



Professional Engineering Services

Continuing Services Contracts

for City of North Port Utilities Department
Request for Proposal No. 2020-58

Kimley»Horn

Expect More. Experience Better.



Professional Engineering Services

Continuing Services Contracts

for City of North Port Utilities Department | Request for Proposal No. 2020-58

Professional Engineering Services Continuing Services Contracts

For City of North Port Utilities Department

Request For Proposal No. 2020-58

Kimley»Horn

1777 Main Street

Suite 200

Sarasota, FL 34236

Phone: **941.379.7600**

Fax: **561.863.8175**

Ashley Miele, P.E. | Client/Project Manager

Office Phone: **941.379.7600**

Direct: **941.379.7616**

Mobile: **941.730.0783**

ashley.miele@kimley-horn.com

July 20, 2020



TABLE OF CONTENTS

<i>Tab / Title</i>	<i>Page</i>
1 Transmittal Letter	1-1 – 1-2
2 Qualifications for the Firm	2-1 – 2-5
▪ Firm Overview	
▪ SF 330 Part 1 A-C	
▪ SF 330 Part II	
3 Key Personnel/Qualifications of the Team	3-1 – 3-9
▪ SF 330 Section E Resumes	
4 Team’s Previous Experience/Proficiency in Similar Projects/Programs	4-1 – 4-3
▪ SF 330 Section F Projects	
▪ SF 330 Section G Matrix	
5 Management Approach/Project Controls	5-1 – 5-5
6 References	6-1 – 6-6
▪ References/Client Listing	
7 Litigation and Insurance	7-1
8 Additional Information	8-1 – 8-2
▪ SF 330 Section H	
9 Submission Requirements and Required Submittal Forms	9-1
▪ Checklist	
▪ Proposal Submittal Signature Form	
▪ Statement of Organization	
▪ References/Client Listing	
▪ Drug-Free Workplace	
▪ Public Entity Crime Information	
▪ Non-Collusive Affidavit	
▪ Lobbying Certification	
▪ Conflict of Interest Form	
▪ Disclosure Form (Consultant/Engineer/Architect)	
▪ Scrutinized Business Certification Form	
▪ Sun Biz State Registration	
▪ Sample Insurance Certificate	
▪ MBE/WBE/VBE	
▪ Licenses	



1 — TRANSMITTAL LETTER

Ginny Duyn, CPPB
Senior Purchasing Administrator
City of North Port
4970 City Hall Boulevard, Suite 337
North Port, Florida 34286

Kimley»Horn

July 20, 2020

**Re: Professional Engineering Services – Continuing Services Contracts for City of North Port
Utilities Department – Request For Proposal No. 2020-58**

Dear Ms. Duyn and Members of the Evaluation Committee:

As always, we appreciate the opportunity to present our qualifications for this continuing services contract to the City of North Port's Utilities Department. **Kimley-Horn** is submitting on and wishes to be considered for the following categories and have outlined below why we are highly qualified to serve your needs:

Category 1 - Water, Wastewater, and Reclaimed Water Treatment & Storage Systems

Category 2 - Water, Wastewater, and Reclaimed Water Conveyance Systems

Category 3 - Water, Wastewater, and Reclaimed Water Planning

Experience Serving North Port. Kimley-Horn's has a longstanding track record with the City of North Port dating back to 2002 with work we performed for your Public Works department. Since then we have strengthened our relationships with City staff and expanded our sphere of influence in the community, not only by performing professional services for roadway projects, but providing community services for recreational parks, dog parks and aquatic centers. We've also contributed to professional utilities services pertaining to control structures, bridges, and stormwater master plans for a comprehensive resume with the City.

Knowledge of Your Water System. Within the last year North Port trusted us to improve your water infrastructure for the Myakkahatchee Creek Water Treatment Plant to Ortiz Blvd Water Transmission Main and the San Mateo Drive Distribution Main projects, both involving the design, permitting, and construction of impactful water mains with the City's limits. Also, we recently worked with the City to design and construct the Southwest Wastewater Reclamation Facility (SWWWRF) and we are currently underway with the design of the new Southwest Water Treatment Plant (SWWTP). Through each of our recent services with the City we have gained significant institutional knowledge of the North Port's existing water, reclaim water, and wastewater system from treatment and pump stations to conveyance. For example, as we began our work on the San Mateo Drive Distribution Main, it became clear that the City needed hydraulic modeling support, which was when we introduced **Heather Ripley, P.E.** to begin calibrating and evaluating the City's existing model. This helped us understand the operations of the pump stations, areas of high water age, existing and future interconnects, and areas for capital improvement needs. Our recent work with the SWWWRF and all of the pump stations we designed within the West Villages Improvement District (WVID) has provided us with insight on levels of service, FOG concerns, lift station operations, and the impacts active construction can have on a system. **Additionally, we understand the passion the City has for indirect and direct potable water reuse and have planned for these future improvements at the SWWTP in the interest of the City.**

Looking to the Future. We know the City will be undergoing some significant changes over the next several years and a wide variety of services will be required under this contract. Kimley-Horn is a multi-disciplinary firm that can navigate these various services as a trusted partner. Much of our success over the past 53 years

is directly related this structure, which allows us to utilize resources firmwide and to allocate resources as necessary and whenever required. This level of service leads to cost reductions, increased productivity, quicker and more accurate product development, creative thoughts and ideas from different resources, and better quality deliverables. Moreover, we are structured to allow for long-term commitments of specific personnel to serve a client's needs. We can make the commitment to the City of North Port that the team members listed in our organization chart will be the same team of local, dedicated professionals who will serve the City for the duration of the contract—*there is no revolving door of staff.*

Our Commitment to You. As your consultant, our goal is to provide you with the highest quality of engineering services necessary for any project. We are dedicated to continuing our long-term relationship founded on trust, partnership, respect, and teamwork. We look forward to working with North Port and your team throughout the duration of this contract.

Very truly yours,

KIMLEY-HORN



Ashley Miele, P.E.
Client/Project Manager



Gary Nadeau, P.E.
Senior Vice President

Note: As a Senior Vice President with our firm, Gary Nadeau is authorized to commit Kimley-Horn for this contract.

Our response to this submittal is made without collusion with any other person or entity submitting a proposal pursuant to this RFP. For the purposes of this proposal, all persons or entities named in this proposal are principals, as stated in RFP No. 2020-58 requirement Part III, 1. Rules for Proposals, Item A on page 31 of 64.

Materials and enclosures provided in our response include:

Standard Form 330, Key Personnel Resumes, Management Approach, References, Litigation and Insurance Information, and Required Submittal Forms

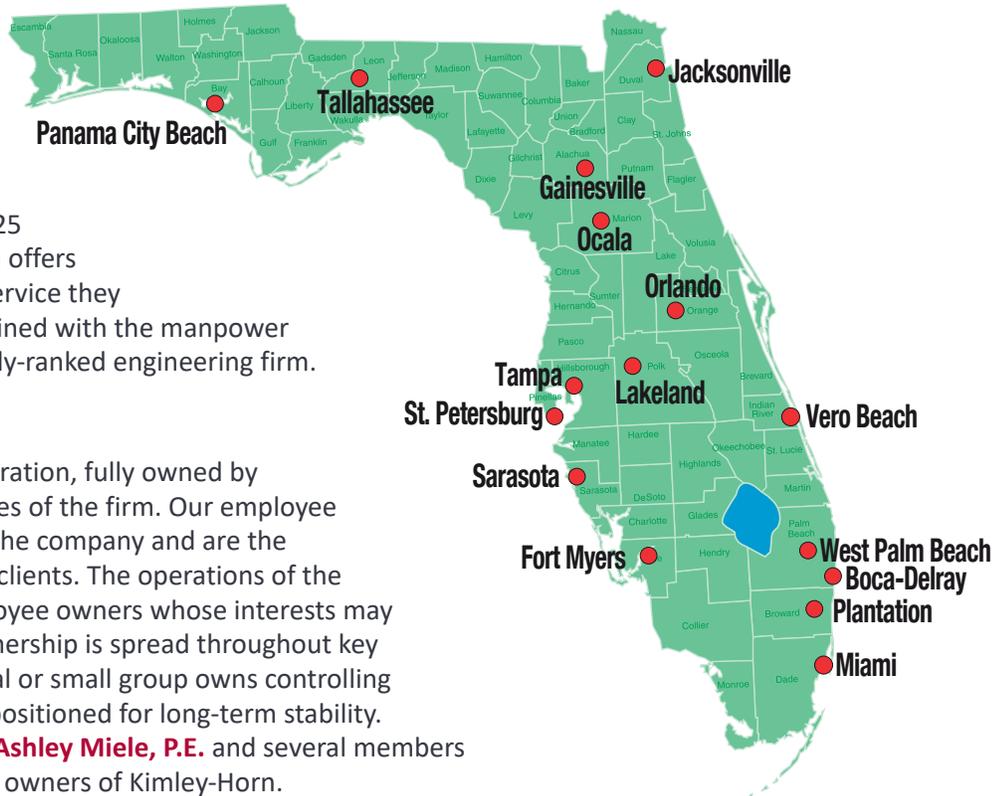


2 — QUALIFICATIONS OF THE FIRM

Firm Overview

Kimley-Horn is a full-service, multidisciplinary consulting firm offering a broad range of planning, engineering, landscape architecture, and environmental services to public and private sector clients. We were founded in 1967 as a three-person transportation planning and traffic engineering firm in Raleigh, North Carolina. Further diversification of our services and geographic practice followed over the years through key acquisitions and mergers.

Today, Kimley-Horn has more than 4,200 employees in more than 90 offices across the United States and Puerto Rico offering a full range of consulting services to local, regional, national, and international clients. In Florida alone, there are more than 825 employees in 16 offices. Kimley-Horn offers our clients the individual, personal service they would expect from a local firm combined with the manpower and technical resources of a nationally-ranked engineering firm.



Our Corporate Structure

Kimley-Horn is a privately-held corporation, fully owned by individuals who are current employees of the firm. Our employee owners are the sole stockholders of the company and are the professionals who directly serve our clients. The operations of the firm are not influenced by non-employee owners whose interests may conflict with client service. Since ownership is spread throughout key professionals, and no single individual or small group owns controlling interest of the firm, the company is positioned for long-term stability. Of note, our client/project manager **Ashley Miele, P.E.** and several members of our proposed team, are employee owners of Kimley-Horn.

Our services include planning, design, permitting, and construction observation services required from the onset of a project through operational testing. Kimley-Horn has experience providing the following:

Water and Wastewater Treatment

Kimley-Horn’s staff of professionals have award-winning experience in the design of water treatment and wastewater treatment facilities. The firm’s water treatment expertise ranges from systems as simple as aeration/chlorination to reverse osmosis (RO), membrane softening, ion exchange, and distillation. We are one of Florida’s leaders in low and high pressure RO systems and have extensive experience with converting conventional lime treatment to RO systems. We have been involved with membrane softening systems, wellfield analysis and rehabilitations, permitting of membrane concentrate waste disposal, and water storage facilities. Recent projects have included many cost-saving approaches used at various treatment facilities, which have resulted in single-year return on investment. Additionally, Kimley-Horn has aquifer recharge (AR) and aquifer storage and recovery (ASR) experience in both shallow and deep aquifer systems. Our experience encompasses conceptual planning, permitting, design, construction, and testing of such systems. AR and ASR technology is recognized for its innovation and direct contribution to practical water conservation.



Water/Wastewater/Reclaimed Water Transmission

The most substantial waterworks investment—the distribution, collection, and transmission system—is virtually unseen by the public. Kimley-Horn knows the importance of these facilities and offers years of experience in planning and designing them. Our water, reclaimed water, and wastewater capabilities encompass all planning, design, permitting, administration of utility agreements, and construction observation and inspection services required from the onset of a project through the approval process to completion of construction. Our staff has designed hundreds of miles of water and sewer lines ranging in size from 6 inches to 72 inches.

This work includes designing to avoid underground conflicts with existing utilities (including horizontal directional drilling (HDD) and jack-and-boring), on-site system layout, and regulatory compliance. Engineering analysis of collection and distribution systems can also determine the efficiency of existing structures and any corrective measures needed to serve the current and future needs of the client. Kimley-Horn is experienced in all phases of sewer system evaluations. We routinely coordinate and perform field testing (smoke tests, night flow isolations) and inspections of sewer systems (wet and dry weather) and manholes to identify infiltration and inflow (I&I); perform flow mapping of sewer systems in GIS; televise sewers; design sewer system rehabilitation programs; and perform flow monitoring.

Water, Wastewater and Reclaimed Pump Stations

Kimley-Horn has designed a multitude of pumping stations of many different types and sizes for water, wastewater, stormwater, reuse, and seawater. Our experience includes design of stations with capacities from 0.1 MGD to more than 100 MGD for a variety of applications all over Florida and the nation. From massive water-moving pumping stations to in-line sewage pumping stations, we have the expertise to complete these projects successfully. We have designed new pump stations to replace old and outdated stations, as well as complete renovations/rehabilitations of pump stations in their current location—all while keeping the station operational throughout the renovation/rehabilitation process. We cover all facets of the design and construction observation process, including mechanical system design, force main/collection system adjustments, structural engineering, hydraulic modeling, permitting, telemetry, and SCADA system design.

Water, Wastewater and Reclaimed Water Planning

Kimley-Horn's utility specialists have prepared public and private utilities plans across the U.S. for growth with an unrivaled reputation for responsiveness, foresight, and skill. Working as an extension of your staff, we develop an understanding of your systems' needs to assist in resolving existing issues and helping you plan for the future. We take concepts and mold them into plans that are acceptable to regulatory agencies, and beneficial to your customers, and you. Planning for your utilities future doesn't just include consideration of the transmission and distribution systems, Kimley-Horn will help to identify the best solution to meet your demands while balancing environmental impacts, water quality, treatability, long-term availability, community and customer impacts and permissibility. We also develop innovative methods for your water supply needs to recover water from lime sludge, treat brackish water to potable quality, and blend reverse osmosis-treated water with conventionally-treated water to lower processing costs and increase plant efficiency. We will make sure each viable option is considered and see the design is implemented through to completion.

As regulations are progressively changing, our planning team will assist you in making informed decisions to move towards the future implementation of direct potable re-use. Our efforts will help you consider the best options available to provide additional water and wastewater re-use optimization.

Hydraulic Modeling and GIS

Whether you're telling a local land developer how to meet your utility's requirements, determining build-out for the City or developing your master plans, Kimley-Horn's modeling experts know how to make the most of existing data to predict how your facilities will perform. Our models will simulate your systems to remedy existing and future hydraulic and water quality issues. Using the models, we will evaluate operational changes, potential source removal, incoming



developments, and optimize phasing improvements. Our extensive in-house library of modeling software, which includes Innovyze InfoWater, InfoSewer, InfoSurge, InfoWorks, EPA SOAP, EPA SWMM, Bentley WaterCAD, WaterGEMS, SewerCAD, SewerGEMS and HAMMER, can simulate your entire range of field conditions and help us assess your issues. Our engineers will expertly build and calibrate a model to help you with tasks ranging from projecting capital budgets and planning to assessing and providing direction on plant and system operations during normal and emergency situations to optimizing system operations to minimize capital and operating expenditures.

What makes us different. Our quality work environment and stable employee base has led to recognition with two major employer-of-choice awards. In 2020, *FORTUNE* magazine named Kimley-Horn one of its “100 Best Companies to Work For” for the 13th time. This year, we ranked #16. In addition, in 2020, *Engineering News-Record* ranked Kimley-Horn #17 overall of the top 500 US design firms and 8th among the 100 “pure design firms.” In 2019 we ranked 9th in Water Treatment & Desalination, 8th in Sanitary & Storm Sewers, 27th in Sewer & Waste, and 21st in Water Supply. Much of our growth extends from the confidence and trust clients have in us. Kimley-Horn’s long record of technical achievements is enhanced by our reputation for effective management and personal service. *Our clients benefit from the resources of a nationally recognized organization while receiving the personal attention and response of a small dedicated professional team.*



Our City of North Port experience includes almost two decades of working for and with the City, we have established vital relationships with not only City staff, but the agencies that will directly affect the flow of your projects. Having a keen understanding of the processes and expectations of these key players, we can be a valuable partner to you. The Kimley-Horn project team has worked on several projects for City of North Port Utilities, including the Reclaimed Water Transmission Main Expansion and most recently the Myakkahatchee Creek Water Treatment Plant to Ortiz Boulevard Water Main and the San Mateo Drive Water Distribution Main projects. In addition, Kimley-Horn has worked on numerous Public Works projects including, the Warm Mineral Springs Park, Paw Park, Skate Park, Water Control Structure (WCS) 107 and 109 Retrofit, and WCS 106 Rehabilitation.

Company Location

Kimley-Horn’s local Sarasota office will serve as the primary office responsible for the actual production of work related to this contract. This office will provide a strong local presence and maximize the use of our local staff. From this location, we will work diligently, encouraging open communication to keep you informed about project activity and primary schedule achievements. In addition, we have our Fort Myers office to the south and our St. Petersburg off and Tampa office immediately to the north to assist with any needs that may arise. We are committed to working as your partner, offering you the most effective level of communication to relay project issues, progress, and results that best serve your needs. There is no doubt that Kimley-Horn has the experience and expertise to rapidly respond to the City of North Port’s needs and the ability to draw on additional statewide and, even national resources, if needed.

Kimley-Horn and Associates, Inc.

1777 Main Street, Suite 200, Sarasota, FL 34236
(941) 379-7600; (561) 863-8175 (fax)

www.kimley-horn.com



Point of Contact

Our client/project manager, **Ashley Miele, P.E.**, will serve as the City of North Port’s personal point of contact, with full authority to make decisions that benefit the City. Ashley is based out of Kimley-Horn’s local Sarasota office and will assess your project’s needs and make a decision as to the appropriate team members to serve you. As the client/project manager, you can count on Ashley to be responsive, provide technical expertise, and to guide the City of North Port to the successful completion of any project. Ashley has more than 18 years of experience in Florida and is licensed in the State of Florida. Her areas of expertise include project management, pipeline and pump station design, and construction phase services. Ashley has the experience required to tailor suitable courses of action and provide timely decision making for any unexpected challenges that may arise.

Eleven of Ashley’s 18 years of experience have been spent at Kimley-Horn giving her a full knowledge of our firm, team, experience and partners. If a project arises that is outside Ashley’s area of expertise, she has the experience with this team to assign the best fitting team members for each project. She is committed to providing the right mix of technical, administrative, professional, and technical review staff to ensure that the City is being served at a high level by staff with the necessary background and experience. Each of the team leaders that she has selected for these services, has more than 10 years of project specific experience and are all licensed in the State of Florida as Professional Engineers or Professional Geologists. This helps to guarantee each project will be successfully executed and completed.

Ashley will also coordinate with each subconsultant firm to ensure that they adhere to Kimley-Horn’s established policies and procedures and provide quality products. She has worked with each of these subconsultant firms within her years at Kimley-Horn, so communication and effort with them will be seamless.

Ashely Miele, P.E.
ashley.miele@kimley-horn.com
(941) 379-7616

Subconsultants

Kimley-Horn’s emphasis on dynamic teamwork and quality performance serve as the foundation from which we selected our subconsultant partners for this project. We have worked diligently to pursue firms who are respected and accomplished in their respective fields and demonstrate enthusiasm to be a part of our team and serve their local community. We have a responsibility to provide the best possible client service to you as your consultant and we expect the same level of commitment from each of our subconsultants. We have recruited the following expert subconsultants to round out our team.



ASRus, LLC – Hydrogeology/ASR

ASRus, LLC, was founded in 2006 to provide hydrogeological and reuse related professional services to municipal and industrial clients in Florida. After nearly 13 years in existence, ASRus has established itself as the recognized leader in aquifer recharge in Florida, particularly with the use of reclaimed water as the source water for aquifer replenishment. ASRus gives multiple presentations

each year and has been an invited speaker at all 18 ASR conferences held in Florida sponsored by the American Groundwater Trust. The firm was founded by its chief executive officer, senior hydrogeologist, project manager, and primary contact **Mark McNeal, P.G.**, who has 34 years of experience related to groundwater and reuse projects in Florida. Mark is a recognized state and national leader in ASR, deep well injection, aquifer recharge, and reuse. He is also past president of Florida WaterReuse and has given dozens of presentations at professional conferences over his career.



EarthBalance – Environmental Assessment and Permitting

EarthBalance is one of the largest hands-on ecological restoration and consulting firms in the country. Founded in 1985 as Florida Environmental, Inc., they have been permitting, restoring, protecting, and managing ecosystems throughout the United States and the Caribbean for over 30 years. Their experience with large-scale and complex restoration projects makes them a leader within the ecosystem restoration industry. Their team of environmental scientists and trained technicians are experts in constructing, restoring, and managing upland and wetland habitats. They apply environmental science and industry-leading technologies to develop ecological solutions that balance nature with the needs of people.



Hyatt Survey Services, Inc. – Survey/SUE

Hyatt Survey Services, Inc. is a full-service surveying and mapping company with a professional staff combining over 75 years of extensive professional experience in a variety of project areas. With their Florida headquarters located in Manatee County, Hyatt Survey has convenient access to a broad geographic area. They have provided professional surveying services throughout the state of Florida on federal, state and local public and private projects. From boundary, topographic and right-of-way surveying to intricate geodetic, construction and hydrographic/bathymetric surveying, they fulfill a variety of surveying requirements.



RKS Consulting Engineers – Electrical/I&C

RKS Consulting Engineers specializes in water and wastewater electrical, and instrumentation and control engineering services. RKS enjoys a long-term and continued reputation of providing quality designed projects on time and within budget. The RKS corporate headquarters is located in Fort Myers, Florida, near I-75 and Highway 41, allowing for quick access to project sites. RKS is expert in electrical site investigations, testing and troubleshooting problems. They believe detailed functional checkout of all projects prior to acceptance is key. RKS has been providing Lee and Collier County, among others, electrical and instrumentation and control engineering services for 19 years since its inception in 2001. RKS maintains continuing professional services agreements with both Lee and Collier County as well as the City of Cape Coral.



