic Partner or spouse. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee's spouse;
- ☐ **3.** The Contractor is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated supervised or controlled by or in conjunction with a religious organization, association, or society;
- ☐ **4.** The Contractor is a governmental agency;

The certification shall be signed by an authorized officer of the Contractor. Failure to provide such certification (by checking the appropriate boxes above along with completing the information below) shall result in a Contractor being deemed non-responsive.

COMPANY NAME: **Calvin, Giordano & Associates, Inc.**

AUTHORIZED OFFICER NAME / SIGNATURE: **Dennis Giordano**

Supplier: Calvin, Giordano & Associates, Inc.



City of Pembroke Pines

Attachment L

**SCRUTINIZED COMPANY CERTIFICATION
PURSUANT TO FLORIDA STATUTE § 287.135**

I, **Dennis Giordano**, on behalf of **Calvin, Giordano & Associates, Inc.**,
 Print Name and Title Company Name

certify that **Calvin, Giordano & Associates, Inc.**
 Company Name

1. Does not participate in a boycott of Israel; and
2. Is not on the Scrutinized Companies that Boycott Israel list; and
3. Is not on the Scrutinized Companies with Activities in Sudan List; and
4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List;
and
5. Has not engaged in business operations in Syria.

Submitting a false certification shall be deemed a material breach of contract. The City shall provide notice, in writing, to the Contractor of the City's determination concerning the false certification. The Contractor shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If the Contractor does not demonstrate that the City's determination of false certification was made in error then the City shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute § 287.135.

Section 287.135, Florida Statutes, prohibits the City from: 1) Contracting with companies for goods or services in any amount if at the time of bidding on, submitting a proposal for, or entering into or renewing a contract if the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, F.S. or is engaged in a boycott of Israel; and 2) Contracting with companies, for goods or services over \$1,000,000.00 that are on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector list, created pursuant to s. 215.473, or are engaged in business operations in Syria.

As the person authorized to sign on behalf of the Contractor, I hereby certify that the company identified above in the section entitled "Contractor Name" does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List, is not listed on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, and is not engaged in business operations in Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney's fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or has been placed on the Scrutinized Companies with Activities in Sudan list or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

**Calvin, Giordano &
Associates, Inc.**
Company Name

Dennis Giordano
Print Name / Signature

President
Title

3		4
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