Universal Engineering Services – Geotechnical

Universal Engineering Sciences, Inc. (UES) has provided professional geotechnical engineering services throughout the southeast since 1964. Headquartered in Orlando, UES has a strong foundation of community, technical expertise, and the relentless pursuit of excellence. UES has grown into one of the largest family-owned geotechnical firms in the country and employs nearly 800 professionals. UES has provided a broad range of geotechnical engineering services such as building code compliance, environmental engineering, construction materials testing, and threshold inspection.

Firm Licenses

Firm and staff licenses are provided in Section 9 – Submission Requirements and Required Submittal Forms.

Standard Form 330 Part I and II

Standard Form 330 Part I (Sections A, B, and C) and Part II for Kimley-Horn and our subconsultants are provided on the following pages as specified in the RFP.

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

Professional Engineering Services- Continuing Services Contracts For City Of North Port Utilities Department

2. PUBLIC NOTICE DATE

6/18/2020

3. SOLICITATION OR PROJECT NUMBER

No. 2020-58

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Ashley Miele, P.E., Engineer

5. NAME OF FIRM

Kimley-Horn and Associates, Inc.

6. TELEPHONE NUMBER

941.379.7600

7. FAX NUMBER

561.863.8175

8. E-MAIL ADDRESS

ashley.miele@kimley-horn.com

C. PROPOSED TEAM

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

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
a.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1777 Main Street, Suite 200 Sarasota, FL 34236	Project Management; Master Planning and Hydraulic Modeling; Planning; Pipeline Design and Permitting; Pumping Stations and Storage; Utility Relocations; Structural; Site/Civil; Construction Phase Services/CEI; GIS
b.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1412 Jackson Street, Suite 2 Fort Myers, FL 33901	Quality Assurance/Quality Control; Surface Water Treatment
c.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	655 North Franklin Street, Suite 150 Tampa, FL 33602-4447	Pipeline Design and Permitting
d.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	100 Second Avenue South, Suite 105N St. Petersburg, FL 33701	Utility Relocations
e.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	189 South Orange Avenue, Ste. 1000 Orlando, FL 32801	Quality Assurance/Quality Control; Wastewater Treatment; Indirect and Direct Potable Water Reuse; GIS
f.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	101 East Silver Springs Boulevard, Suite 400 Ocala, FL 34470	Master Planning and Hydraulic Modeling; Wastewater Treatment

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[] *(Attached)*

C. PROPOSED TEAM

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

	<i>(Check)</i>			9. FIRM NAME <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
g.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1920 Wekiva Way Suite 200 West Palm Beach, FL 33411	Membrane Treatment; Wastewater Treatment; Indirect and Direct Potable Water Reuse
h.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	600 North Pine Island Road, Suite 450 Plantation, FL 33324	GIS
i.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	11 North Water Street RA Battle House Tower, Suite 10290 Mobile, AL 36602	Pumping Stations and Storage; Surface Water Treatment
j.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	200 South Tryon Street, Suite 200 Charlotte, NC 28202	Surface Water Treatment
k.			<input checked="" type="checkbox"/>	ASRus, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	13329 North Armenia Avenue Tampa, FL 33613	Hydrogeological
l.			<input checked="" type="checkbox"/>	EarthBalance Corporation <input type="checkbox"/> CHECK IF BRANCH OFFICE	2579 N. Toledo Blade Boulevard North Port, FL 34289	Environmental
m.			<input checked="" type="checkbox"/>	Hyatt Survey Services, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2012 Lena Road Bradenton, FL 34211	Survey/SUE
n.			<input checked="" type="checkbox"/>	RKS Consulting Engineers <input type="checkbox"/> CHECK IF BRANCH OFFICE	12651 McGregor Blvd., Suite 402 Fort Myers, FL 33919	Electrical/I&C
o.			<input checked="" type="checkbox"/>	Universal Engineering Sciences, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1748 Independence Boulevard, Suite B-1 Sarasota, Florida 34234	Geotechnical
p.				CHECK IF BRANCH OFFICE		

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

No. 2020-58

PART II – GENERAL QUALIFICATIONS

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

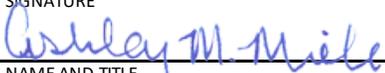
2a. FIRM (OR BRANCH OFFICE) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 1991	4. DUNS NUMBER 061099131
2b. STREET 1777 Main Street, Suite 200			5. OWNERSHIP	
2c. CITY Sarasota			2d. STATE FL	2e. ZIP CODE 34236
6a. POINT OF CONTACT NAME AND TITLE Ashley Miele, P.E., Project Manager			a. TYPE Corporation	
6b. TELEPHONE NUMBER 941.379.7600		6c. E-MAIL ADDRESS ashley.miele@kimley-horn.com		
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
6a. POINT OF CONTACT NAME AND TITLE Ashley Miele, P.E., Project Manager			b. SMALL BUSINESS STATUS No	
			7. NAME OF FIRM (If block 2a is a branch office)	

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			
42	Mechanical Engineers	16	2	R04	Recreational Facilities (Parks; Marinas; etc.)	4
13	Communications Engineers	31	0	S04	Sewage Collection, Treatment & Disposal	3
02	Administrative	315	2	S10	Surveying; Platting; Mapping; Flood Plain Studies	1
08	CADD Technicians	141	4	T03	Traffic & Transportation Engineering	1
12	Civil Engineers	1557	17	F05	Forensic Engineering	3
63	Design Technicians	95	1	U02	Urban Renewals; Community Development	3
23	Environmental Engineers	15	1	W02	Water Resources; Hydrology; Ground Water	1
39	Landscape Architects	118	6	W03	Water Supply; Treatment and Distribution	4
47	Planners: Urban/Regional	100	1	H07	Highways; Streets; Airfield Paving; Parking Lots	6
48	Project Managers	160	4	H09	Hospitals & Medical Facilities	1
65	Technical Support	322	4	H10	Hotels; Motels	2
58	Technician/Analysts	591	8	H11	Housing (Residential, Multifamily, Apartments,	6
60	Transportation Engineers	326	2	L03	Landscape Architecture	5
				O01	Office Building; Industrial Parks	2
				P05	Planning (Community; Regional; Areawide &	4
				P06	Planning (Site, Installation and Project)	2
				R03	Railroad and Rapid Transit	1
				C12	Communications Systems; TV; Microwave	1
				E02	Educational Facilities; Classrooms	1
				B02	Bridge Design	1
	Other Employees	491	0	C10	Commercial Building; (low rise); Shopping	2
	Total	4278	52	C11	Community Facilities	2

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	8	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	8	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 20, 2020
c. NAME AND TITLE Ashley Miele, P.E., Project Manager	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

No. 2020-58

PART II – GENERAL QUALIFICATIONS

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

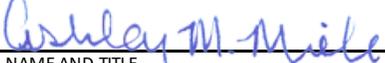
2a. FIRM (OR BRANCH OFFICE) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 2014	5. DUNS NUMBER 061099131
2b. STREET 1412 Jackson Street, Suite 2			5. OWNERSHIP	
2c. CITY Fort Myers			2d. STATE FL	2e. ZIP CODE 33901
6a. POINT OF CONTACT NAME AND TITLE Doug Eckmann, P.E., BCEE, D.WRE, F.ASCE, Civil Engineer			a. TYPE corporation	
6b. TELEPHONE NUMBER 239.271.2650		6c. E-MAIL ADDRESS douglas.eckmann@kimley-horn.com		
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
6b. TELEPHONE NUMBER 239.271.2650			b. SMALL BUSINESS STATUS No	
7. NAME OF FIRM (If block 2a is a branch office)				

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	315	1	C08	Codes; Standards; Ordinances	1
65	Technical Support	322	1	C10	Commercial Building; (low rise); Shopping	3
08	CADD Technicians	141	1	C11	Community Facilities	1
12	Civil Engineers	1557	9	C12	Communications Systems; TV; Microwave	1
63	Design Technicians	95	1	E02	Educational Facilities; Classrooms	1
23	Environmental Engineers	15	1	G04	Geographic Information System Services:	1
48	Project Managers	160	1	H07	Highways; Streets; Airfield Paving; Parking Lots	2
58	Technician/Analysts	591	2	H09	Hospitals & Medical Facilities	1
				H11	Housing (Residential, Multifamily, Apartments,	4
				L03	Landscape Architecture	2
				O01	Office Building; Industrial Parks	3
				P05	Planning (Community; Regional; Areawide &	1
				P06	Planning (Site, Installation and Project)	1
				P12	Power Generation, Transmission, Distribution	1
				R04	Recreational Facilities (Parks; Marinas; etc.)	2
				S04	Sewage Collection, Treatment & Disposal	1
				S07	Solid Wastes; Incineration; Landfill	1
				S13	Stormwater Handling & Facilities	4
				T03	Traffic & Transportation Engineering	1
				U02	Urban Renewals; Community Development	3
	Other Employees	1082	0	W02	Water Resources; Hydrology; Ground Water	1
	Total	4278	17	W03	Water Supply, Treat, Distrib	1

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	1	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
c. Total Work	6	3. \$250,000 to less than \$500,000			
		4. \$500,000 to less than \$1 million			
		5. \$1 million to less than \$2 million			

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	c. DATE July 20, 2020
c. NAME AND TITLE Ashley Miele, P.E., Project Manager	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

No. 2020-58

PART II – GENERAL QUALIFICATIONS

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

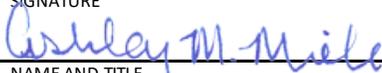
2a. FIRM (OR BRANCH OFFICE) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 1978	6. DUNS NUMBER 061099131
2b. STREET 655 North Franklin Street, Suite 150			5. OWNERSHIP	
2c. CITY Tampa			2d. STATE FL	2e. ZIP CODE 33602-4447
6a. POINT OF CONTACT NAME AND TITLE Bill Spinner, P.G., Geologist			a. TYPE Corporation	
6b. TELEPHONE NUMBER 813.620.1460			6c. E-MAIL ADDRESS Bill.Spinner@kimley-horn.com	
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
6b. TELEPHONE NUMBER 813.620.1460			b. SMALL BUSINESS STATUS No	
			7. NAME OF FIRM (If block 2a is a branch office)	

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	316	2	C11	Community Facilities	2
08	CADD Technicians	141	3	E11	Environmental Planning	3
12	Civil Engineers	1554	23	H07	Highways; Streets; Airfield Paving; Parking Lots	4
63	Design Technicians	94	1	H09	Hospitals & Medical Facilities	2
24	Environmental Scientists	34	2	H10	Hotels; Motels	2
30	Geologists	5	1	H11	Housing (Residential, Multifamily, Apartments,	4
47	Planners: Urban/Regional	99	3	I04	Intelligent Transportation Systems	2
48	Project Managers	160	2	L03	Landscape Architecture	3
65	Technical Support	322	5	O01	Office Building; Industrial Parks	3
58	Technician/Analysts	587	8	P05	Planning (Community; Regional; Areawide &	2
				P06	Planning (Site, Installation and Project)	1
				R03	Railroad and Rapid Transit	3
				R04	Recreational Facilities (Parks; Marinas; etc.)	2
				T03	Traffic & Transportation Engineering	5
				U02	Urban Renewals; Community Development	4
				W03	Water Supply; Treatment and Distribution	1
				S04	Sewage Collection, Treatment & Disposal	4
				C12	Communications Systems; TV; Microwave	5
				A05	Airports; Nav aids; Airport Lighting; Aircraft	4
				A06	Airports; Terminals; & Hangars; Freight Handling	2
	Other Employees	960	0	C10	Commercial Building; (low rise); Shopping	6
	Total	4272	50			

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	d. DATE July 20, 2020
c. NAME AND TITLE Ashley Miele, P.E., Project Manager	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

No. 2020-58

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 2018	7. DUNS NUMBER 061099131
2b. STREET 100 Second Avenue South, Suite 105N			5. OWNERSHIP	
2c. CITY St. Petersburg			2d. STATE FL	2e. ZIP CODE 33701
6a. POINT OF CONTACT NAME AND TITLE Jordan Walker, P.E., Engineer			a. TYPE Corporation	
6b. TELEPHONE NUMBER 727.547.3999			6c. E-MAIL ADDRESS Jordan.Walker@kimley-horn.com	
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
6b. SMALL BUSINESS STATUS No			7. NAME OF FIRM (If block 2a is a branch office)	

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	316	1	C08	Codes; Standards; Ordinances	1
12	Civil Engineers	1554	15	C10	Commercial Building; (low rise); Shopping	1
63	Design Technicians	95	1	C11	Community Facilities	1
39	Landscape Architects	118	2	E07	Energy Conservation; New Energy Sources	1
47	Planners: Urban/Regional	99	1	H07	Highways; Streets; Airfield Paving; Parking Lots	1
65	Technical Support	322	2	H09	Hospitals & Medical Facilities	1
58	Technician/Analysts	586	3	H10	Hotels; Motels	1
				H11	Housing (Residential, Multifamily, Apartments,	2
				L03	Landscape Architecture	1
				O01	Office Building; Industrial Parks	1
				P05	Planning (Community; Regional; Areawide &	1
				P12	Power Generation, Transmission, Distribution	1
				R03	Railroad and Rapid Transit	1
				R04	Recreational Facilities (Parks; Marinas; etc.)	2
				R11	Rivers Canals; Waterways; Flood Control	1
				S04	Sewage Collection, Treatment & Disposal	4
				S13	Stormwater Handling & Facilities	1
				S10	Surveying; Platting; Mapping; Flood Plain Studies	1
				T03	Traffic & Transportation Engineering	3
				U02	Urban Renewals; Community Development	1
	Other Employees	1181	0	W02	Water Resources; Hydrology; Ground Water	2
	Total	4271	25	W03	Water Supply; Treatment and Distribution	3

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	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	6	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 	e. DATE July 20, 2020
c. NAME AND TITLE	

Ashley Miele, P.E., Project Manager

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

No. 2020-58

PART II – GENERAL QUALIFICATIONS

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

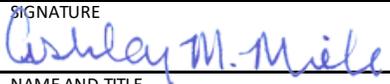
2a. FIRM (OR BRANCH OFFICE) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 1980	8. DUNS NUMBER 061099131
2b. STREET 189 South Orange Avenue, Ste. 1000			5. OWNERSHIP	
2c. CITY Orlando			2d. STATE FL	2e. ZIP CODE 32801
6a. POINT OF CONTACT NAME AND TITLE Steve Romano, P.E., Civil Engineer			a. TYPE Corporation	
6b. TELEPHONE NUMBER 407.898.1511			6c. E-MAIL ADDRESS steve.romano@kimley-horn.com	
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
6b. SMALL BUSINESS STATUS No			7. NAME OF FIRM (If block 2a is a branch office)	

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	315	24	E02	Educational Facilities; Classrooms	3
08	CADD Technicians	141	3	F05	Forensic Engineering	4
12	Civil Engineers	1557	68	H07	Highways; Streets; Airfield Paving; Parking Lots	6
63	Design Technicians	95	4	H09	Hospitals & Medical Facilities	2
67	Environmental Planners	21	1	H10	Hotels; Motels	4
30	Geologists	5	1	H11	Housing (Residential, Multifamily, Apartments,	6
66	Graphic Designers	60	3	I04	Intelligent Transportation Systems	3
39	Landscape Architects	118	5	O01	Office Building; Industrial Parks	2
42	Mechanical Engineers	16	1	P05	Planning (Community; Regional; Areawide &	2
47	Planners: Urban/Regional	100	1	P12	Power Generation, Transmission, Distribution	2
48	Project Managers	160	6	R03	Railroad and Rapid Transit	2
57	Structural Engineers	77	2	R04	Recreational Facilities (Parks; Marinas; etc.)	4
65	Technical Support	322	9	S04	Sewage Collection, Treatment & Disposal	3
64	Technical Writers	139	16	S13	Stormwater Handling & Facilities	1
58	Technician/Analysts	591	16	T03	Traffic & Transportation Engineering	6
60	Transportation Engineers	326	6	U02	Urban Renewals; Community Development	5
				W02	Water Resources; Hydrology; Ground Water	3
				W03	Water Supply; Treatment and Distribution	4
				L03	Landscape Architecture	2
				C10	Commercial Building; (low rise); Shopping	6
	Other Employees	235	0	A05	Airports; Nav aids; Airport Lighting; Aircraft	6
	Total	4278	166	A06	Airports; Terminals; & Hangars; Freight Handling	6

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	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	9	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	9	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 	f. DATE July 20, 2020
c. NAME AND TITLE Ashley Miele, P.E., Project Manager	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

No. 2020-58

PART II – GENERAL QUALIFICATIONS

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

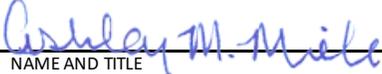
2a. FIRM (OR BRANCH OFFICE) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 2000	9. DUNS NUMBER 061099131
2b. STREET 101 East Silver Springs Boulevard, Suite 400			5. OWNERSHIP	
2c. CITY Ocala			2d. STATE FL	2e. ZIP CODE 34470
6a. POINT OF CONTACT NAME AND TITLE Lewis Bryant, P.E., Project Manager / Civil			a. TYPE Corporation	
6b. TELEPHONE NUMBER 352.438.3000			6c. E-MAIL ADDRESS Lewis.Bryant@kimley-horn.com	
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
6b. SMALL BUSINESS STATUS No			7. NAME OF FIRM (If block 2a is a branch office)	

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	315	2	B02	Bridge Design	1
08	CADD Technicians	141	2	C08	Codes; Standards; Ordinances	1
12	Civil Engineers	1557	12	C10	Commercial Building; (low rise); Shopping	3
63	Design Technicians	95	3	C11	Community Facilities	1
42	Mechanical Engineers	16	1	E09	Environmental Impact Studies, Assessments or	1
47	Planners: Urban/Regional	100	0	G01	Garages; Vehicle Maintenance Facilities; Parking	1
48	Project Managers	160	2	H07	Highways; Streets; Airfield Paving; Parking Lots	5
57	Structural Engineers	77	0	H09	Hospitals & Medical Facilities	1
65	Technical Support	322	1	H11	Housing (Residential, Multifamily, Apartments,	5
58	Technician/Analysts	591	3	L03	Landscape Architecture	3
60	Transportation Engineers	326	2	O01	Office Building; Industrial Parks	2
				P05	Planning (Community; Regional; Areawide &	1
				P08	Prisons & Correctional Facilities	1
				R04	Recreational Facilities (Parks; Marinas; etc.)	2
				S04	Sewage Collection, Treatment & Disposal	5
				S13	Stormwater Handling & Facilities	2
				S09	Structural Design; Special Structures	1
				T03	Traffic & Transportation Engineering	3
				U02	Urban Renewals; Community Development	2
				W02	Water Resources; Hydrology; Ground Water	2
	Other Employees	578	0	W03	Water Supply, Treat, Distrib	4
	Total	4278	28			

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	1	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 	g. DATE July 20, 2020
c. NAME AND TITLE Ashley Miele, P.E., Project Manager	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

No. 2020-58

PART II – GENERAL QUALIFICATIONS

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

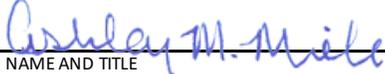
2a. FIRM (OR BRANCH OFFICE) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 1968	10. DUNS NUMBER 061099131
2b. STREET 1920 Wekiva Way, Suite 200			5. OWNERSHIP	
2c. CITY West Palm Beach			2d. STATE FL	2e. ZIP CODE 33411
6a. POINT OF CONTACT NAME AND TITLE Mark Miller, P.E., Engineer			a. TYPE Corporation	
6b. TELEPHONE NUMBER 561.845.0665			6c. E-MAIL ADDRESS Mark.Miller@kimley-horn.com	
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
6b. SMALL BUSINESS STATUS No			7. NAME OF FIRM (If block 2a is a branch office)	

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	315	32	A05	Airports; Nav aids; Airport Lighting; Aircraft	3
08	CADD Technicians	141	5	A06	Airports; Terminals; & Hangars; Freight Handling	3
12	Civil Engineers	1557	41	B02	Bridge Design	3
13	Communications Engineers	31	1	C08	Codes; Standards; Ordinances	2
15	Construction Inspectors	12	1	C12	Communications Systems; TV; Microwave	6
63	Design Technicians	95	4	D04	Design-Build - Preparation of Requests for	4
19	Ecologists	2	1	E09	Environmental Impact Studies, Assessments or	3
23	Environmental Engineers	15	1	F05	Forensic Engineering	6
26	Forensic Engineers	2	1	H07	Highways; Streets; Airfield Paving; Parking Lots	7
66	Graphic Designers	60	3	H11	Housing (Residential, Multifamily, Apartments,	2
39	Landscape Architects	118	3	I04	Intelligent Transportation Systems	3
42	Mechanical Engineers	16	4	L03	Landscape Architecture	4
48	Project Managers	160	8	O01	Office Building; Industrial Parks	2
57	Structural Engineers	77	3	P05	Planning (Community; Regional; Areawide &	3
65	Technical Support	322	6	P12	Power Generation, Transmission, Distribution	5
64	Technical Writers	139	9	R04	Recreational Facilities (Parks; Marinas; etc.)	2
58	Technician/Analysts	591	15	R13	Roadway Design	2
60	Transportation Engineers	326	5	S04	Sewage Collection, Treatment & Disposal	4
62	Water Resources Engineers	68	3	S13	Stormwater Handling & Facilities	2
				T03	Traffic & Transportation Engineering	6
	Other Employees	231	0	W02	Water Resources; Hydrology; Ground Water	4
	Total	4278	146	W03	Water Supply; Treatment and Distribution	6

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	3	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	9	2. \$100,000 to less than \$250,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
c. Total Work	9	3. \$250,000 to less than \$500,000			
		4. \$500,000 to less than \$1 million			
		5. \$1 million to less than \$2 million			

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	h. DATE July 20, 2020
c. NAME AND TITLE Ashley Miele, P.E., Project Manager	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

No. 2020-58

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 1983	11. DUNS NUMBER 061099131
2b. STREET 600 North Pine Island Road, Suite 450			5. OWNERSHIP	
2c. CITY Plantation			2d. STATE FL	2e. ZIP CODE 33324
6a. POINT OF CONTACT NAME AND TITLE Erin Emmons, GISP, Analyst			a. TYPE Corporation	
6b. TELEPHONE NUMBER 954.535.5100		6c. E-MAIL ADDRESS Erin.Emmons@kimley-horn.com		
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER
6b. SMALL BUSINESS STATUS No			7. NAME OF FIRM (If block 2a is a branch office)	

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	315	3	A05	Airports; Nav aids; Airport Lighting; Aircraft	6
12	Civil Engineers	1555	35	A06	Airports; Terminals; & Hangars; Freight Handling	5
13	Communications Engineers	31	2	C10	Commercial Building; (low rise); Shopping	4
15	Construction Inspectors	12	1	C12	Communications Systems; TV; Microwave	3
63	Design Technicians	95	2	F05	Forensic Engineering	3
26	Forensic Engineers	2	1	G01	Garages; Vehicle Maintenance Facilities; Parking	4
47	Planners: Urban/Regional	99	2	H07	Highways; Streets; Airfield Paving; Parking Lots	5
48	Project Managers	160	2	H11	Housing (Residential, Multifamily, Apartments,	4
65	Technical Support	322	5	H09	Hospitals & Medical Facilities	3
58	Technician/Analysts	589	9	H10	Hotels; Motels	2
60	Transportation Engineers	326	9	I04	Intelligent Transportation Systems	5
62	Water Resources Engineers	68	1	L03	Landscape Architecture	3
				P05	Planning (Community; Regional; Areawide &	3
				P12	Power Generation, Transmission, Distribution	2
				R03	Railroad and Rapid Transit	6
				R04	Recreational Facilities (Parks; Marinas; etc.)	4
				S01	Safety Engineering; Accident Studies; OSHA	3
				S04	Sewage Collection, Treatment & Disposal	3
				S13	Stormwater Handling & Facilities	2
				T03	Traffic & Transportation Engineering	6
	Other Employees	699	0	U02	Urban Renewals; Community Development	4
	Total	4273	72	W03	Water Supply; Treatment and Distribution	2

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	1	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	8	2. \$100,000 to less than \$250,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
c. Total Work	8	3. \$250,000 to less than \$500,000			
		4. \$500,000 to less than \$1 million			
		5. \$1 million to less than \$2 million			

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	i. DATE July 20, 2020
c. NAME AND TITLE Ashley Miele, P.E., Project Manager	

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)

No. 2020-58

PART II – GENERAL QUALIFICATIONS

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

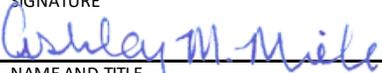
2a. FIRM (OR BRANCH OFFICE) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 1985	13. DUNS NUMBER 061099131
2b. STREET 200 South Tryon Street, Suite 200			5. OWNERSHIP	
2c. CITY Charlotte	2d. STATE NC	2e. ZIP CODE 28202	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Matthew Shoesmith, P.E., Engineer / Integrated Water			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 704.333.5131	6c. E-MAIL ADDRESS matthew.shoesmith@kimley-horn.com			
8a. FORMER FIRM NAME(S) (if any)			8b. YR. ESTABLISHED	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	315	1	A06	Airports; Terminals; & Hangars; Freight Handling	2
12	Civil Engineers	1557	23	B02	Bridge Design	3
13	Communications Engineers	31	1	C10	Commercial Building; (low rise); Shopping	7
63	Design Technicians	95	4	D07	Dining Halls; Clubs; Restaurants	3
23	Environmental Engineers	15	2	E02	Educational Facilities; Classrooms	2
24	Environmental Scientists	34	2	E09	Environmental Impact Studies, Assessments or	2
66	Graphic Designers	60	1	G01	Garages; Vehicle Maintenance Facilities; Parking	2
34	Hydrologists	8	1	H07	Highways; Streets; Airfield Paving; Parking Lots	6
39	Landscape Architects	118	2	H09	Hospitals & Medical Facilities	4
47	Planners: Urban/Regional	100	4	H11	Housing (Residential, Multifamily, Apartments,	5
65	Technical Support	322	4	L03	Landscape Architecture	3
64	Technical Writers	139	7	O01	Office Building; Industrial Parks	4
58	Technician/Analysts	591	16	P05	Planning (Community; Regional; Areawide &	4
60	Transportation Engineers	326	19	R03	Railroad and Rapid Transit	4
62	Water Resources Engineers	68	5	R04	Recreational Facilities (Parks; Marinas; etc.)	4
				S04	Sewage Collection, Treatment & Disposal	2
				S10	Surveying; Platting; Mapping; Flood Plain Studies	2
				S13	Stormwater Handling & Facilities	5
				T03	Traffic & Transportation Engineering	5
				U02	Urban Renewals; Community Development	4
	Other Employees	499	0	W02	Water Resources; Hydrology; Ground Water	4
	Total	4278	92	W03	Water Supply; Treatment and Distribution	4

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	1	1. Less than \$100,000
b. Non-Federal Work	8	2. \$100,000 to less than \$250,000
c. Total Work	8	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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	k. DATE July 20, 2020
c. NAME AND TITLE Ashley Miele, P.E., Project Manager	



ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If Any)
No. 2020-58

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME
ASRus, LLC

2b. STREET
13329 N. Armenia Avenue

2c. CITY
Tampa

2d. STATE
FL

2e. ZIP CODE
33613

3. YEAR ESTABLISHED
2006

4. DUNS NUMBER
--

5. OWNERSHIP
Corporation

a. TYPE
SBE, MBE (Asian), and WOSB (55% female owned)

b. SMALL BUSINESS STATUS
SBE, MBE (Asian), and WOSB (55% female owned)

6a. POINT OF CONTACT NAME AND TITLE
Mark B. McNeal, P.G., Chief Executive Officer

6b. TELEPHONE NUMBER
813.765.7942

6c. E-MAIL ADDRESS
mmcneal@ASRus.net

7. NAME OF FIRM (If block 2a is branch office)
N/A

8a. FORMER FIRM NAME(S) (If any)

8b. YR. ESTABLISHED

8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code
		(1) FIRM	(2) BRANCH	
02	Administrative	1		YEAR
W02	Water Resources, Hydrology, Ground Water	8		2015
				2016
				2001
				7
				2018
				2019
				Total
		8		

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL REVENUE FOR LAST 5 YEARS

b. Experience	c. Revenue Index Number (see below)
Water Resources, Hydrology, Ground Water	4
Water Resources, Hydrology, Ground Water	4
Water Resources, Hydrology, Ground Water	5
Water Resources, Hydrology, Ground Water	5
Water Resources, Hydrology, Ground Water	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work 1

b. Non-Federal Work 5

c. Total Work 5

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- Less than \$100,000
- \$100,00 to less than \$250,000
- \$250,000 to less than \$500,000
- \$500,000 to less than \$1 million
- \$1 million to less than \$2 million
- \$2 million to less than \$5 million
- \$5 million to less than \$10 million
- \$10 million to less than \$25 million
- \$25 million to less than \$50 million
- \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE

07/06/2020

c. NAME AND TITLE

Mark B. McNeal, Chief Executive Officer

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

RFP No. 2020-51

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (or Branch Office) NAME EarthBalance Corporation			3. YEAR ESTABLISHED 1985	4. UNIQUE ENTITY IDENTIFIER 61-4631190
2b. STREET 2570 Commerce Parkway			5. OWNERSHIP	
2c. CITY North Port	2d. STATE FL	2e. ZIP CODE 34289	a. TYPE Corporation +	
6a. POINT OF CONTACT NAME AND TITLE Amber Halstead, Biologist			b. SMALL BUSINESS STATUS	
6b. TELEPHONE NUMBER (941) 426-7878			6c. E-MAIL ADDRESS ahalstead@earthbalance.com	
8a. FORMER FIRM NAME(S) <i>(If any)</i> Florida Environmental, Inc.			8b. YEAR ESTABLISHED 1985	8c. UNIQUE ENTITY IDENTIFIER 61-4631190

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
02	Administrative	12	10		Environmental Consulting	3
07	Biologist	1	1		- Wetlands	2
29	GIS Specialist	1	1		- Wildlife	2
48	Project Manager	4	3		- Mitigation	2
					- Permit Compliance	2
					Ecosystem Restoration	8
					- Invasive Plant Management	7
					- Coastal Restoration	6
					- Pre-Commercial Thinning	2
					- Native Planting and Seeding	7
					- Wetland Mitigation Mgmt.	3
					- Mangrove Trimming	2
					- Aquatic Management Services	1
	Other Employees	58	20			
	Total	76	35			

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE Cristine Borowski	b. DATE 06/30/2020
c. NAME AND TITLE Cristine Borowski, Vice President of Business Management	

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

No. 2020-58

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (or Branch Office) NAME Universal Engineering Sciences, LLC - Sarasota Branch			3. YEAR ESTABLISHED 1966	4. UNIQUE ENTITY IDENTIFIER 06-481-7562
2b. STREET 1748 Independence Blvd.			5. OWNERSHIP	
2c. CITY Sarasota	2d. STATE FL	2e. ZIP CODE 34234	a. TYPE Limited Liability Company	
6a. POINT OF CONTACT NAME AND TITLE Robert Gomez, PE - Branch Manager			b. SMALL BUSINESS STATUS N/A	
6b. TELEPHONE NUMBER (941) 358-7410		6c. E-MAIL ADDRESS rgomez@universalengineering.com		
8a. FORMER FIRM NAME(S) (If any) Universal Engineering Testing Company			8b. YEAR ESTABLISHED 1964	8c. UNIQUE ENTITY IDENTIFIER 06-481-7562

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	103	5		Asbestos Abatement/Services	4
48	Project Manger	53	2		Environmental Impact Studies	6
07	Biologist	0	0		Environmental Remediation	5
08	CADD Technician	8	1		Environmental Testing & Analysis	5
12	Civil Engineer	0	0		Forensic Engineering	4
15	Construction Inspector	164	5		Haz/Toxic Waste Remediation	5
18	Estimator	2	0		Soils&Geologic Studies/Foundation	8
23	Environmental Engineer	0	0		Testing & Inspection Services	9
24	Environmental Scientist	29	1		Water Resources & Ground Water	4
26	Forensic/Geo Engineer	0	0		Code Compliance & Threshold Ins.	6
27	Foundation/Geo Engineer	52	5			
30	Geologist	6	0			
34	Hydrologist	0	0			
36	Industrial Hygienist	0	0			
40	Material Engineer	0	0			
55	Soils Engineer	28	1			
57	Structural Engineer	2	0			
	Engineering Tech I & II	260	10			
	Lab Technicians/Supervisor	57	4			
	Driller	84	6			
	Other Employees	81	1			
Total		929	41			

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	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	10	2. \$100,000 to less than \$250,000	9. \$25 million to less than \$50 million	10. \$50 million or greater	
c. Total Work	10	3. \$250,000 to less than \$500,000			
		4. \$500,000 to less than \$1 million			
		5. \$1 million to less than \$2 million			

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 6/18/20
c. NAME AND TITLE Robert Gomez, PE - Branch Manager	



3 — KEY PERSONNEL/QUALIFICATIONS OF THE TEAM

The City of North Port has undergone some significant changes over the past several years. With various projects such as neighborhood utility extensions, new wastewater and water treatment plants and a new utilities building underway. It's clear that the City will need a consultant team that can navigate the wide-ranging responsibilities and challenges presented by this contract with a clear, visionary approach, as well as a proactive partner who is familiar with the local community and your goals. *Kimley-Horn's longstanding experience with similar projects and communities in Florida provides North Port with unmatched service, responsiveness, and essential local knowledge.* Many team members from this team are currently serving or have served the City of North Port in addition to other local entities such as City of Venice, Englewood Water District, City of Sarasota, Town of Longboat Key and both Sarasota and Manatee counties for several years. Since we are structured to allow for long-term commitments of specific personnel to serve a client's needs, we can make the commitment to North Port that the team members listed in the organization chart will be the same team of local, dedicated professionals who will serve the City for the duration of the contract—there is no revolving door of staff.

Kimley-Horn is pleased to present the qualifications of our project team, offering North Port the seamless combination of relevant local experience in a wide variety of services and proven project cost control management techniques. Our employees as well as our sub-consultants are sincere, reliable, and professional with the drive and fervor to initiate innovative methods and solutions to your requests. We are confident that we can offer you quality customer service with the most beneficial outcome, and we sincerely want to serve you on this important contract.

We have organized our core team to ensure a high level of responsiveness to the City in terms of exceptional local interaction and support and extensive technical experience in the disciplines you require. As shown in the organizational chart, we have identified team leaders for each discipline. We understand the significance and importance of this contract and feel that an approach of having these leaders will provide maximum responsiveness and service to the City. Each team leader has well over a decade of experience in their respective field and are considered and have proven to be a specialist in their role. Their specific roles, educational background, and qualifications for this contract are outlined below.



Ashley Miele, P.E.

Client/Project Manager; Lead: Pipeline Design and Permitting

Firm: Kimley-Horn and Associates, Inc.

Education: Bachelor of Science, Environmental Engineering, Roger Williams University

Registrations: Professional Engineer, Florida

Overview: Ashley has over 18 years of experience in project design, project management, and construction management with environmental, wastewater and water engineering projects. Her expertise includes large diameter transmission and distribution mains, pumping systems, hydraulic analyses, route and feasibility studies, and permitting with all agencies. She has worked for both public and private industries and understands the importance of project schedules, budgets, team coordination, and quality control.

Related Project Experience: Myakkahatchee Creek Water Treatment Plant to Ortiz Boulevard Water Transmission Main, North Port, FL; San Mateo Drive Water Distribution Main, North Port, FL; Southwest Water Treatment Plant, North Port, FL; Southwest Wastewater Reclamation Facility, North Port, FL; Aquifer Storage Recover Well #1 Rehabilitation, Englewood, FL; Sarasota County Peace River Interconnect and Pump Station 3 Improvements, Sarasota, FL; Southwest Booster Pump Station and Ground Storage Tank, North Port, FL; North County Regional Water Reclamation Facility (NCRWRF) Flow Equalization Tank, Manatee County, FL; Southeast Water Reclamation Facility (SEWRF) Storage Lakes and Reclaimed Pump Back Station Improvements, Manatee County, FL

Other Skills and Services: ✓ Hydraulic Modeling ✓ Master Planning ✓ Pipeline Rehabilitations ✓ Pumping Stations and Storage ✓ Vacuum Sewer Design ✓ FDOT Utility Relocations ✓ Permitting ✓ Construction/CEI Services



Gary Nadeau, P.E.

Principal-in-Charge

Firm: Kimley-Horn and Associates, Inc.

Education: Bachelor of Science, Civil Engineering, University of Hartford; Master of Science, Civil Engineering, California State University

Registrations: Professional Engineer, Florida

Overview: Gary has 29 years of experience providing transportation design, management, and construction oversight services for a variety of transportation and utility relocation improvement projects ranging from interstate fly overs to local roundabouts. During the course of his career, he has designed well over 300 miles of infrastructure improvement projects and brings a hands-on project management and design approach to every project assignment, specifically those dealing with Florida Department of Transportation (FDOT). He specializes in resurfacing and rehabilitation projects and has a strong expertise in pavement rehabilitation strategies and design approaches.

Related Project Experience: Honore Ashton Roundabout and Utility Relocations, Sarasota, FL; Gulfstream Roundabout and Utility Relocations, Sarasota, FL; US 41 and River Road Intersection Improvements, North Port, FL; WCS 106, North Port, FL; West Villages Parkway, North Port, FL; Sumter Boulevard Improvements, Phases II and III, North Port, FL

Other Skills and Services: ✓ FDOT Utility Relocations ✓ Permitting ✓ Construction/CEI Services



Doug Eckmann, P.E., BCEE, D.WRE, D.ASCE

QA/QC; Lead: Surface Water Treatment

Firm: Kimley-Horn and Associates, Inc.

Education: Bachelor of Science, Mechanical Engineering, Northwestern University; Master of Business Administration, Economics, St. Edward's University

Registrations: Professional Engineer in Florida; Board Certified Environmental Engineer in Water and Wastewater Engineering & Diplomate – American Academy of Environmental Engineers and

Scientists (AAEES); Board Certified Water Resource Engineer & Diplomate – American Academy of Water Resource Engineers (AAWRE)

Overview: Doug has 40 years of experience in funding, planning, permitting, design and construction of water related infrastructure projects for public utilities. He has served as the program and project manager, and technical director, on over \$450 million of water and wastewater related capital projects just in southwest Florida. These projects include public water supply, treatment, storage, and distribution, wastewater collection, treatment and reuse. He is a Board-Certified Environmental Engineer in Water and Wastewater and a Board-Certified Water Resource Engineer.

Related Project Experience: Water Supply Facilities 10-Year Work Plan 2017 Update, City of North Port, FL; Southwest Wastewater Reclamation Facility Consultant Peer Review, City of North Port, FL; Peace River Manasota Regional Water Supply Authority, Peace River Facility, Desoto County, FL (multiple projects); T. Mabry Carlton Jr. Reserve Water Treatment Plant and Wellfield Collection System, Sarasota County, FL

Other Skills and Services: ✓ Master Planning ✓ Pipeline Rehabilitations ✓ Pumping Stations and Storage ✓ Water and Wastewater Treatment Facility Expansions and Rehabilitation ✓ Permitting ✓ Construction/CEI Services



Mark Miller, P.E.

Lead: Membrane Treatment

Firm: Kimley-Horn and Associates, Inc.

Education: Bachelor of Science, Ocean Engineering, Florida Institute of Technology; Master of Engineering, Civil Engineering, University of Florida

Registrations: Professional Engineer, Florida

Overview: Mark is a senior water treatment specialist with 34 years of experience. His principal areas of practice include design, permitting, construction, and operations of water and wastewater systems, including pump stations, treatment plants, and distribution systems. He is responsible for the design, construction management, and start-up of numerous membrane water treatment plants. He has provided design and construction phase services of several specialty water systems, including ion exchange treatment, filter systems, membrane pilot studies, SCADA system integration, and operational testing of numerous municipal treatment systems.

Related Project Experience: Southwest Water Treatment Plant, North Port, FL; Brackish Water Reverse Osmosis Water Treatment Plant Design/Build, Jupiter Island, FL; Tropical Farms Floridan Wells and Raw Water Main Addition, Stuart, FL; Emerging Contaminants (PFAS's) Treatment and Implementation, Stuart, FL; Indian River County Oslo Road South Reverse Osmosis Brackish Water Treatment Plant Modifications, Vero Beach, FL

Other Skills and Services: ✓ In-line Pump Stations ✓ High Salinity Groundwater Treatment ✓ Reverse Osmosis Facility Design ✓ Water and Wastewater Treatment Facility Expansions and Rehabilitation ✓ Biological Process Modeling



Steve Romano, P.E.

QA/QC; Lead: Wastewater Treatment

Firm: Kimley-Horn and Associates, Inc.

Education: Bachelor of Science, Environmental Engineering, University of Central Florida

Registrations: Professional Engineer, Florida

Overview: Steve has more than 24 years of experience. He has worked on numerous wastewater facilities over the years. He has designed package systems in new development areas, as well as major facility expansions to existing systems. He has worked on every aspect of a wastewater facility, including headworks, equalization, biological treatment, clarification, filtration, disinfection, digestion, and disposal. Steve has implemented new reclaimed systems for multiple utilities and expanded many other systems.

Related Project Experience: Southwest Wastewater Reclamation Facility, North Port, FL; Wekiva Hunt Club Water Reclamation Facility Reliability Improvements, Apopka, FL; Manatee County Southeast Water Reclamation Facility Internal Recycle Pump Replacement and Headworks Rehabilitation, Bradenton, FL; Condition Assessment and Facility Evaluation of Wastewater Facilities 1 and 2, Mount Dora, FL; North County Regional Water Reclamation Facility Flow Equalization Tank, Manatee County, FL; Southeast Water Reclamation Facility (SEWRF) Storage Lakes and Reclaimed Pump Back Station Improvements, Manatee County, FL

Other Skills and Services: ✓ Asset Management Planning ✓ Wastewater Treatment Plant Design and Rehabilitation ✓ Effluent Disposal ✓ Pump Stations and Storage ✓ Deep Injection Wells ✓ Condition Assessment ✓ Permitting



Lance Littrell, P.E.

Lead: Indirect and Direct Potable Reuse

Firm: Kimley-Horn and Associates, Inc.

Education: Master of Business Administration, University of Central Florida; Bachelor of Science, Mechanical Engineering, Old Dominion University

Registrations: Professional Engineer, Florida and Ohio

Overview: Lance has 19 years of experience, including the design, project management, construction oversight, and fabrication of reverse osmosis and ultrafiltration water treatment plants for municipal utilities. In addition, Lance serves on the Board of Directors of the Southeast Desalting Association (SEDA) and is the three-time recipient of one of its Distinguished Service Awards. Lance has worked closely with the leadership of FDEP's Drinking Water Program to develop guidance for FDEP's administration of chlorine dioxide to be used as a pioneering alternate disinfectant to chlorine or chloramines.

Related Project Experience: Southwest Water Treatment Plant (SWWTP), North Port, FL; Water Treatment Plant No 11 Membrane Replacement Pilot Study, Palm Beach County, FL; Water Facilities Plan and Drinking Water Master Plan, Davenport, FL; Lead and Copper Corrosion Study at Water Treatment Plants 2, 3, 8, & 9, Palm Beach County, FL; Emerging Contaminants (PFA's) Treatment and Implementation, Stuart, FL

Other Skills and Services: ✓ Treatment Facility Master Planning ✓ Blended Water Supply Analysis ✓ PFSAS's Treatment ✓ Reverse Osmosis Facility Design



Chuck Starling, P.E.

Lead: Pump Stations and Storage

Firm: Kimley-Horn and Associates, Inc.

Education: Bachelor of Science, Civil Engineering, University of South Alabama; Bachelor of Science, Microbiology, Auburn University

Registrations: Professional Engineer, Florida, Alabama, Mississippi, and Louisiana

Overview: Chuck has over 22 years of experience serving as project manager and project engineer on a variety of utility engineering projects, including pump station design, force main design, condition assessment programs, pump station assessment and rehabilitation, I/I rehabilitation programs, and various treatment plant design/improvement projects. Chuck manages projects, planning, design, quality assurance reviews, and construction coordination.

Related Project Experience: Jackson County Utility Authority Regional State Revolving Fund (SRF) Tucker Road Pump Station 6, Pascagoula, MS; Southwest Wastewater Reclamation Facility, North Port, FL; North County Regional Water Reclamation Facility (NCRWRF) Flow Equalization Tank, Manatee County, FL; Southeast Water Reclamation Facility (SEWRF) Storage Lakes and Reclaimed Pump Back Station Improvements, Manatee County, FL

Other Skills and Services: ✓ Wastewater System Master Planning ✓ Wellfield Evaluation ✓ RAS/WAS Pump Stations ✓ Hydraulic Modeling ✓ Effluent Disposal



Heather Ripley, P.E.

Lead: Utility Relocations and Construction Phase Services/CEI

Firm: Kimley-Horn and Associates, Inc.

Education: Master of Engineering, Environmental Engineering, Penn State University; Bachelor of Science, Civil Engineering, The Ohio State University

Registrations: Professional Engineer, Florida, Pennsylvania, Ohio, Texas



Overview: Heather has more than 12 years of water and wastewater experience, including planning, design, utility relocations, construction administration, and analyses. Her areas of experience and expertise expand to hydraulic and water quality modeling, design and analysis of water distribution and wastewater collection systems, engineering feasibility studies, funding applications and administration, project management, master planning, permitting and construction phase services. She has provided support to the City of North Port Utilities projects by integrating the City's water distribution system model into a different software and analyzing the metering patterns of the water customers along with studying the distribution operations. In addition, she has provided design and construction services to utilities and provided hydraulic analyses of water and wastewater systems across the country. This helps to determine the effects of water transmission, distribution systems, water supply, and storage for required system improvements to maintain the level of service. Heather's experience also includes project management execution and budget preparation, as well as managing CIPs.

Related Project Experience: Southwest Water Treatment Plant, North Port, FL; San Mateo Water Distribution Main, North Port, FL; Sarasota County Peace River Interconnect and Pump Station 3 Improvements, Sarasota, FL; Legacy Trail Extension, Sarasota, FL; Colony Cove, Manatee County, FL, Gulfstream Roundabout and Utility Relocations, Sarasota, FL

Other Skills and Services: ✓ Constructability Reviews ✓ Hydraulic Modeling ✓ Utility Relocations ✓ Master Planning ✓ Permitting ✓ Pumping Stations and Storage



Lewis Bryant, P.E.

Lead: Master Planning and Hydraulic Modeling

Firm: Kimley-Horn and Associates, Inc.

Education: Master of Business Administration, University of Florida; Master of Science, Civil Engineering, University of Florida; Bachelor of Civil Engineering, University of Florida; Bachelor of Science, Technology (Nuclear), Regents College

Registrations: Professional Engineer, Florida

Overview: Lewis has more than 20 years of experience with municipal utility engineering, including utility relocation, master planning, distribution system design, hydraulic computer modeling and analysis, and construction phasing and inspections. He is a skilled project manager for utility relocation/expansion projects, water and wastewater treatment facilities design, facility expansion plans, capacity analysis reports, and water use permits.

Related Project Experience: Southwest Wastewater Reclamation Facility, North Port, FL; Babcock Ranch Community Watershed Master Plan, Charlotte and Lee Counties, FL; Belleview Septic to Sewer Master Planning Study, Belleview, FL; Water and Wastewater Utility Master Plan, Dunnellon, FL; Lakes Wales SR 60 Five-Mile Utilities Extension, Lake Wales, FL; North County Regional Water Reclamation Facility (NCRWRF) Flow Equalization Tank, Manatee County, FL; Southeast Water Reclamation Facility (SEWRF) Storage Lakes and Reclaimed Pump Back Station Improvements, Manatee County, FL

Other Skills and Services: ✓ Master Planning ✓ Pipeline Rehabilitations ✓ Pumping Stations and Storage ✓ Wastewater Treatment ✓ Construction/CEI Services ✓ Coordination for Grant Funding



Kelley Klepper, AICP

Lead: Planning

Firm: Kimley-Horn and Associates, Inc.

Education: Master of Arts, Geography and Urban Planning, East Tennessee State University; Bachelor of Science, Psychology, East Tennessee State University

Registrations: American Institute of Certified Planners, #014572

Overview: Kelley has 28 years of planning experience, including a thorough knowledge of comprehensive planning, growth management, public policy, form based codes, DRIs, budgeting, urban growth



boundaries and management, code updates, small/special area plans, transportation, development-related issues facing growing communities, and urban/rural design. He has successfully worked with the Department of Economic Opportunity and other governmental agencies. In addition, he is experienced in coordinating and conducting public meetings, presentations and charrettes.

Related Project Experience: City of Venice Comprehensive Plan, Venice, FL; Land Development Code Update, Venice, FL; Delray Beach 10-Year Water Treatment Master Plan, Delray Beach, FL; Lakes District Visioning and Land Use Plan, Auburndale, FL

Other Skills and Services: ✓ Land Planning ✓ Level of Service ✓ Comprehensive Plan Updates ✓ Population Projections ✓ Land Development Code



Erin Emmons, GISP

Lead: GIS

Firm: Kimley-Horn and Associates, Inc.

Education: Bachelor of Science, Urban and Regional Planning, Florida Atlantic University; Graduate Certificate in Geographic Information Science (GIS), University of West Florida

Registrations: GIS Professional (GISP)

Overview: Erin has 15 years of experience as a community planner, with a specialty focus in GIS, GPS mapping and data collection, data configuration, and database development for asset management. She is a project manager for GIS Enterprise and ArcGIS Online administration, development and implementation of web and mobile GIS based interactive applications, including Story Maps and interactive public engagement applications and Dashboards. Erin manages the development and implementation of customized applications and Esri off-the-shelf solutions, as well as integration of third-party applications.

Related Project Experience: Drainage GIS Data Conversion, Miami Lakes, FL; Lakeview District Water and Sewer Master Plan, Medley, FL; Village of Pinecrest On-Call GIS Services, Pinecrest, FL; Delray Beach 10-Year Water Treatment Master Plan, Delray Beach, FL; Sanitary Sewer GIS Data Conversion, North Bay Village, FL

Other Skills and Services: ✓ Asset Management ✓ Mobile Applications ✓ Records Conversion ✓ Public Involvement ✓ Master Planning



Ty Gremaux, P.E.

Lead: Site/Civil

Firm: Kimley-Horn and Associates, Inc.

Education: Bachelor of Science, Civil Engineering, Rose-Hulman Institute of Technology

Registrations: Professional Engineer, Florida

Overview: Ty has 15 years of experience in design of civil infrastructure for a variety of projects, including stormwater management and treatment systems, potable and reclaimed water distribution systems, wastewater collections, roadway, residential, and commercial site development; permitting; drainage system modeling; roadway and parking facilities; and ADA compliance. He has knowledge and experience reviewing, comparing, and field verifying surveys and legal descriptions for completeness and consistency. He has experience with permitting procedures and land development regulations of local municipalities and regulatory agencies.

Related Project Experience: Southwest Wastewater Reclamation Facility, North Port, FL; Southwest Water Treatment Plant, North Port, FL; West Villages Improvement District Reclaimed Water Transmission Main Expansion, North Port, FL; Lakewood Ranch Boulevard Extension and Water Main Extension, Sarasota, FL; City of North Port US 41 Gateway Monuments, North Port, FL

Other Skills and Services: ✓ Stormwater Modeling ✓ Permitting ✓ Development Review ✓ Lift Station Design ✓ Construction Services



Seth Schmid, P.E.

Lead: Structural

Firm: Kimley-Horn and Associates, Inc.

Education: Bachelor of Science, Civil Engineering, University of Florida; Master of Science, Structural Engineering, University of Florida

Registrations: Professional Engineer, Florida and Alabama

Overview: Seth has 24 years of experience involving structural evaluation, design, and repair of bridges, roadways, parks, airports, buildings, infrastructure, foundations, supports, and water control structures. He has been involved in all aspects of engineering projects from project management and conceptual planning to design, permitting, and construction administration. Some of Seth's more notable projects include the design of a 7,500-square-foot reverse osmosis building, the design of a 40-foot by 80-foot masonry chlorine storage building, design of reinforced concrete tanks for wastewater treatment, and the design of several large water control structures.

Related Project Experience: Southwest Wastewater Reclamation Facility, North Port, FL; Southwest Water Treatment Plant Well Sites, North Port, FL; Multiple Water Control Structures, North Port, FL; Manatee County Southeast Water Reclamation Facility Storage Lakes and Reclaimed Pump Back Station Improvements, Manatee County, FL; Oxford Water Treatment Plant Design, Wildwood, FL; North County Regional Water Reclamation Facility (NCRWRF) Flow Equalization Tank, Manatee County, FL

Other Skills and Services: ✓ Condition Assessment ✓ Construction Administration ✓ Forensics ✓ Process Tank Design

Mark B. McNeal, P.G.

Firm: ASRus, LLC

Education: Bachelor of Science, Engineering Geology, Brigham Young University

Registrations: Professional Geologist, Florida

Overview: Mark McNeal has published dozens of publications on water supply, reuse, and aquifer storage and recovery (ASR). He has also actively participated in FDEP rulemaking in many areas, including underground injection control (UIC), reuse, and concentrate disposal rulemaking activities. He is a recognized state and national expert in these areas.

Related Project Experience: Potable Water ASR and TAP Programs, City of Tampa, FL; Southwest Wastewater Reclamation Facility Deep Injection Well, North Port, FL; Potable Water ASR Program, Peace River Manasota Regional WSA, DeSoto County, FL; Reclaimed Water ASR Program, Polk County Utilities, FL; City of St. Petersburg Disposal Capacity Increase, FL

Russell Hyatt, PSM

Firm: Hyatt Survey Services, Inc.

Education: Bachelor of Science, Surveying and Mapping, University of Florida

Registrations: Professional Surveyor and Mapper, Florida

Overview: Russell Hyatt began his career in surveying and mapping in July 1986. In 1990, after graduating from the University of Florida in Gainesville with a Bachelor's Degree in Surveying and Mapping, Russell became a licensed Professional Surveyor and Mapper. Continuing his work experience, from May 1990 to November 2002, Russell performed the duties of Party/Crew Chief, Project Surveyor and Project Manager before his years of experience and proven expertise in the industry would then promote him to President with his previous employer. In November 2002, Russell joined Hyatt Survey as Vice President and is responsible for sales and marketing, contract administration, project budgeting and overall project management. Russell's duties also include the production of boundary, hydrographic and topographic surveys and extensive experience in providing survey services to local, State and Federal agencies.

Related Project Experience: Second Forcemain under I-75 (CIP), City of Venice, FL; Second Forcemain under I-75 (CIP), City of Venice, FL; Lakewood Ranch Blvd. Extension, Sarasota County, FL; City of St. Petersburg Lift Stations 11,13,14 & 15, City of St. Pete Beach, FL; Myakkahatchee Creek Water Treatment Plant to Ortiz Boulevard Water Transmission Main, North Port, FL; San Mateo Drive Water Distribution Main, North Port, FL



Tracy Prokopetz, P.E.

Firm: RKS Consulting Engineers, Inc.

Education: Bachelor of Science/Electrical Engineering; Michigan Technological University

Registrations: Professional Engineer, Florida

Overview: Tracy has over 18 years of experience in a variety of phases of electrical engineering analysis and design. Her education originated around a concentration on Power and Machinery analysis and design. She is versed in design of power distribution, emergency power generation, exterior/interior lighting, radio telemetry, instrumentation and control systems. Her experience includes engineering electrical systems for municipal water/wastewater treatment plants, wastewater collection pump stations, raw water wellfields and reclaimed water distribution and storage systems. She has experience in all phases of project management including production, coordination and management, and construction supervision.

Related Project Experience: Lee County Utilities Wastewater Pumping Station Standards Development; Lee County Utilities Pinewoods Master Pump Station; Lee County Utilities Fiesta Village AWWTP Switchgear and Generator Replacement

Robert Gomez, P.E.

Firm: Universal Engineering Sciences, LLC

Education: Bachelor of Science, Civil Engineering, University of South Alabama

Registrations: Professional Engineer, Florida

Overview: Robert Gomez has 24 years of experience in geotechnical engineering and the construction industry. As a branch manager and geotechnical engineer, Robert's responsibilities include project management, interpretation and analysis of field and laboratory data, engineering analysis and evaluation of foundation design, pavement design and evaluation, groundwater modeling, client communication, and report preparation. He also has extensive experience in laboratory material testing, field inspection, and quality assurance of earthwork and concrete construction.

Related Project Experience: Westminister Shores, Phase II, St. Petersburg, FL; The Vinoy Renaissance, Phase II, Proposed Parking Garage & Fitness Center Renovations and Additions, St. Petersburg, FL; Career Academies of Seminole, Classroom and Administration Building, Seminole, FL; Cypress Woods Elementary School, Palm Harbor, FL; University Town Center Mall, Sarasota County, FL

Amber Halstead

Environmental Consultant

Firm: EarthBalance Corporation

Education: Bachelor of Science, Environmental Science, Florida State University; Master of Science, Coastal Environmental Management, Duke University

Registrations: FWC Authorized Gopher Tortoise Agent

Overview: Amber Halstead is an environmental scientist with EarthBalance and is based out of their corporate office located in North Port, Florida. Amber has experience conducting environmental assessments and permitting projects in the City of North Port. She regularly provides environmental evaluations for permitting activities through the Southwest Florida Water Management District, and the Army Corps of Engineers. She is involved in the federal permitting of mitigation banks and oversees the environmental permitting operations of the Manasota Regional Water Supply Authority.

Related Project Experience: Bee Ridge Water Treatment Facility Expansion, Sarasota, FL; Warm Mineral Springs Environmental Park; Boran Ranch Delineation and Protected Species Assessment, Arcadia, FL

Standard Form 330 Section E

Kimley-Horn team's Standard Form 330 Section E is provided at the end of this section.

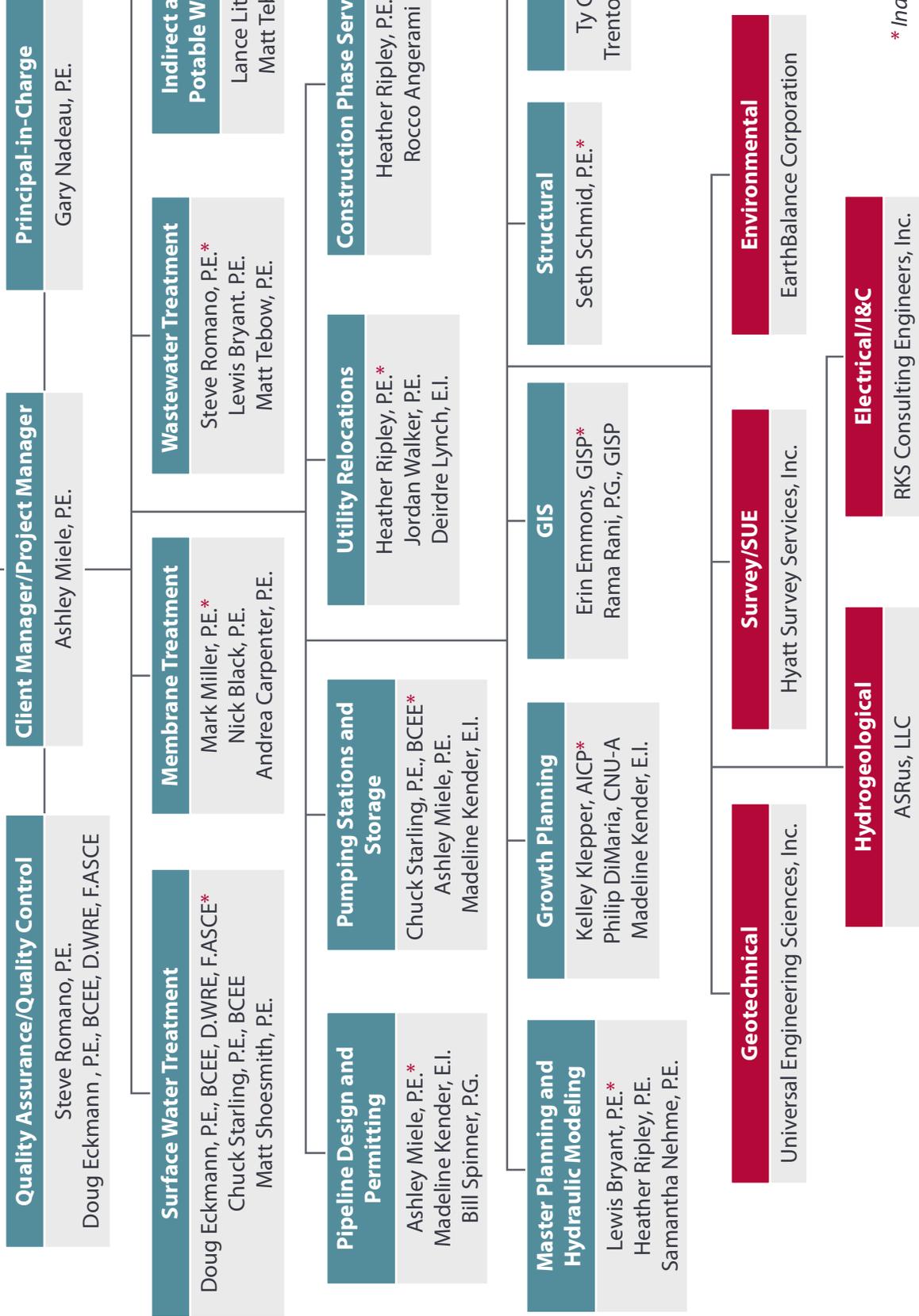


Professional Engineering Services



Continuing Services Contracts

for City of North Port Utilities Department | Request for Proposal No. 2020-58



* Indicates team leader

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Ashley Miele, P.E.	13. ROLE IN THIS CONTRACT Client Manager; Lead: Pipeline Design & Permitting	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION <i>(City and State)</i> Kimley-Horn and Associates, Inc., Sarasota, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Environmental Engineering / Roger Williams University, Bristol, RI		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 66476 / 2007	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Ashley is a senior project manager with more than 18 years of project design, project management, and construction management experience with environmental wastewater and water engineering projects. Her expertise includes design and management of water and wastewater infrastructure, pumping systems, subsurface utility relocation and permitting, hydraulic analyses, and feasibility studies. She has extensive experience with permitting through all agencies, including FDEP, SWFWMD, FDOT, and ACOE and provides construction phase services, including contractor solicitation, bid analyses, management recommendations, site construction management, and quality control. She has worked for both public and private industries and understands the importance of project schedules, budgets, team coordination, and quality control.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	North Port Water Transmission Main from Myakkahatchee Creek Water Treatment Plant to Ortiz Blvd., North Port, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager and Engineer of Record. Kimley-Horn provided design, permitting, and bid phase services for 9,500 linear feet of a 16-inch water transmission main. The pipeline was designed to limit surface restoration to the newly constructed FDOT multi-use path along U.S. 41. Kimley-Horn worked closely with City staff and utility providers to determine the pipeline alignment, limit impacts to residents and businesses, and avoid impacts to existing utilities along the project corridor. The pipeline will be constructed using open-cut and a series of horizontal directional drill, the most notable drill being a segment perpendicular to the Myakkahatchee River adjacent to a bridge structure in FDOT right-of-way. Additional services include coordination and liaison with multiple agencies and stakeholders. Project Cost: \$338K		<input checked="" type="checkbox"/> Check if project performed with current firm
b.	North Port Engineering Services for Water Distribution Main on San Mateo Drive from Price Blvd. to Hillsborough Blvd.; North Port, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager and Engineer of Record. North Port Utilities retained Kimley-Horn for design, bid, and construction phase services for a 10-inch water distribution main, approximately 15,800 linear feet in length, along San Mateo Drive from Price Boulevard to Adelaide Ave. The water main will be constructed within the right-of-way along the west side of San Mateo Drive, adjacent to the Public Works planned San Mateo sidewalk project, and will be constructed in a single phase estimated to begin in Winter 2020. Kimley-Horn is also evaluating NPU's InfoWater hydraulic model and providing model updates and calibration services, working closely with City engineers and operators for system improvements and controls information. Project Cost \$479K		<input checked="" type="checkbox"/> Check if project performed with current firm
c.	Sarasota County Peace River Interconnect and Pump Station 3 Improvements, Sarasota, FL	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

Project manager. The Kimley-Horn team was selected to provide design and construction phase services for 5 miles of 30-inch and 36-inch potable water transmission main that connects to the termination point of Phase 3B and runs west along Clark Road and northwest along Proctor Road to Pump Station Number 5. The route includes various wetlands; critical crossings such as Cow Pen Slough, Philippi Creek, and Interstate I-75; and schools, churches, and an FPL transmission station. The pipeline will be constructed with a combination of construction methodologies, including open trench, horizontal directional drill, and jack and bore. The Kimley-Horn team is currently under design with the project and ahead of schedule and budget. Anticipated construction start time is Fall 2020. Project Cost: \$528,220

	(1) TITLE AND LOCATION <i>(City and State)</i> Southwest Water Treatment Plant, North Port, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If Applicable)</i>
d.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager. Kimley-Horn is retained to provide professional services for the design of a water treatment plant (WTP) to be located at the northwest corner of the intersection of the future West Villages Parkway and future Manasota Beach Road. The facility will utilize reverse osmosis (RO) membrane treatment and will be constructed in two phases equaling 5 MGD. Due to an aggressive schedule, the delivery method is Construction Manager at Risk (CMAR). Our team helped select and coordinate with the CMAR throughout design and preconstruction. Once constructed, it is anticipated the ownership of the facility will be dedicated to the City of North Port for ownership, operation and maintenance. Therefore, all design elements, manufacturer requirements and treatment preferences will be approved by the City. Kimley-Horn prepared a Preliminary Design Report and is providing WTP design services and construction plans, source water hydraulic modeling and water quality projections, environmental and permitting services, raw water wellhead and main designs, and concentrate line design services. Project Cost: \$2.3 million	<input checked="" type="checkbox"/> Check if project performed with current firm	
	(1) TITLE AND LOCATION <i>(City and State)</i> Southwest Wastewater Reclamation Facility (SWWWRF), North Port, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If Applicable)</i> 2019
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer. Kimley-Horn evaluated existing conditions of the infrastructure upstream of the SWWWRF, which included a hydraulic analysis of the Island Walk and Gran Paradiso master pump stations, to identify offsite infrastructure improvements. Our team helped prepared design documents for the construction of a Class I industrial Deep Injection Well (DIW) for the disposal of wet weather discharges and membrane concentrate from a future reverse osmosis water treatment plant. Kimley-Horn coordinated with the well driller and hydrogeologists to permit, inspect, and certify the underground injection control (UIC) system. Fee \$2.7M	<input checked="" 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 Doug Eckmann, P.E., BCEE, D.WRE, F.ASCE	13. ROLE IN THIS CONTRACT QA/QA; Lead-Surface Water Treatment	14. YEARS EXPERIENCE	
		a. TOTAL 40	b. WITH CURRENT FIRM 0
15. FIRM NAME AND LOCATION <i>(City and State)</i> Kimley-Horn and Associates, Inc., Fort Myers, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Mechanical Engineer / Northwestern University		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 47259 / 1993	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Doug has 40 years of experience in funding, planning, permitting, design and construction of water related infrastructure projects for public utilities. He has served as the program and project manager, and technical director, on over \$450 million of water and wastewater related capital projects just in SW Florida. These projects include public water supply, treatment, storage, and distribution; wastewater collection, treatment and reuse.			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Water Supply Facilities 10-Year Work Plan 2017 Update, City of North Port, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal-in-charge and lead professional for preparing the Water Supply Facilities 10-Year Work Plan 2017 Update. Incorporated review of City's comprehensive Plan updates, the SWFWMD Regional Water Supply Plan, and planning by the PRMRWSA.	<input type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> West Villages Improvement District (WVID) Southwest Wastewater Reclamation Facility (SWWWRF)- Consultant Peer Review, North Port, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If Applicable)</i> 2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal-in-Charge and lead professional for the engineering team performing a peer review of the design of the new SWWWRF. Included senior level engineering review of site-civil, wastewater processes, structural and mechanical design, electrical and instrumentation design.	<input type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Peace River Manasota Regional Water Supply Authority, Peace River Facility, Desoto County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i> 2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal-in-charge and project manager for design of custom engineered structural aluminum filter enclosures for a total of 26 gravity filters in four separate filter structures for this 51-MGD surface water treatment plant. Design used 3D Revit Model and computer element analysis. Framed enclosures fitted with removable high mesh count screen panels. Roofing of extruded structural panels. Ultimate design wind speed of 160 mph, Exposure C, Risk Category IV. Adding the covers and screened enclosures allowed use of the filter volume to increase disinfection contact time improving operational flexibility and effective ground storage. Engineer's estimate \$4,145,000. Contract award for \$3,853,000. Construction completed in 2020.	<input type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Peace River Manasota Regional Water Supply Authority, Peace River Facility, Desoto County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal-in-Charge and Project Manager for preparation of an AWIA Risk and Resilient Assessment for the Peace River-Manasota Regional Water Supply Authority. The 51-MGD system provides potable water to over 300,000 people in Charlotte, Sarasota, and DeSoto counties in Southwest Florida.	<input type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Peace River Manasota Regional Water Supply Authority, Peace River Facility, Desoto County, FL	(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	

Project manager for re-rate study and design of cost-effective modifications to increase permitted capacity of the Regional Water Supply Facility from 48 MGD to 51 MGD finished water production capacity. FDEP permit for increased capacity received early 2015. The rerate study identified modifications needed to eliminate hydraulic restrictions in Unit 1, allowing production to increase from 12 to 15 MGD. These were incorporated into the then on-going 1991 Facility Rebuild Project. Capital cost of the additional treatment capacity was less than \$3,000,000, resulting in new capacity for a capital cost of \$1 per gallon per day capacity. This compared very favorably to alternative projects for increased water supply ranging from \$7 to over \$27 per gallon per day. Analysis included raw water supply, unit hydraulic and process analysis, chemical storage, residuals management, and confirming CT analysis of disinfection criteria at the higher flow rates.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Steve Romano, P.E.	13. ROLE IN THIS CONTRACT QA/QC; Lead- Wastewater Treatment	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i> Kimley-Horn and Associates, Inc., Orlando, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Environmental Engineering / University of Central Florida		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 57579 / 2001	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training Awards, etc.)</i> <i>Steve is a professional engineer with more than 24 years of experience working as a consultant for municipal and private utilities. Steve has experience with a full range of utility projects, including water treatment facility design, wastewater treatment facility design, pipeline design, pump station design, and master planning, including advanced hydraulic modeling, permitting assistance, and regulatory guidance. He has provided designs for new facilities, as well as retrofits and relocations. Steve's experience allows him to bring cost-effective innovative ideas to provide solutions that best fit the specific needs of his clients.</i>			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Southwest Wastewater Reclamation Facility (SWWWRF), North Port, FL	2018	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager and engineer of record. Kimley-Horn provided a full range of engineering services for the West Villages Improvement District (WVID) Wastewater Reclamation Facility (SWWWRF). Kimley-Horn prepared plans and specifications for the construction of a 2.0-MGD wastewater facility, including headworks and screening, grit removal, MLE biological treatment, clarifiers, deep bed sand filters, disinfection, septage receiving, digestion and centrifuge drying facilities, and a Class I industrial DIW for the future disposal of SWWWRF wet weather discharges. Permitting agencies we dealt with include the Southwest Florida Water Management District (SWFWMD), Florida Department of Environmental Protection (FDEP), U.S Army Corps of Engineers (USACE), FDEP/Health Department, FDEP/Sarasota County, City of North Port, and the Florida Department of Transportation (FDOT). The facility was designed in conjunction with the City of North Port standards because they will take over the facility when complete and operational. Construction was contracted using a Construction Manager at Risk (CMAR) process. Construction of this \$42-million project was completed in late 2019. Fee \$2.7M		
b.	Utilities Inc. of Florida Shadow Hills Wastewater Treatment Plant Improvements, Longwood, FL	2017	2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager. This design project entailed the development of four construction projects which, together would allow for the decommissioning of the Shadow Hills WWTP with all of the flows being sent to the Wekiva WRF. The four projects included: 15,000 linear feet of 12-inch force main from the Shadow Hills Facility to the Des Pinar master pump station site; the Des Pinar master pump station, including a mechanical bar screen and equalization tank; 7,000 linear feet of 12-inch force main; upsizing the existing force mains to a new master pump station at Sabal Palm Blvd.; and Sabal Palm master pumping station, which is designed to pump approximately 3.0 MGD peak flow directly to the Wekiva WRF. The project was designed on an aggressive schedule to meet the needs of the Utility. All four bids were issued and are currently beginning construction for a total project construction cost of \$7.8 million		
c.	Manatee County Southeast Water Reclamation Facility (SEWRF) Internal Recycle Pump Replacement, Headworks Rehabilitation, and Slope Stabilization (Erosion Control), Bradenton, FL		2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm		

Quality control manager. The SEWRF is a 12.6-MGD public access reuse facility. Kimley-Horn provided engineering services for internal recycle pump replacement, including the addition of new flow meters, replacement of internal piping, removal of valves internal to the aeration basin, and replacement with knife gate valves outside the walls. Our team also provided headworks rehabilitation at the SEWRF and a structural evaluation/recommendations for the elevated concrete structure, prepared preliminary design report and construction plans and specifications, and provided FDEP permitting and construction observation. Project cost: \$4.3 million.

d.	(1) TITLE AND LOCATION <i>(City and State)</i> Manatee County 7.5-MGD North County Regional Water Reclamation Facility (NCRWRF) Flow Equalization Tank Manatee County, 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	
	Project engineer. This equalization tank project consists of design, permitting, and construction services for a new 3.0-MG equalization tank and associated appurtenances. Preliminary design included an evaluation of the various construction methods and equipment selection for the equalization tank, flow control, equalization pumping, odor control, and mixing. This task also included biological and hydraulic modeling of the pretreatment and biological processes to determine if the addition of the 3.0-MG equalization tank can increase the overall treatment capacity. Major piping modifications are required to incorporate the equalization tank into the treatment scheme. Permitting activities included FDEP, Manatee County site plan, and building permitting. Kimley-Horn provided part-time construction services to include shop drawing review, pay application review, responding to requests for information, contract closeout, and record drawings. Project Cost: \$7.2 million		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Manatee County Southeast Water Reclamation Facility (SEWRF) Storage Lakes and Reclaimed Pump Back Station Improvements Manatee County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(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	
	Project manager. The project included the design for the replacement of the two existing reclaimed water pump back stations for the Southeast Water Reclamation Facility (SEWRF) South 2 and East Reclaimed Water Storage Lakes. As part of our preliminary design efforts, Kimley-Horn evaluated several options to replace the existing reclaimed water pump back stations, while increasing the overall pumping capacity to 10.0 MGD, matching the capacity of the existing Lake Filtration System. Ultimately it was determined to design and construct one centralized pump station with a pumping rate of 10.0 MGD. Project Cost: \$916,432		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Lewis Bryant, P.E.	13. ROLE IN THIS CONTRACT Lead- Master Planning and Hydraulic Modeling	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 11

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., Ocala, FL

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Business Administration / University of Florida Master of Science / Civil Engineering / University of Florida Bachelor of Civil Engineering / University of Florida Bachelor of Science / Technology (Nuclear) / Regents College	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 65582 / 2007
---	--

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training Awards, etc.)*
Lewis has more than 20 years of experience with municipal utility engineering, including utility relocation, master planning, distribution system design, hydraulic computer modeling and analysis, and construction phasing and inspections. He is a skilled project manager for utility relocation/expansion projects, water and wastewater treatment facilities design, facility expansion plans, capacity analysis reports, and water use permits.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a. Southwest Wastewater Reclamation Facility (SWWWRF), North Port, FL	2018	2019
(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 2.0-MGD Average Daily Flow (ADF) Wastewater Reclamation Facility within the WWID constructed pursuant to a Florida Department of Environmental Protection (FDEP) Preliminary Design Report (PDR) and Florida Department of Environmental protection (FDEP) permit. The project included construction plans and permitting through an underground injection control (UIC) permit for a Class I industrial DIW for the future disposal of SWWWRF wet weather discharges and membrane concentrate (brine) for the future WWID reverse osmosis (RO) water treatment plant (WTP). Fee \$2.7M		
b. Bellevue Water and Wastewater System Hydraulic Analysis and Modeling, Bellevue, FL	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	
Project manager. Provided water and wastewater hydraulic system analysis for the City of Bellevue. This wastewater hydraulic system analysis project involves the development of a lift station/force main hydraulic model, calculating existing system demands, calibrating the model with field data, and providing a technical memorandum summarizing the model development, calibration, and results. The water hydraulic system analysis project involved the development of a comprehensive water system hydraulic model, calculating existing system demands, calibrating the model, and providing a summary technical memorandum describing the model development, calibration, and results. Project Cost: \$71K		
c. Wildwood Utility System Master Plan, Wildwood, FL	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	
Project manager. The City of Wildwood anticipated significant growth in the Wildwood area over the next 20 years. This growth provided the City with the opportunity to expand the existing utility systems to provide potable water and sanitary sewer services to new customers. This master plan and accompanying hydraulic modeling was assembled to assist the City with identifying and selecting capital improvement projects to efficiently and cost-effectively meet the demands of current and future residents. The primary objective of the utility master plan was to assess the performance of the existing potable water, sanitary sewer, and reclaimed water systems currently owned and operated by the City of Wildwood and plan for system improvements/ expansion needed to meet the anticipated 5-, 10-, and 20-year demands. Project Cost: \$110,600		
d. Flagler County Plantation Bay Wastewater Treatment Facility (WWTF) Phase 1 Design and CEI, FL	2018	2019
(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. Kimley-Horn provided process design, construction administration services, and SRF loan administration assistance for the Class 1 reliability improvements and capacity expansion of the 0.475-MGD DAVCO-style Plantation Bay Wastewater Treatment Facility (WWTF). The project includes expansion to the existing biological treatment process, new tertiary filtration system, chlorine contact tank modifications, new reject storage tank, and headworks improvements. The project also includes construction of a new MCC building and associated electrical equipment. Kimley-Horn assisted the County with securing a \$5.7-million SRF loan to fund construction of the WWTF expansion project. Additionally, Kimley-Horn was able to secure another \$500,000 St. Johns River Water Management District REDI grant for this project. Project Cost: \$5.7 million

(1) TITLE AND LOCATION <i>(City and State)</i> Marion County Stonecrest Water System Master Plan, Marion County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(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	
<p>e. Project manager. Marion County Utilities wanted to develop a water utility master plan to meet future demands in the Stonecrest service territory. Kimley-Horn developed future needs and demands, performed hydraulic modeling, and produced alternatives for meeting the future demands of the service territory. Future needs and alternatives were focused for meeting the existing, 5-, 10-, 20-, and buildout demands of the service area. Kimley-Horn utilized the County's GIS system mapping for the hydraulic analysis. Kimley-Horn also prepared and performed the hydraulic modeling for the system using InfoWater hydraulic modeling software. Project services included data collection, model update/calibration, potable water system hydraulic modeling, and preparation of a water system master plan. Project Cost: \$79,020</p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Mark Miller, P.E.	13. ROLE IN THIS CONTRACT Lead- Membrane Treatment	14. YEARS EXPERIENCE	
		a. TOTAL 34	b. WITH CURRENT FIRM 32

15. FIRM NAME AND LOCATION <i>(City and State)</i> Kimley-Horn and Associates, Inc., West Palm Beach, FL

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Engineering / Civil Engineering / University of Florida Bachelor of Science / Ocean Engineering / Florida Institute of Technology	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 045320 / 1993
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training Awards, etc.)*
Mark is a senior water treatment specialist with 34 years of experience. His principal areas of practice include water treatment systems design, hydraulic investigations and design, and structural engineering. He has been responsible for the preparation of studies, design reports, construction plans, technical specifications, and preparation of bid documents. His treatment plant experience includes hydraulic modeling and analysis of water and sewer piping systems, design of small industrial treatment systems, water pumping stations, and membrane treatment systems. Mark has also been responsible for overseeing sizable water and wastewater treatment plant construction projects, including field engineering, shop drawing review, construction management, and field start-up services.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a. (1) TITLE AND LOCATION <i>(City and State)</i> Palm Beach County Water Utilities Department (PBCWUD) Water Treatment Plant #11 (WTP #11) Operational Improvements, FL	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	
Project manager. Kimley-Horn helped to restore plant capacity and greatly improve operations at the 10-MGD Lake Region Reverse Osmosis (RO) Water Treatment Plant (WTP). The facility had struggled with a rapid decline in raw water quality. Kimley-Horn was instrumental in helping restore plant capacity through enhancements to the WTP and operational improvements. Services includes the design of energy recovery improvements to the RO system and several operational changes to optimize system recovery. Enhancements to the SCADA system were also implemented, which allowed the automatic download of operating data to their normalization program, greatly reducing staff time needed to manage operating data. With these improvements, Kimley-Horn was able to eliminate the nearly 30% reduction in capacity the plant had experienced. Project Cost: \$2.3 million		
b. (1) TITLE AND LOCATION <i>(City and State)</i> Water Treatment Plant No. 8 Rehabilitation and Replacement Evaluation, Palm Beach County Water Utilities Department Palm Beach County, FL	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	
Project manager. Kimley-Horn was retained to conduct a condition assessment and rehabilitation and replacement evaluation of WTP #8 to identify the improvements needed to maintain water production for the next 10 years. This evaluation will be used to develop a project scope of improvements that be implemented in the next year as part of the master capital improvement plan. Project Cost: \$31,144		
c. (1) TITLE AND LOCATION <i>(City and State)</i> City of Stuart Unregulated and Emerging Contaminant Monitoring Rule (UCMR) and Perfluorinated Chemicals (PFCs) Evaluation, Stuart, FL	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	
Project manager. Kimley-Horn provided engineering services for the investigation of treatment methods for the removal of UCMR 3 and UCMR 4 emerging contaminants, including PFOA (Perfluorooctane Sulfonate) and PFOS (Perfluorooctanoic Acid), two known perfluorinated chemicals (PFCs). The project included reviewing water quality data for individual wells and point of entry (POE) to the water distribution system, information related to current USEPA and FDEP regulations, wellfield pumping capacities, operation and consumptive use allocations, site and piping plans. Project Cost: \$57,260		
d. (1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	

<p>Water Treatment Plant No. 11 Membrane Replacement Pilot Study, Palm Beach County Water Utilities Department Palm Beach County, FL</p>	<p>PROFESSIONAL SERVICES Ongoing</p>	<p>CONSTRUCTION <i>(If Applicable)</i></p>
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project engineer. Kimley-Horn was retained to conduct a membrane pilot study at WTP No. 11 to select suitable replacement RO membranes and antiscalant. The goal is to identify the membrane that exhibits the best performance with respect to operating pressures, water quality and long-term performance, which should be utilized for the future replacement. Project Cost: \$ 128,577</p>	<p><input checked="" type="checkbox"/> Check if project performed with current firm</p>	
<p>(1) TITLE AND LOCATION <i>(City and State)</i> WTP #3 Membrane Replacement Pilot Study Palm Beach County, FL</p>	<p>(2) YEAR COMPLETED</p>	
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager. Kimley-Horn was retained by Palm Beach County Water Utilities Department to conduct a pilot study comparing three different membranes for Water Treatment Plant No. 3. The membrane comparison is for pressure, flux, fouling characteristics, and the ability to clean the membrane elements. The pilot study will also consider post permeate mineralization and use of Floridan Aquifer water to supplement the plants raw water supply. Two phases of pilot testing were conducted and reports with recommendations were submitted. Project Cost: \$163,105</p>	<p>PROFESSIONAL SERVICES 2018</p>	<p>CONSTRUCTION <i>(If Applicable)</i></p>

e.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Lance Littrell, P.E.	13. ROLE IN THIS CONTRACT Lead – Indirect and Direct Potable Reuse	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION <i>(City and State)</i> Kimley-Horn and Associates, Inc., Orlando, FL

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Business Administration / / University of Central Florida Bachelor of Science / Mechanical Engineering / Old Dominion University	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 65645 / 2006 OH / Professional Engineer / 79857 / 2019
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training Awards, etc.)*
Lance has 19 years of experience concentrated in the mechanical arena of the environmental engineering field. His experience includes the design, project management, construction oversight, and fabrication of reverse osmosis and ultrafiltration water treatment plants for municipal utilities. In addition, Lance serves on the Board of Directors of the Southeast Desalting Association (SEDA) and was the recipient of one of its 2015 Distinguished Service Awards. Lance has worked closely with the leadership of FDEP's Drinking Water Program to develop guidance for FDEP's administration of chlorine dioxide to be used as a pioneering alternate disinfectant to chlorine or chloramines.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a. Southwest Water Treatment Plant, North Port, FL	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	
Engineer of Record. Kimley-Horn is retained to provide professional services for the design of a water treatment plant (WTP) to be located at the northwest corner of the intersection of the future West Villages Parkway and future Manasota Beach Road. The facility will utilize reverse osmosis (RO) membrane treatment and will be constructed in two phases equaling 5 MGD. Kimley-Horn prepared the Preliminary Design Report, and is providing WTP design services and construction plans, source water hydraulic modeling and water quality projections, environmental and permitting services, raw water main and wellhead designs, and concentrate line design services. Project Cost: \$2.3 million		
b. Water Treatment Plant No. 11 Membrane Replacement Pilot Study, Palm Beach County Water Utilities Department, Palm Beach County, FL	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	
Project manager. WTP No. 11 has been in operation and producing potable water for the cities of Belle Glade, Pahokee and South Bay since 2007. The original reverse osmosis (RO) membranes remain in service and need replacing. Kimley-Horn was retained to conduct a membrane pilot study at WTP No. 11 to select suitable replacement RO membranes and antiscalant. The goal is to identify the membrane that exhibits the best performance with respect to operating pressures, water quality and long-term performance, which should be utilized for the future replacement. Project Cost: \$70,919		
c. Davenport Water Facilities Plan (includes Drinking Water Master Plan task), Davenport, FL	2019	
(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. The Drinking Water Facilities Plan identified the road map for successful utility expansion for the Town of Davenport based on present day, 5-year, 10-year, and 20-year water demands. Kimley-Horn provided data collection, model update, potable water system hydraulic modeling, and a Drinking Water Master Plan in support of the preparation of the Drinking Water Facilities Plan. Kimley-Horn prepared a capacity evaluation of each water treatment plant along with a combined system capacity evaluation. Project Cost: \$113,483		
d. Lead and Copper Corrosion Study Water Treatment Plants (WTPs) 2, 3, 8, and 9, Palm Beach County, FL	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 engineer. This project is part of Kimley-Horn's general water treatment plant engineering services contract. Kimley-Horn was retained by Palm Beach County Water Utilities Department to conduct a lead and copper corrosion study for Water Treatment Plants #2, #3, #8, #9, and #11. The results of this study provided a baseline for future plant improvements for water quality. Project Cost: \$168,331

(1) TITLE AND LOCATION (<i>City and State</i>) City of Stuart Water Treatment Plant Emerging Contaminants (PFAS's) Treatment and Implementation, Stuart, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION (<i>If Applicable</i>)
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project engineer. Kimley-Horn provided the design and permitting of the largest full-scale PFAS treatment system in the United States. Kimley-Horn also provided assistance preparing bid documents and construction phase services for the treatment system using anion exchange (AIX) resin with granular activated carbon (GAC) toppings. This 4.0/8.0-MGD AIX/GAC system was designed to treat all of the City's raw water supply and involves resin from four different manufactures. The new water treatment system has the distinction of being the first ion exchange project of its kind in Florida and the largest (up to 8.0 MGD treatment capacity) in the U.S. at the time of completion, removing PFASs to less than 10 parts per trillion (non-detect). Project Cost: \$159,500	<input checked="" 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 Charles Starling, P.E., BCEE	13. ROLE IN THIS CONTRACT Lead – Pump Stations and Storage	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION <i>(City and State)</i> Kimley-Horn and Associates, Inc., Mobile, AL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Civil Engineering / University of South Alabama Bachelor of Science / Microbiology / Auburn University		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 83647 / 2017 ITCP Cured In Place Pipe / CIPP-210-0337 / 2010	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training Awards, etc.)</i> <i>Chuck has 22 years of experience serving as project manager and project engineer on a variety of utility engineering projects, including stormwater pump station design, water and wastewater pump station design, force main design, condition assessment programs, pump station assessment and rehabilitation, I/I rehabilitation programs, and various treatment plant design/improvement projects. Chuck is a licensed professional engineer in Alabama, Mississippi, Florida, and Louisiana and a Board-Certified Environmental Engineer.</i>			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	(1) Southwest Wastewater Reclamation Facility (SWWWRF), North Port, FL	2018	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE QC/QA Reviewer. Provided technical specification review and design review of the 2.0-MGD SWWWRF within the WVWD to be constructed pursuant to a Florida Department of Environmental Protection (FDEP) SWWWRF permit. In addition, provided design assistance on the internal RAS and effluent reuse pump stations. Also provided QA/QC of specifications and effluent pump station design. Fee \$2.7M	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) Jackson County Utility Authority (JCUA) Regional State Revolving Fund (SRF) Tucker Road Pump Station 6, Pascagoula, MS	2019- Facilities Plan Design-Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager for the development of a facilities plan and design of conveyance system improvements. Kimley-Horn was retained for the development of a facilities plan and design of conveyance system improvements. JCUA has an existing 24-inch force main that has four pump stations that pump into the system. During peak flow events, the resulting high system pressure prevents the downstream pump stations that manifold into the system from pumping their respective design capacity. In order to address these impacts, KHA recommended two improvements which included the upgrade to the existing Pump Station 6 and the addition of an inline pressure reducing station. Project Cost: \$694K	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) Pump Station #8 Rehabilitation Project Ocean Springs, MS	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager. Kimley-Horn is retained to provide the following professional services including a site visit to PS 8, observation of the current condition of the facility, evaluation of operational improvements, and design of improvement recommendations for implementation upon JCUA approval. A preliminary design is being conducted to confirm the current and future operating parameters of PS 8, recommendations for operational improvements, identification of observed pump station deficiencies, wet well rehabilitation, and recommended repairs and improvements to the discharge piping. Upon approval of the recommended rehabilitation and flow redirection modifications, contract documents will be prepared for bidding purposes. Kimley-Horn will provide limited construction management and observation services. Project Cost: \$100K	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) Manatee County Southeast Water Reclamation Facility (SEWRF) Storage Lakes and Reclaimed Pump Back Station Improvements Manatee County, FL	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	

Project engineer. The project included the design for the replacement of the two existing reclaimed water pump back stations for the Southeast Water Reclamation Facility (SEWRF) South 2 and East Reclaimed Water Storage Lakes. As part of our preliminary design efforts, Kimley-Horn evaluated several options to replace the existing reclaimed water pump back stations, while increasing the overall pumping capacity to 10.0 MGD, matching the capacity of the existing Lake Filtration System. Ultimately it was determined to design and construct one centralized pump station with a pumping rate of 10.0 MGD. Project Cost: \$916,432

	(1) TITLE AND LOCATION <i>(City and State)</i> Raw Water Main (RWM) and Pump Station (PS) - Martin Downs to Tropical Farms, Martin County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If Applicable)</i>
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project engineer. For this project, Kimley-Horn prepared design drawings and specifications for the proposed in-line booster pump station and the proposed raw water main extension; prepared and submitted permit applications and support documentation to FDEP, SFWMD, USACE, and FDOT/FTE agencies; provided bid services; provided limited construction administration phase services; prepared an operational protocol; and submitted a certification of completion of the project to the appropriate agencies cited previously for the completed project. Project Cost: \$369,515	<input checked="" 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 Heather Ripley, P.E.	13. ROLE IN THIS CONTRACT Lead- Utility Relocations and Construction Phase Services/CEI	14. YEARS EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 0

15. FIRM NAME AND LOCATION <i>(City and State)</i> Kimley-Horn and Associates, Inc., Sarasota, FL
--

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Engineering / Environmental Engineering / Penn State University Bachelor of Science / Civil Engineering / The Ohio State University	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 88329 / 2019 PA / Professional Engineer / 083687 / 2015 OH / Professional Engineer / 80559 / 2015 TX/ Professional Engineer/130224/2018
--	--

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training Awards, etc.)*
Heather has more than 12 years of water and wastewater experience, including planning, design, construction administration, and analyses. Her areas of experience and expertise expand to hydraulic and water quality modeling, design and analysis of water distribution and wastewater collection systems, engineering feasibility studies, funding applications and administration, master planning, permitting and construction phase services. In March 2020, Heather was selected out of several candidates to serve as a Trustee for the AWWA Technical and Educational Council on the Distribution Plant Operations Division. This is a national appointment and a three-year commitment. Heather will be supporting the division with the development of technical programming and content for the national conference.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a. (1) TITLE AND LOCATION <i>(City and State)</i> North Port Engineering Services for Water Distribution Main on San Mateo Drive from Price Blvd. to Hillsborough Blvd. North Port, FL	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	
Project engineer. North Port Utilities retained Kimley-Horn for design, bid, and construction phase services for a 10-inch water distribution main, approximately 15,800 linear feet in length, along San Mateo Drive from Price Boulevard to Adelaide Ave. The water main will be constructed within the right-of-way along the west side of San Mateo Drive, adjacent to the Public Works planned San Mateo sidewalk project, and will be constructed in a single phase estimated to begin in Winter 2020. The 10-inch distribution main will be installed via open-cut and will connect to existing water mains at cross-streets along the project route to loop the City's system, maintaining water quality and reducing water age. The project also included conversion of the City's hydraulic model to Innovyze software. This included updating the model with geospatially allocated demands based on metering locations, developing system diurnal patterns, facility updates and pipe changes. The model is being enhanced for extended period simulation and calibrated to represent field conditions. Project Cost \$479K		
b. (1) TITLE AND LOCATION <i>(City and State)</i> West Villages Improvement District Southwest Water Treatment Plant, North Port, FL	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	
Project engineer. Kimley-Horn is retained to provide professional services for the design of a water treatment plant (WTP) to be located at the northwest corner of the intersection of the future West Villages Parkway and future Manasota Beach Road. The facility will utilize reverse osmosis (RO) membrane treatment and will be constructed in two phases, equaling 5 MGD. Kimley-Horn prepared the Preliminary Design Report, and is providing WTP design services and construction plans, Source water hydraulic modeling and water quality projections, environmental and permitting services, raw water main and wellhead designs, and concentrate line design services. Project Cost: \$2.3 million		
c. (1) TITLE AND LOCATION <i>(City and State)</i> Gulfstream and US 41 Roundabout Utility Relocations, City of Sarasota, FL	2020	
(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. Kimley-Horn was retained to provide services pertaining to utility relocations associated with the City of Sarasota FDOT Gulfstream and US 41 Roundabout project. The project consisted of designing and permitting the relocation of water, sewer and reclaimed water pipelines. Assistance was provided with the Utility Work Schedule and coordination with multiple disciplines was required including FDOT coordination. Project Cost: \$235,1919

	(1) TITLE AND LOCATION <i>(City and State)</i> Sarasota County Legacy Trail Extension Design, Sarasota, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(If Applicable)</i>
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. The project involves an extensive trail design and related engineering and landscape architectural services from Culverhouse Nature Park to Payne Park, as well as the North Port Connector trail. The project involves the design and construction of 3,300 LF of 16-inch reclaim water main and 3,100 LF of 30-inch water main. Both pipelines include open trench and horizontal directional drilling construction methods, connection to existing mains and planning for future improvements. The 16-inch reclaim water main included connections to existing systems and plans for future extensions. The 30-inch water main required extensive coordination with FDOT for future overpass bridge installations and roadway improvement to McIntosh Road. Permitting with FDOT was also required for the HDD under Clark Road (SR 72) which involved geotechnical considerations, intensive dewatering and substantial maintenance of traffic (MOT) plans for road closure of McIntosh Road. Project Cost: \$5.2 million		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> US Highway 277 Utility Improvements Project, Eagle Pass, TX	(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	
	Project engineer. The project includes design, permitting and construction administration services. Relocation of water and wastewater utilities for a TxDOT overpass accommodation with Union Pacific Railroad. The project required the relocation of sanitary sewer pipelines and manholes and water mains, valves and meters for the accommodation of a new culvert under the highway and for widening of the pavement. Construction administration included contractor coordination, conducting progress meetings, reviewing submittals, creating RFPs and change orders for additional improvements during highway reconstruction to minimize future costs and coordination.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Seth Schmid, P.E.	13. ROLE IN THIS CONTRACT Lead- Structural	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 24

15. FIRM NAME AND LOCATION <i>(City and State)</i> Kimley-Horn and Associates, Inc., Sarasota, FL
--

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science / Structural Engineering / University of Florida	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 54640 / 1999 AL / Professional Engineer / 35867 / 2016
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training Awards, etc.)*
Seth has 24 years of experience involving structural evaluation, design, and repair of bridges, roadways, parks, airports, buildings, infrastructure, foundations, supports, and water control structures. He has been involved in all aspects of engineering projects from project management and conceptual planning to design, permitting, and construction administration. Some of Seth's more notable projects include the design of a 7,500-square-foot reverse osmosis building, the design of a 40-foot by 80-foot masonry chlorine storage building, design of reinforced concrete tanks for wastewater treatment and the design of several large weir water control structures.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Southwest Wastewater Reclamation Facility (SWWWRF), North Port, FL	2018	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural engineer. Kimley-Horn provided technical specification review and design review of the 2.0-MGD SWWWRF within the WVID to be constructed pursuant to a Florida Department of Environmental Protection (FDEP) SWWWRF permit. In addition, provided design and construction phase services for the headworks, MLE basins, RAW/WAS pump station, deep bed gravity sand filters, and combined chlorine contact chamber and effluent pump station structures. Fee \$2.7M	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Manatee County Southeast Water Reclamation Facility (SEWRF) Internal Recycle Pump Replacement, Headworks Rehabilitation, and Slope Stabilization (Erosion Control), Bradenton, FL		2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project engineer. Kimley-Horn provided engineering services for internal recycle pump replacement, including the addition of new flow meters, replacement of internal piping, removal of valves internal to the aeration basin, and replacement with knife gate valves outside the walls. Our team also provided headworks rehabilitation at the SEWRF and a structural evaluation/recommendations for the elevated concrete structure, prepared preliminary design report and construction plans and specifications, and provided FDEP permitting and construction observation. Project cost: \$4.3 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	North Port Water Control Structure (WCS) 106 North Port, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural engineer for the design and permitting of a replacement control structure on the Cocoplum Waterway. The water control structure (WCS) is key component of a large portion of the City of North Port's drainage system. The project tasks included obtaining permits from both the SWFWMD and ACOE. A key component of the design is the construction phasing plan which requires building the structure in three segments. Project Cost: \$168,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Manatee County Southeast Water Reclamation Facility (SEWRF) Storage Lakes and Reclaimed Pump Back Station Improvements Manatee County, FL	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	

Structural engineer. The project included the design for the replacement of the two existing reclaimed water pump back stations for the Southeast Water Reclamation Facility (SEWRF) South 2 and East Reclaimed Water Storage Lakes. As part of our preliminary design efforts, Kimley-Horn evaluated several options to replace the existing reclaimed water pump back stations, while increasing the overall pumping capacity to 10.0 MGD, matching the capacity of the existing Lake Filtration System. Ultimately it was determined to design and construct one centralized pump station with a pumping rate of 10.0 MGD. Project Cost: \$916,432

(1) TITLE AND LOCATION <i>(City and State)</i> Manatee County 7.5-MGD North County Regional Water Reclamation Facility (NCRWRF) Flow Equalization Tank, Manatee County, 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 Structural engineer. This equalization tank project consists of design, permitting, and construction services for a new 3.0-MG equalization tank and associated appurtenances. Preliminary design included an evaluation of the various construction methods and equipment selection for the equalization tank, flow control, equalization pumping, odor control, and mixing. This task also included biological and hydraulic modeling of the pretreatment and biological processes to determine if the addition of the 3.0-MG equalization tank can increase the overall treatment capacity. Major piping modifications are required to incorporate the equalization tank into the treatment scheme. Permitting activities included FDEP, Manatee County site plan, and building permitting. Kimley-Horn provided part-time construction services to include shop drawing review, pay application review, responding to requests for information, contract closeout, and record drawings. Project Cost: \$7.2 million	<input checked="" 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 Ty Gremaux, P.E.	13. ROLE IN THIS CONTRACT Lead- Site/Civil	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 15

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., Sarasota, FL

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Civil Engineering / Rose-Hulman Institute of Technology	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 72394 / 2011
---	--

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training Awards, etc.)*
Ty has 15 years of experience in design of civil infrastructure for a variety of projects, including roadway, residential, and commercial site development; permitting; drainage system modeling; and design. He has knowledge and experience reviewing, comparing, and field verifying surveys and legal descriptions for completeness and consistency. He also has knowledge of mapping using Geographic Information Systems (GIS) applications, including the creation and manipulation of electronic data (shapefiles, geo-databases, etc.) in order to identify and locate opportunities, constraints, and areas that require may additional investigation or information.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a. (1) TITLE AND LOCATION <i>(City and State)</i> West Villages Improvement District Southwest Water Treatment Plant, North Port, FL	Ongoing	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer. Kimley-Horn is retained to provide professional services for the design of a water treatment plant (WTP) to be located at the northwest corner of the intersection of the future West Villages Parkway and future Manasota Beach Road. The facility will reverse osmosis (RO) membrane treatment and will be constructed in two phases. equaling 5 MGD. Kimley-Horn prepared the Preliminary Design Report, and is providing WTP design services and construction plans, Source water hydraulic modeling and water quality projections, environmental and permitting services, raw water main and wellhead designs, and concentrate line design services. Project Cost: \$2.3 million	<input checked="" type="checkbox"/> Check if project performed with current firm	
b. (1) TITLE AND LOCATION <i>(City and State)</i> Grand Palm Utility Master Plan, Sarasota County, FL	2018	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project analyst. Grand Palm consists of 2,000 residential units situated on 1,000 acres in south Sarasota County. The project is the first "2050" plan approved by Sarasota County. The utility system includes the design of four lift stations and approximately 14,000 feet of off-site 10-inch force main. The water and sewer systems were modeled using WaterCAD and SewerCAD, respectively. Project Cost: \$3.64 million	<input checked="" type="checkbox"/> Check if project performed with current firm	
c. (1) TITLE AND LOCATION <i>(City and State)</i> West Villages Improvement District Offsite Reclaimed Water Main, North Port, FL	Ongoing	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager. As part of Kimley-Horn's work for the Southwest Wastewater Reclamation Facility (SWWWRF), Kimley-Horn designed an offsite reclaimed water main to transport the reclaimed water from the SWWWRF to the existing lake to the east of the Islandwalk development, approximately 12,500 LF. Services included construction plans, permit applications, bidding assistance and construction phase services. Project Cost: \$277,000.00	<input checked="" type="checkbox"/> Check if project performed with current firm	
d. (1) TITLE AND LOCATION <i>(City and State)</i> Manasota Beach Road Phases 1 - 3, North Port, FL	Ongoing	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project engineer. Kimley-Horn provided full engineering services for the design and construction of a 3.5-mile roadway extension within the City of North Port. The project consisted of approximately 12,500 linear feet extension of Manasota Beach Road from River Road to Preto Boulevard, an approximately 2,000 linear feet extension of Preto Boulevard and an approximately 4,500 linear feet extension of West Villages Parkway in the West Villages portion of the City of North Port. The project included the 2 roundabouts at the intersections of Manasota Beach Road and Preto Boulevard and Manasota Beach Road and West Villages Parkway. Project Cost: TBD	<input checked="" type="checkbox"/> Check if project performed with current firm	

	(1) TITLE AND LOCATION <i>(City and State)</i> Lakewood Ranch Boulevard Extension and Water Main Extension, Sarasota, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If Applicable)</i>
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project engineer. The Lakewood Ranch Boulevard project involves the design and construction of a new roadway corridor from the southern village boundary of the Lakewood Ranch Stewardship District to Fruitville Road. It will also include signalization intersection improvements at Fruitville Road to accommodate the new lane configuration including new signalized intersection, lighting improvements, and turn lane enhancements. The project length is just over 1.7 miles. Project Cost: \$15 million	<input checked="" 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 Kelley Klepper, AICP	13. ROLE IN THIS CONTRACT Lead – Growth Planning	14. YEARS EXPERIENCE	
		a. TOTAL 28	b. WITH CURRENT FIRM 15
15. FIRM NAME AND LOCATION <i>(City and State)</i> Kimley-Horn and Associates, Inc., Sarasota, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Arts / Geography and Urban Planning / East Tennessee State University Bachelor of Science / Psychology / East Tennessee State University		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Amer Institute of Certified Planners / 014572 / 1999	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training Awards, etc.)</i> <i>Kelley has 28 years of planning experience, including a thorough knowledge of comprehensive planning, growth management, public policy, form based codes, DRIs, budgeting, urban growth boundaries and management, code updates, small/special area plans, transportation, development-related issues facing growing communities, and urban/rural design. He has successfully worked with the Department of Economic Opportunity and other governmental agencies. In addition, he is experienced in coordinating and conducting public meetings, presentations and charrettes.</i>			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	City of Maitland Comprehensive Plan Maitland, FL	2019	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager worked with the City of Maitland on the review and update of the City’s Comprehensive Development Plan (CDP) based on the evaluation and appraisal report (EAR). Kimley-Horn completed the community review, preliminary land use and population analysis, transportation and mobility analysis, infrastructure (water, wastewater, stormwater, lakes, etc.), and a review of the current Goals, Objectives, and Policies as they relate to growth management changes, consistency across the various elements, and clarification of terms/strategies. Kimley-Horn worked with the City to identify best practices in the field of Comprehensive Planning and developed a new approach to their land use designations and development. Project Cost: \$211,800	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Venice Comprehensive Plan Venice, FL	2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager. Kimley-Horn completed the update of the GOPs in the form of vision, intent, and strategies along with the analysis required to develop the plan (population projections, level of service analysis, land use carrying capacity, housing analysis, etc.) with an emphasis on the City’s neighborhoods (geographic areas). 2018 APA Florida Award. 2018 FPZA State Award Winner for Grassroots Initiative/Public Outreach. Kimley-Horn worked with the City of Venice to review and update the City’s Comprehensive Plan (2017-2027). Project Cost: \$258,048	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Murdock Village Community Redevelopment Plan Update Port Charlotte, FL	2017	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager. Kimley-Horn prepared an update to the CRA Redevelopment Plan including the preparation of a “Highest and Best Use” Analysis, updates to key strategies and initiatives and also developed an updated Gateway and Core Area Map. The Plan included an updated analysis of existing conditions including land use, environmental, utilities and transportation based on the development of a Preliminary Vision (including the development of Major Goals, Strategic Initiatives and Recommendations). The project also identified recommended amendments specific to the County’s Comprehensive Plan/ Land Use Element. Project Cost: \$40,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Delray Beach 10-Year Water Treatment Master Plan Delray Beach, FL	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 planner and task manager for this 10-year water treatment master plan for the City of Delray Beach. Responsibilities included compiling population projections and developing the comprehensive plan amendments. Kimley-Horn was engaged by the City of Delray Beach to develop a 10-year water treatment master plan. We developed a 20-year linear population projection model using assembled data to meet the needs of the plan update and identify projects for the City and its service area during this growth period. Project Cost: \$250,000

(1) TITLE AND LOCATION <i>(City and State)</i> The Lakes District Visioning and Land Use Plan, Auburndale, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If Applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager. Kimley-Horn was selected to assist the city of Auburndale with the initial visioning and land use plan for The Lakes District. This approximate 4,000-acre area is identified as the City's next growth corridor and encompasses a variety of lands in various stages of development. Kimley-Horn led a series of community visioning and input sessions followed by an existing conditions analysis including land use, transportation/mobility, joint planning areas with Polk County, and a potential build out analysis. Kimley Horn is developing a visionary land use plan and series of short- and long-term development strategies including recommendations for possible comprehensive plan policy amendments. Project Cost: \$ 28,541	<input checked="" 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 Erin Emmons, GISP	13. ROLE IN THIS CONTRACT Lead - GIS	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 13

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., Plantation, FL

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Urban and Regional Planning / Florida Atlantic University	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Geo Info Systems Pro / 66559 / 2012
---	--

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training Awards, etc.)*
Erin has 15 years of experience in utilities, urban and regional multimodal transportation planning in both the public and private sector, with a specialty focus in Geographic Information Systems. Erin's comprehensive approach to data composition and analysis, incorporating the use of GIS in the assessment process has resulted in the successful completion of several municipal and regional multimodal transit plans, community redevelopment plans, aviation service studies, and economic assessments. Erin's active involvement in local and statewide geographic information systems user groups enables her exposure to the latest data resources across multiple public and private agencies.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Drainage GIS Data Conversion Miami Lakes, FL	2019	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Project manager who assisted the Town with digitizing their existing utility CAD files and as-builts in a GIS format. The work included the conversion of available electronic CAD files and existing as-builts provided by the Town into GIS. Attribute information was updated using available survey data and detailed as-builts. Kimley-Horn assisted the Town with digitizing their existing utility CAD files and as-builts in a GIS format. Project Cost: \$15,941		
b.	Lakeview District Water and Sewer Master Plan Medley, FL	2016	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm GIS Specialist. Kimley-Horn prepared a water and sewer master plan for the Lakeview Utility District, a special assessment district created to expand water and sewer distribution and collection facilities to a 600+ acre portion of the Town of Medley which is currently undeveloped. In addition, Kimley-Horn performed modeling of the existing water distribution system using WaterGEMS software to identify potential fire flow deficiencies within the existing distribution system and propose improvements to the system to address these deficiencies. Project Cost: \$92,900		
c.	Village of Pinecrest On-Call GIS Services Pinecrest, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm Project manager. Kimley-Horn has been contracted by the Village of Pinecrest as an on-call GIS consultant. Kimley-Horn provides on-site training to staff and has assisted the Village in the development and organization of their interagency database. Recent project support has included zoning and land use updates, website development coordination, and stormwater utility updates. Kimley-Horn has been contracted by the Village of Pinecrest as an on-call GIS consultant. Project Cost: \$ 99,366		
d.	Delray Beach 10-Year Water Treatment Master Plan Delray Beach, FL	2016	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE [X] Check if project performed with current firm GIS Specialist. Kimley-Horn was engaged by the City of Delray Beach to develop a 10-year water treatment master plan. We developed a 20-year linear population projection model using assembled data to meet the needs of the plan update and identify projects for the City and its service area during this growth period. Kimley-Horn prepared the water treatment master plan to recommend facilities, treatment process, treatment capacities, facility locations, planning level budget estimates, and construction timing. Project cost: \$250,000		
e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	

Sanitary Sewer GIS Data Conversion North Bay Village, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If Applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE GIS specialist for the work associated with digitizing the existing North Bay Village sanitary system as-builts in a GIS format required by the Miami-Dade County (MDC) Code, enforced by DERM, and specified by the Miami-Dade Water and Sewer Department (“MDWASD”). Work included the conversion of available electronic CAD files and existing as-builts provided by the Village of the North Bay Village sanitary sewer into GIS. Attribute information was updated using updated survey data and detailed as-builts. Project Cost: \$28,200	[X] 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 Matt Tebow, P.E.	13. ROLE IN THIS CONTRACT Direct and Indirect Potable Water Reuse	14. YEARS EXPERIENCE	
		a. TOTAL 13	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION *(City and State)*
Kimley-Horn and Associates, Inc., West Palm Beach, FL

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Science / Civil Engineering / University of Florida Bachelor of Science / Civil Engineering / University of Florida	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 82414 / 2017
--	--

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Matt is a water resources engineer with 13 years of design and project management experience in water and wastewater treatment plant improvements, rehabilitations, and expansions. He has created and calibrated wastewater process and hydraulic models; established control weir elevations and hydraulic profiles; designed yard piping and facility layouts; designed chemical storage and feed facilities; and modeled, analyzed, and designed constant speed and variable speed pump stations. Additionally, Matt has coordinated and obtained FDEP permits, created opinions of probable construction costs, coordinated bid phase services, and provided construction phase services.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Cape Coral Southwest Water Reclamation Facility (SWWRF) Process Evaluation and Optimization Analysis, Cape Coral, FL	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project manager. Kimley-Horn created hydraulic and biological process models of the 15.0-MGD Southwest Water Reclamation Facility (SWWRF) and conducted a detailed evaluation of the hydraulic and biological process performance. The biological process and hydraulic models investigate the likely impact of different operational strategies and/or changes to the process configuration. The goal of the analysis is to evaluate process modifications that will result in increased biological nutrient reduction, reduce chemical use, and increase energy efficiency at the SWWRF. Project Cost: \$34,875	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Southwest Wastewater Reclamation Facility (SWWWRF), North Port, FL	2018	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As project engineer, provided process design. Kimley-Horn provided technical specification review and design review of the 2.0-MGD SWWWRF within the WVID to be constructed pursuant to a Florida Department of Environmental Protection (FDEP) SWWWRF permit. In addition, provided design assistance on the internal RAS and effluent reuse pump stations. Fee \$2.7M	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Village of Wellington 6.5-MGD Wastewater Treatment Facility (WWTF) Upgrades and Rehabilitation, Wellington, FL	2018	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project engineer. The Kimley-Horn team was selected to provide engineering design and construction phase services for a variety of upgrades to the Village of Wellington's 6.5-MGD WWTF. This project was originally designed and bid by another firm. The Village asked Kimley-Horn to take over as the Engineer of Record and expanded the scope to include a new blower building, new aerobic digesters, new belt filter press feed pumps, new dryer feed cake pump, new clarifier mechanism, odor control system improvements, refurbishing the headworks and grit equipment, improved walkways/platforms/handrailing, the addition of a filter, upgraded/new operator facilities, dewatered sludge pumping, and associated electrical/control improvements. Project cost: \$1,259,108	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Continental Country Club Wastewater Treatment Facility, Wildwood, FL	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	

Project engineer. Kimley-Horn performed a condition assessment, operational review, rehabilitation design, and construction administration for a 0.200-MGD Davco ring steel WWTF. The condition assessment and operational review included structural integrity evaluations, mechanical equipment inspections, and effluent disposal capacity evaluations. The rehabilitation design and construction administration included blower replacement, catwalk repairs, launder trough repairs, diffuser replacement, and digester rehabilitation. Project Cost: \$404,221

(1) TITLE AND LOCATION <i>(City and State)</i> Wildwood Utility System Master Plan, Wildwood, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If Applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project engineer. The City of Wildwood anticipated significant growth in the Wildwood area over the next 20 years. This growth provided the City with the opportunity to expand the existing utility systems to provide potable water and sanitary sewer services to new customers. This master plan and accompanying hydraulic modeling was assembled to assist the City with identifying and selecting capital improvement projects to efficiently and cost-effectively meet the demands of current and future residents. The primary objective of the utility master plan was to assess the performance of the existing potable water, sanitary sewer, and reclaimed water systems currently owned and operated by the City of Wildwood and plan for system improvements/expansion needed to meet the anticipated 5-, 10-, and 20-year demands. Project Cost: \$110,600	<input checked="" 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 Nick Black, P.E.	13. ROLE IN THIS CONTRACT Membrane Treatment	14. YEARS EXPERIENCE	
		a. TOTAL 9	b. WITH CURRENT FIRM 7

15. FIRM NAME AND LOCATION <i>(City and State)</i> Kimley-Horn and Associates, Inc., West Palm Beach, FL

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science / Civil Engineering / University of Central Florida Bachelor of Science / Environmental Engineering / University of Central Florida	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FL / Professional Engineer / 84908 / 2018 NC / Professional Engineer / 046217 / 2018
--	--

18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training Awards, etc.)</i> <i>Nick has nine years of experience providing water and wastewater utility design in the Southeast with a primary focus on water treatment. He strives to simplify the challenges faced by treatment facilities by identifying and implementing simple, practical solutions. Nick works closely with clients to achieve their engineering objectives while making project improvements operator friendly. He has extensive treatment plant experience, including treatment plants and processes from lime softening, membrane treatment, ion-exchange, disinfection, and ancillary components of typical water treatment plants. Additionally, Nick's experience includes hydraulic modeling and analysis of water and sewer piping systems, water and sewer pumping stations, process design, and control engineering.</i>

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Water Treatment Plant No. 8 Rehabilitation and Replacement Evaluation, Palm Beach County Water Utilities Department, Palm Beach County, FL Project engineer. Kimley-Horn was retained to conduct a condition assessment and rehabilitation and replacement evaluation of WTP #8 to identify the improvements needed to maintain water production for the next 10 years. This evaluation will be used to develop a project scope of improvements that be implemented in the next year as part of the master capital improvement plan. Project Cost: \$79,164	Ongoing	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Water Treatment Plant No. 11 Membrane Replacement Pilot Study, Palm Beach County Water Utilities Department, Palm Beach County, FL Project engineer. WTP No. 11 has been in operation and producing potable water for the cities of Belle Glade, Pahokee and South Bay since 2007. The original reverse osmosis (RO) membranes remain in service and need replacing. Kimley-Horn was retained to conduct a membrane pilot study at WTP No. 11 to select suitable replacement RO membranes and antiscalant. The goal is to identify the membrane that exhibits the best performance with respect to operating pressures, water quality and long-term performance, which should be utilized for the future replacement. Project Cost: \$70,919	Ongoing	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE WTP #3 Membrane Replacement Pilot Study Palm Beach County, FL Project analyst. Kimley-Horn was retained by Palm Beach County Water Utilities Department to conduct a pilot study comparing three different membranes for Water Treatment Plant No. 3. The membrane comparison is for pressure, flux, fouling characteristics, and the ability to clean the membrane elements. The pilot study will also consider post permeate mineralization and use of Floridan Aquifer water to supplement the plants raw water supply. Two phases of pilot testing were conducted and reports with recommendations were submitted. Project Cost: \$163,105	2018	
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Palm Beach County Water Utilities Department Water Treatment Plant #11 Turbidity Management Evaluation, West Palm Beach, FL	Ongoing	

<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE</p> <p>Project engineer. To assist with Palm Beach County's goal of maintaining a Nephelometric Turbidity Units (NTU) level of 1.0 at Water Treatment Plant #11, Kimley-Horn was retained to evaluate short-term and long-term management practices. Finished water turbidity continues to be an issue at WTP#11 where NTU average over 1.5, which can inhibit the efficacy of disinfection. Project Cost: \$68,033</p>	<p><input checked="" type="checkbox"/> Check if project performed with current firm</p>			
<p>(1) TITLE AND LOCATION (<i>City and State</i>)</p> <p>City of Stuart Unregulated and Emerging Contaminant Monitoring Rule (UCMR) and Perfluorinated Chemicals (PFCs) Evaluation, Stuart, FL</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="951 279 1252 384"> <p>PROFESSIONAL SERVICES</p> <p>2017</p> </td> <td data-bbox="1252 279 1549 384"> <p>CONSTRUCTION (<i>If Applicable</i>)</p> </td> </tr> </table>		<p>PROFESSIONAL SERVICES</p> <p>2017</p>	<p>CONSTRUCTION (<i>If Applicable</i>)</p>
<p>PROFESSIONAL SERVICES</p> <p>2017</p>	<p>CONSTRUCTION (<i>If Applicable</i>)</p>			
<p>e. (3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE</p> <p>Project analyst. Kimley-Horn provided engineering services for the investigation of treatment methods for the removal of UCMR 3 and UCMR 4 emerging contaminants, including PFOA (Perfluorooctane Sulfonate) and PFOS (Perfluorooctanoic Acid), two known perfluorinated chemicals (PFCs). The project included reviewing water quality data for individual wells and point of entry (POE) to the water distribution system, information related to current USEPA and FDEP regulations, wellfield pumping capacities, operation and consumptive use allocations, site and piping plans. Kimley-Horn was responsible for researching and evaluating treatment methods currently available to reduce and/or eliminate the potential for emerging contaminants that may be present in the raw water source, consisting of granular activated carbon (GAC), membrane treatment (reverse osmosis (RO) or nanofiltration (NF)), or ion exchange (IX). Project Cost: \$57,260</p>	<p><input checked="" type="checkbox"/> Check if project performed with current firm</p>			

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

12. NAME Mark B. McNeal	13. ROLE Senior Hydrogeologist	14. YEARS EXPERIENCE	
		a. TOTAL 35	b. WITH CURRENT FIRM 14

15. FIRM NAME AND LOCATION (City and State)
ASRus, LLC Tampa FL

16. EDUCATION (DEGREE AND SPECIALIZATION) **B.S., Engineering Geology, Brigham Young University** | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) **Professional Geologist, Florida**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. McNeal has published dozens of publications on water supply, reuse, and aquifer storage and recovery (ASR). He has also actively participated in FDEP rulemaking in many areas, including underground injection control (UIC), reuse, and concentrate disposal rulemaking activities. He is a recognized state and national expert in these areas.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Potable Water ASR and TAP Programs, City of Tampa, FL	Ongoing	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. McNeal has supported several projects for the City of Tampa's potable water ASR system at the Rome Avenue Park, David L. Tippin WTF, and Woodlands Terrace Parksites. While with employed with another firm, Mr. McNeal served as Project Manager for the City's 10-mgd potable water ASR system. He is currently serving as the Senior Hydrogeologist on the City's Indirect Potable Reuse project referred to as the Tampa Augmentation Project (TAP), planning a 50 mgd recharge and recovery system.		<input checked="" type="checkbox"/> Check if project performed with current firm
b.	Deep Injection Well, WVID, North Port, FL	Ongoing	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. McNeal was a Senior Hydrogeologist for a deep injection well permitted and constructed to dispose of reclaimed water and eventually RO concentrate from brackish water treatment. He is currently assisting the District with operational testing of the well and ASRus is preparing the Class I operation permit under his direction.		<input checked="" type="checkbox"/> Check if project performed with current firm
c.	Potable Water ASR Program, Peace River Manasota Regional WSA, DeSoto County, FL	Ongoing	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. McNeal has been actively involved with all aspects of the Authority's ASR program since around 1990. The Authority has the largest ASR system in the eastern United States, with 21 ASR wells currently. He is currently providing Senior Hydrogeologic services for the Peace River Master Plan and assisting the Authority with permitting activities to convert its potable ASR system to raw water.		<input checked="" type="checkbox"/> Check if project performed with current firm
d.	Reclaimed Water ASR Program, Polk County Utilities, FL	2019	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. McNeal oversaw the feasibility, permitting, design, and construction of a 2,944-foot in depth well, the deepest ASR well worldwide. The ASR well is currently undergoing cycle testing under his supervision, and an operation permit was recently obtained. This allowed PCU to increase its permitted capacity at its North Regional WRF.		<input checked="" type="checkbox"/> Check if project performed with current firm
e.	City of St. Petersburg Disposal Capacity Increase	Ongoing	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. McNeal served as Project Manager and Senior Hydrogeologist for the City's deep injection well expansion at its Southwest WRF and Northwest WRF. Four new injection wells were constructed. The injection capacity increased from 39 mgd to over 100 mgd at its Southwest WRF and from 32 mgd to 58 mgd at its Northwest WRF under his direction. New pumping stations were designed and constructed under his management to provide pumping capacity for the increased wet weather flows to be injected.		<input checked="" 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 Amber Halstead	13. ROLE IN THIS CONTRACT Environmental Consultant	14. YEARS EXPERIENCE	
		a. TOTAL 2	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION *(City and State)*
EarthBalance 2570 Commerce Parkway, North Port Florida 34289

16. EDUCATION <i>(Degree and Specialization)</i> Duke - Master of Environmental Management, Coastal Environmental Management FSU - Bachelor of Science, Environmental Science	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FWC Authorized Gopher Tortoise Agent
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Wetland Delineation Training, The Swamp School

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Bee Ridge Water Treatment Facility Expansion (Sarasota, FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE Performed an ecological review of the 143-acre site to assist in the design stage of the facility expansion. Assessed potential protected resources (i.e., wetlands, mesic hammock, scrub habitat, eagle nests, etc)	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(If applicable)</i>
		<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Warm Mineral Springs Environmental Park	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE Completed an environmental assessment of the 11.5-acre Phase 1 site and the proposed utility routes. Assessed the site for any potential protected resources and sensitive habitats.	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(If applicable)</i>
		<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Boran Ranch Delineation and Assessment (Arcadia, FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE Performed a wetland delineation, seasonal high-water determination, and a protected species assessment on the approximately 105-acre site.	PROFESSIONAL SERVICES 2018-2019	CONSTRUCTION <i>(If applicable)</i>
		<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Horse Creek Mitigation Bank (Arcadia, FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE Assisted in the development of the federal Mitigation Banking Instrument with the and prepared the nationwide permit for the USACE.	PROFESSIONAL SERVICES 2018-2020	CONSTRUCTION <i>(If applicable)</i> 2019-ongoing
		<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Regional Integrated Loop System - Phase 3B (Sarasota, FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Briefscope, size, cost, etc.)</i> AND SPECIFIC ROLE Performed gopher tortoise burrow survey over the 6.6-mile pipeline route. Lead training events and provided oversight to ensure compliance with USFWS eastern indigo snake and bald eagle protection measures. Filed appropriate documentation, performed site visits, and coordinated with DEP and USACE to ensure project met all permit conditions.	PROFESSIONAL SERVICES 2019-2020	CONSTRUCTION <i>(If applicable)</i> 2020-Ongoing
		<input checked="" 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 RUSSELL P. HYATT, PSM Vice President		13. ROLE IN THIS CONTRACT PROFESSIONAL SURVEYOR & MAPPER (FL) Project Manager: Hydrographic / Boundary / Topographic Surveys	14. YEARS EXPERIENCE	
			a. TOTAL 32	b. WITH CURRENT FIRM 17.5

15. FIRM NAME AND LOCATION *(City and State)*
HYATT SURVEY SERVICES, INC., BRADENTON, FLORIDA

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 1990 - BS SURVEYING & MAPPING UNIVERSITY OF FLORIDA	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> FLORIDA PSM #5303
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
FLORIDA SURVEYING AND MAPPING SOCIETY **THE HYDROGRAPHIC SOCIETY OF AMERICA**
SOCIETY OF AMERICAN MILITARY ENGINEERS **NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS**

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Second Forcemain under I-75 (CIP), City of Venice, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019-Current	CONSTRUCTION <i>(If applicable)</i> n/a

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Role: Sr. Project Manager
Size & Scope: Currently providing a topographic/route survey and includes the location, dimension, and materials of all structures, foundations, roadways, sidewalks, fences and other above-ground structures/construction within the proposed survey limits, location, size, material rim & invert elevation of existing storm drainage piping, structures, outfalls, and sanitary sewer piping and manholes within the survey area. The survey also includes the location of any existing natural drainage features, streams, creeks, rivers, ponds or lakes. Up to ten (10) geotechnical borings are included as well as locating any SUE (subsurface utility excavation) staking and paint designation of buried utilities/concrete structures.
Cost: \$20,400.00

(1) TITLE AND LOCATION <i>(City and State)</i> Second Forcemain under I-75 (CIP), City of Venice, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017-2019	CONSTRUCTION <i>(If applicable)</i> n/a

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Role: Sr. Project Manager
Size & Scope: Hyatt Survey provided the construction stakeout and asbuilt/record surveys for potable water transmission main, wastewater forcemain replacement and reclaimed water transmission main, CSX & US 41 monitoring of forcemain, reclaimed water main and water main casing. **Cost: \$164,070.00**

(1) TITLE AND LOCATION <i>(City and State)</i> Lakewood Ranch Blvd. Extension, Sarasota County, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016-2018	CONSTRUCTION <i>(If applicable)</i> n/a

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Role: Sr. Project Manager
Size & Scope: Hyatt Survey performed a right-of-way & topographic survey of 9,500LF of roadway extension and widening for corridor modifications along Lakewood Ranch Boulevard and Fruitville Road in Sarasota, Florida. Location of all visible improvements, apparent Rights-of-Way, and all underground utilities including vacuum utility excavations were mapped. Preparation of utility easement descriptions, Right-of-Way takings and final Right-of-Way maps for the entire project including over 50 Legal Descriptions & Sketches were completed on time, within budget. **Cost: \$130,182.50**

(1) TITLE AND LOCATION <i>(City and State)</i> City of St. Petersburg Lift Stations 11,13,14 & 15 City of St. Pete Beach, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017-2019	CONSTRUCTION <i>(If applicable)</i> n/a

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Role: Sr. Project Manager
Size & Scope: As Project Manager, Russell was responsible for the preparation of the topographic survey of 4 lift stations. Included in the scope was the location of apparent right of ways lines, landscaping, aboveground site improvements, and utilities. **Cost: \$ 7,460.00**

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Tracy Prokopetz, P.E., President	13. ROLE IN THIS CONTRACT Project Manager and Senior Design Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 18
15. FIRM NAME AND LOCATION <i>(City and State)</i> RKS Consulting Engineers, Inc. Fort Myers, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science in Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> State of Florida, Professional Engineer #62427 Electrical	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> FWEA Member			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Lee County Utilities Southeast Water Reclamation Facility Fort Myers, FL	2019-2020	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Lead electrical engineer & RKS project manager. Performed 30% electrical engineering design services for a new 2MGD with expansion up to 8MGD wastewater treatment plant. Contracted to complete design, bidding and construction services. Design included open transition class 1 reliable electrical service switchgear and permanent stand-by power generation, variable frequency drive technology, total plant power & controls cable distribution, ductbank systems as well as other minor electrical systems. Construction budget is approximately \$20 million total	Check if project performed with current firm <input checked="" type="checkbox"/>	
b.	City of Cape Coral Control System Upgrade for Southwest RO Water Treatment Plant 1 & 2 Cape Coral, FL	2019-2020	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Lead electrical engineer & RKS project manager. Performed 90% electrical engineering design services. Contracted to complete bidding and construction services. Design included replacing existing outdated plant SCADA network with new technology, PLC control panels, Remote IO based Chemical Control Panels, minor field instrumentation, and electrical system design to support the control system upgrade components. Construction estimate is approximately \$2.5 million total	Check if project performed with current firm <input checked="" type="checkbox"/>	
c.	Gasparilla Island Water Association, Inc. Water Reclamation Facility Improvements & Upgrades Ph 1, 2A & 2B Boca Grande, FL	2019	2020 in progress
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Lead electrical engineer & RKS project manager. Performed electrical engineering, design bidding and construction services for a new 700KGD wastewater treatment plant. Design included new plant electrical service with permanent stand-by power generation, variable frequency drive technology, total plant power and controls cable distribution, ductbank systems as well as other minor electrical systems. Construction cost was approximately \$10.5 million total	Check if project performed with current firm <input checked="" type="checkbox"/>	
d.	Lee County Utilities Fiesta Village Water Reclamation Facility Dewatering System & Hypochlorite System Improvements Fort Myers, FL	2019	2020 in progress
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Lead electrical engineer & RKS project manager. Performed electrical engineering, design bidding & construction services for a new Centrifuge dewatering system and partial relocation/ reconstruction of the existing plant hypochlorite storage and pumping facility. Design included mods. of existing plant Switchgear to feed new motor control centers at the facility. Other work included variable frequency drive technology, power & controls cable distribution, ductbank systems as well as other minor electrical systems. Construction cost was approximately \$6 million total	Check if project performed with current firm <input checked="" type="checkbox"/>	

(1) TITLE AND LOCATION (<i>City and State</i>) Lee County Green Meadows Plant Water Treatment Plant & Wellfield Expansion Fort Myers, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011-2015	CONSTRUCTION (<i>If Applicable</i>) 2016-2018
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	Check if project performed with current firm <input checked="" type="checkbox"/>	
e. Lead electrical engineer & RKS project manager. Performed electrical engineering, design bidding and construction services for a new 14MGD reverse osmosis water treatment plant and wellfield expansion. Design included closed transition class 1 reliable electrical service switchgear and permanent stand-by power generation, variable frequency drive technology, total plant power and controls cable distribution, ductbank systems as well as other minor electrical systems. Construction cost was approximately \$75.4 million total cost.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Fernando Fuentes, Jr, P.E.	13. ROLE IN THIS CONTRACT Engineer III	14. YEARS EXPERIENCE	
		a. TOTAL 6.5	b. WITH CURRENT FIRM 6.5
15. FIRM NAME AND LOCATION <i>(City and State)</i> RKS Consulting Engineers, Inc Fort Myers, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science in Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> State of Florida, Engineering Intern, #1100018400, State of Florida, Professional Engineer, #86514	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> FWEA Membership			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	Lee County Utilities – Master Lift Station 7716 Fort Myers, FL	2018	2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Lead Electrical Engineer & RKS project manager. Performed Electrical engineering, design bidding & construction services for a new wastewater master lift station. Design included permanent stand-by power generation, odor control system, radio telemetry to existing Citect system and pump station control panel design. Construction was approximately \$2.2 million.		
b.	Gasparilla Island Water Authority WRF Expansion PH1 Boca Grande, FL	2017	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Supporting Engineer. Design included airconditioned prefabricated equipment building with open transition Class 1 reliable gear, a permanent stand-by power generation minor electrical systems, plant wide ductbank system and (2) new utility services. Construction cost of approximately \$1 million.		
c.	Gasparilla Island Water Authority WRF Expansion PH2 Boca Grande, FL	2019	2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Supporting Engineer. Design included airconditioned prefabricated equipment buildings, variable frequency drive technology, ductbank system, plant wide power & control cable distribution, lightning protection systems and other minor electrical systems. Project is under construction. Construction cost of approximately \$7.3 million.		
d.	City of Fort Myer – Pump Station 8 Fort Myers, FL	2018	2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Lead Electrical Engineer & RKS project manager. Performed Electrical engineering, design bidding & construction services for a new wastewater pumping station. Design included permanent stand-by power generation, odor control system, variable frequency drive technology, DFS radio telemetry systems and pump station control panel design. Project under construction. Construction cost of approximately \$124 thousand for electrical.		

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
	Collier County Utilities – South County Water Reclamation Facility Replacement of Process Blowers PH2 Naples, FL	2017	2018
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	Check if project performed with current firm <input checked="" type="checkbox"/>	
	Lead Electrical Engineer & RKS project manager. Performed Electrical engineering, design bidding & construction services. Design included replacement of 4 existing conventional centrifugal blowers with 4 high speed turbo compressor blowers. Project is under construction. Construction cost of approximately \$1 million.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Robert Gomez, PE	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 16
15. FIRM NAME AND LOCATION <i>(City and State)</i> Universal Engineering Sciences, LLC - Sarasota, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> BS, Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineer - FL, AL, MS	
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	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. Robert was the Project Geotechnical Engineer for the Augercast Pile Foundation load testing and QC of the augercast foundation piling installation, and Project Engineer for the Materials Testing & Threshold Inspection services. Robert's duties were to oversee the engineering technician performing the testing of concrete, soils compaction, and the post tension inspection of the structural decks. Professional Fees: \$105,000.	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		
b. Robert was the Project Geotechnical Engineer for the exploration test borings, soils classification, foundation soils improvement and the Project Engineer for the Materials Testing and inspection. The geotechnical test borings were performed within sensitive existing utility areas and during the operation of the existing facility. The scope also included as built sampling and testing of existing concrete. Professional Fees: \$24,000.	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		
c. Robert was the Project Geotechnical Engineer for the exploration test borings, soils classification, soils foundation bearing capacity and soils recommendations. Professional Fees: \$2,000.	2017	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		
d. Robert was the Project Geotechnical Engineer for the exploration test borings, soils classification, soils foundation bearing capacity and soils recommendations. Professional Fees: \$5,000.	2017	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		
e. Robert was the Project Geotechnical Engineer for the exploration test borings for the site development, post development seasonal high groundwater evaluation. The project included developing the scope of work, supervising the drill crew, prepare data and report for site development recommendations, stormwater management pond design support studies, post development groundwater study, seasonal high groundwater evaluation. Professional Fees: \$770,000.	2012	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		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Yudelsy Alvarez	13. ROLE IN THIS CONTRACT Geotechnical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION <i>(City and State)</i> Universal Engineering Sciences, LLC - Sarasota, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> BS, Geotechnical Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
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	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Proposed Pavilions and Restrooms, Sutton Park Phase Two (Manatee County, Florida)	2013	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The project consisted of two small pavilion structures with associated restrooms at Sutton Park in Manatee County, Florida. Geotechnical engineering services included recommendations for structural loadings, foundation design, groundwater control, and site preparation. As the project manager, Yudelsy performed coordination of field exploration, site observation, laboratory testing, preparation and reporting of findings and recommendations.		
b.	Proposed Commercial Development, Kenilworth Blvd & Cochran Blvd (Port Charlotte, Florida)	2014	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The project consisted of the construction of four commercial buildings ranging from approximately 3,771 to 24,000 sf with associated pavement and stormwater pond. Yudelsy was responsible for exploring the general subsurface conditions at the site, interpreting and reviewing the subsurface conditions with respect to the proposed construction, and geotechnical engineering recommendations for foundation design, groundwater control, pavement design, fill suitability and site preparation.		
c.	Proposed Gateway Sign, NE Corner of Eighth Avenue & Riverside Drive (Palmetto, Florida)	2017	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The project consisted of the construction of a new sign at the northeast corner of 8th Avenue and Riverside Drive in Palmetto. As the project engineer/manager, Yudelsy was responsible for exploring the general subsurface conditions with respect to the proposed construction, and geotechnical engineering recommendations for foundation design and site preparation.		
d.	Sarasota County-Public Works, Proposed Temporary Fire Station 12 (Sarasota, Florida)	2016	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The project consisted of placement of a temporary fire station (modular home) with associated pavement areas. As the project engineer/manager, Yudelsy was responsible conducting an exploration to evaluate the general shallow soil conditions within the subject area and to recommend an allowable soil bearing capacity within the explored depth.		
e.	Sarasota Memorial Hospital, Proposed Urgent Care Addition (Sarasota, Florida)	2014	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The project involved constructing four commercial buildings ranging from approximately 3,771 to 24,000 sf with associated pavement and stormwater pond. As the project engineer/manager, Yudelsy was responsible for exploring the general subsurface conditions at the site, interpreting and reviewing the subsurface conditions with respect to the proposed construction, and geotechnical engineering recommendations for foundation design, groundwater control, and pavement design.		

4 — TEAM'S PREVIOUS EXPERIENCE/PROFICIENCY IN SIMILAR PROJECTS/PROGRAMS

Our **Kimley-Horn** team has been working for the City of North Port in various disciplines for over 20 years now. We have been working directly with the utilities team on various projects from the development of the new Southwest Wastewater Reclamation Facility (SWWWRF) and Southwest Water Treatment Plant (SWWTP), to our existing contracts for Engineering Services for Water Distribution Main on San Mateo Drive from Price Boulevard to Hillsborough Boulevard, and the Water Transmission Main from Myakkahatchee Creek Water Treatment Plant to Ortiz Boulevard. Our previous experience with various control structures, sidewalks and roadway projects with other City disciplines gives our team a depth of historical knowledge and experience with the City's construction design standards, practices, and procedures. We have a depth of local resources available and can provide the City of North Port Utilities team with comprehensive and cost-effective solutions with rapid local delivery of all project disciplines. There is no better team to make sure that your project is completed on schedule and within budget.

Not only has our team of professionals (including our subconsultants) worked together for several years, but they have significant experience with these type of continuing service contracts. Kimley-Horn currently holds 48 public utility continuing service contracts in Florida and locally holds continuing service contracts with entities such as, but not limited to, the City of Venice, Englewood Water District, City of Sarasota, Town of Longboat Key, City of Cape Coral, Fort Myers Beach, Lee County and both Sarasota and Manatee Counties. Our extensions and/or recent re-selection for general utility engineering services, exemplifies our ability to perform under these types of contracts. The table below shows some of our completed services under these general service contracts.

Local Entity	Services Provided	Team Members
City of Venice	Water supply planning, capacity analysis and concurrency tracking for water and wastewater, water main replacement and looping, construction observation for linear piping and clearwells	Ashley Miele, Lance Littrell, Madeline Kender, Rocco Angerami, Heather Ripley, Kelley Klepper, Philip DiMaria
Englewood Water District	Aquifer Storage Recovery (ASR) well rehabilitation	Ashley Miele, Madeline Kender, Matt Tebow, Lewis Bryant, Steve Romano
City of Sarasota	Force main route study, lift station analysis, large diameter force main and water main rehabilitation, review directional drill plans, utility relocations in FDOT right-of-way	Ashley Miele, Heather Ripley, Madeline Kender, Gary Nadeau, Bill Spinner
Town of Longboat Key	Neighborhood water main replacements, hydraulic modeling, lift station rehabilitation, force main replacement, roadway replacements, construction observation	Ashley Miele, Madeline Kender, Chuck Starling, Rocco Angerami
Peace River Water Supply Authority	Vertical turbine pump rehabilitation, equipment evaluation and replacement recommendations	Ashley Miele, Madeline Kender
City of Cape Coral	Water treatment plant equipment evaluation, bridge condition assessment	Matt Tebow, Seth Schmid
Sarasota County	Support for consent order requirements, construction inspections, vibration analysis, utility relocations, large diameter pipelines, pump station improvements, hydraulic modeling	Gary Nadeau, Ashley Miele, Sam Nehme, Rocco Angerami, Madeline Kender, Steve Romano
Manatee County	Infiltration and inflow studies, lift station and collections system rehabilitation, utility relocations, FDOT utility relocations, system looping, value engineering construction plans	Heather Ripley, Jordan Walker, Steve Romano



These services demonstrate that our team has all the necessary expertise to provide the services identified in the City of North Port professional engineering services continuing services contract. Additionally, Kimley-Horn has an array of other in-house services that could be provided to City of North Port, including:

Permitting Compliance and Regulatory Assistance

Permitting is a key task in any project and we have an excellent track record and strong relationships with regulatory agencies. We have extensive experience in planning, environmental assessment preparation, funding application preparation, rate studies, design, and construction of wastewater collection and treatment projects. Our team not only understands permitting agency procedures but also their expectations, enabling us to minimize delays and rework of our clients' submittals.

Vacuum Sewer

Kimley-Horn has the capacity to provide unique services such as vacuum sewer system design, permitting, and construction for projects of various size. The vacuum sewer system is an economical alternative to traditional gravity sewer and provides a low maintenance, efficient sewage collection system with the potential for significant environmental protection impact. Our team has experience implementing these systems within high-end residential communities with small footprints, as well as large commercial/industrial areas such as shopping centers, office complexes and apartment complexes. As a multidisciplinary firm, we are able to assist with the aesthetic integration of pump stations within residential areas by taking advantage of our structural and landscape architectural team. We also have the capacity to provide odor control for each station to avoid residential grievances. Previously constructed vacuum sewer systems have been operating for more than five years now with no problems or complaints from operation staff or residents. For projects making use of traditional gravity sewer systems, our team has extensive experience in design, permitting and construction. We understand the disruption that gravity sewer installations bring to existing neighborhoods and are well equipped to address maintenance of traffic impacts, conflicts with existing utilities and residents' concerns. Our team will work to communicate information on construction sequencing and schedules to your community residents as their buy-in is vital for project success.

Infiltration and Inflow

Infiltration and Inflow (I&I) evaluations are a specific service that Kimley-Horn has provided to many of our clients. This service has ranged from small desktop evaluations to large programs with detailed flow measurement and CCTV investigations of collection systems. Many older communities in Florida are experiencing larger I&I problems in recent years due to aging infrastructure. This has become most prevalent in coastal communities. In Florida, we have developed an I&I team out of our St. Petersburg office that has developed very specific and recent experience with performing these evaluations. Some of our most recent evaluations have been for the City of St. Pete Beach and for Manatee County. We have NASSCO-certified engineers who are experienced at evaluating the condition of the pipelines and manholes. This experience is frequently used to develop a prioritized annual plan for rehabilitation projects to reduce the I&I in the collection system.

Environmental Assessments

Kimley-Horn's commitment to Florida's natural environment is reflected in the work we have performed on numerous parks, preserves, and sensitive environmental areas throughout the state. Kimley-Horn maintains an experienced team of environmental scientists, geologists, hydrogeologists, biologists, planners, and field technicians with expertise in a wide range of environmental planning services including:

- Wetland delineation, assessment, and mitigation
- Biological assessment/analysis and habitat conservation plans
- Marine and coastal ecology
- Phase I and II environmental site assessments
- Water quality assessment and monitoring
- Environmental impact studies/NEPA documentation
- Habitat restoration and management plans
- Watershed and stormwater management
- Maintenance/monitoring of natural systems
- Conservation planning and sustainable design
- Native landscape design



Funding/Grant Assistance

Obtaining adequate funding and the identification of potential funding sources is necessary to successful project implementation. If needed, our project team will work to identify alternative funding and financing strategies within three categories: secured funding sources, anticipated funding sources, and potential funding sources. Kimley-Horn has obtained more than \$98 million in grant dollars in Florida for public clients involving Community Development Block Grant (CDBG), Florida Department of Environmental Protection State Revolving Fund (SRF) loan administration, providing Davis-Bacon Act compliance. In addition, our staff supplies effective and often innovative methods for helping to ensure public participation and support.

Asset Management

Asset management is the systematic and coordinated activities and practices through which an organization optimally and sustainably manages its assets and asset systems, their associated performance, risk, and expenditures over their life cycles for the purpose of achieving its organizational strategic plan. The goal of asset management is to meet a required level of service, in the most cost-effective manner, through the management of assets for present and future customers.

Components of an Asset Management Program include:

- Asset Management Plan
- Asset Management Policy
- Asset Management Strategy
- Standard Operating Procedures
- Regulatory Compliance and Assistance

Kimley-Horn’s engineers, scientists, and planners maintain regular contact with virtually all key regulatory agencies and their decision makers. Our reputation among the professional staff of these agencies is among the best. This rich network of interpersonal relationships enables us to provide expeditious services relative to agency reviews and approvals. Our staff understands agency procedures and expectations. In addition, Kimley-Horn remains abreast of changes to applicable codes, standards, and regulations as they apply to each specific discipline. Our civil engineering and landscape architectural design professionals refer to EPA, ADA, OSHA, and NFPA codes, standards, and regulations pertaining to all site planning and site design assignments we undertake. Administration of many of these applicable codes, standards, and regulations has been delegated to state and local regulatory agencies.

We have successfully represented clients before numerous federal, state, and local agencies and have an excellent working relationship with all the water management districts. We are experienced in preparing permit applications, know what is required to gain approval, and excel in providing the high level of coordination that facilitates the permitting process. Oftentimes, our reliable, established contacts enable us to obtain early, candid assessments of a project’s permitability or compliance issues.

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

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State) Palm Beach County Water Utilities Department Water Treatment Plant #11 (WTP #11) Operational Improvements, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (if Applicable) 2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Palm Beach County Water Utilities Department (PBCWUD)	b. POINT OF CONTACT NAME Pollop Phonpornwithoon, PMP	c. POINT OF CONTACT TELEPHONE NUMBER 561.493.6247
---	---	--

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

Kimley-Horn provided support in restoring lost treatment capacity and improving operations of the 10-MGD Lake Region RO WTP #11, a brackish water treatment facility. The facility had struggled with a rapid decline in raw water quality and the Kimley-Horn team was instrumental in helping restore plant capacity through enhancements to the WTP and operational improvements. The Kimley-Horn team designed energy recovery improvements to the reverse osmosis (RO) system and identified several operational changes to optimize system recovery, including:



- Piggy back sulfuric acid contract, which saved more than \$700,000 annually for the Utility
- Improved acid injection detail, which eliminated costly static mixer replacement
- Improved plant and wellfield operating plan
- Relieved plant operators of “white-knuckled” startups
- Restored treatment capacity with energy recovery devices
- Reduced energy costs by more than 25%!
- Mitigated need for membrane cleaning
- Identified flow meter issues with reverse osmosis (RO) trains
- Drastically reduced noise levels in process room through the use of interstage energy recovery devices

The Clearwell and Post-Treatment Evaluation project consisted of an overall evaluation of the post-treatment system to the reverse osmosis WTP #11. The evaluation report provided recommendations to help improve the water quality produced at Lake Region Water Treatment Plant for both aesthetic and regulatory considerations. Our team developed finish water quality goals, conducted a clearwell evaluation, analyzed the odor control scrubber and lift station issues, and prepared a summary report for implementation by the County.

Recommendations included within the report were sufficiently detailed to support immediate construction through a series of design-build contracts. Additionally, the County called on Kimley-Horn to prepare the Priority 1 Clearwell Improvements to perform onsite testing with the carbonic acid solution and lime slurry application systems. The summary report incorporated recommendations that led to chemical supply quality verification and aesthetic water quality improvements.

Coupling closely with the post-treatment, Kimley-Horn’s Acid Elimination Evaluation provided the technical analysis to support removing sulfuric acid from the facility. The hazardous chemical was evaluated against using carbon dioxide for pH process adjustment through the pre-, and post- treatment systems of the brackish water RO facility.

Cost: \$2.3 million

Discipline Group: Water Treatment; Operational Improvements

Key Staff: Mark Miller, P.E.

Additional Staff on Proposed Team: Nick Black, P.E.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Project Management; Water Treatment
----	---	---	---

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 2
---	--

21. TITLE AND LOCATION <i>(City and State)</i> Water Treatment Plant No. 8 Rehabilitation and Replacement Evaluation, Palm Beach County Water Utilities Department, Palm Beach County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Palm Beach County Water Utilities Department (PBCWUD)	b. POINT OF CONTACT NAME John Visconti	c. POINT OF CONTACT TELEPHONE NUMBER 561.493.6149
---	---	--

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

Kimley-Horn was retained to conduct a condition assessment and rehabilitation and replacement evaluation of WTP #8 to identify the improvements needed to maintain water production for the next 10 years. This evaluation will be used to develop a project scope of improvements that be implemented in the next year as part of the master capital improvement plan. The project also includes:



- evaluating replacement and standardization of the existing carbon dioxide feed system
- anion exchange vessel and resin replacement evaluation
- finish water distribution flow meters and plant service water supply evaluation
- wash water recovery basin and decant system evaluation
- polymer and sodium hexametaphosphate additional evaluation
- high service pump replacement and pipe chase access and upgrade evaluation
- lime softening flume evaluation
- electrical improvements evaluation

Cost: \$79,164 (fee to date)

Discipline Group: Condition Assessment and Rehabilitation

Key Staff: Mark Miller, P.E.

Additional Staff on Proposed Team: Nick Black, P.E., Andrea Carpenter, P.E.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Project Management; Water Treatment
b.	(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 3
---	---

21. TITLE AND LOCATION (City and State) Jackson County Utility Authority (JCUA) Regional State Revolving Fund (SRF) Tucker Road Pump Station 6 Pascagoula, MS	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019- Facilities Plan Design-Ongoing	CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Jackson County Utility Authority	b. POINT OF CONTACT NAME Chase Glisson	c. POINT OF CONTACT TELEPHONE NUMBER 228.762.0119, x5306
---	--	--

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



Kimley-Horn assisted JCUA with the preparation of a facilities plan for a state revolving fund project to evaluate alternatives to improve the operating conditions of the 24-inch diameter Washing Avenue force main. The existing Washing Avenue force main is adversely impacted by high flows and pressures during

wet weather events. Implementation of this project will help to alleviate the high-pressure events and improve pumping conditions at the respective pump stations connected to the force main system. Of the four alternatives evaluated, it was recommended to proceed with the design of a new triplex Pump Station 6, and to incorporate an inline wastewater pressure reducing station to reduce operation pressures in the Washington Avenue force main, and to design force main and gravity sewer improvements. System evaluation activities included the development and calibration of a hydraulic model to evaluate the existing conveyance system operation, incorporation of the planned design improvements, and modeling efforts to assist in defining the control of operation.

The hydraulic model consists of two upstream pump stations with a combined system flow of 5,500 gpm, an inline pressure reducing station designed for 6,000 gpm peak hour flow, the proposed pump station 6 (3,000 gpm) located downstream of the PRS, and approximately 46,000 linear feet of 24-inch diameter force main. The design of the proposed improvements includes demolition of the existing pump station 6, approximately 1,500 feet of new 24-inch diameter gravity sewer, 1,000 linear feet of 24-inch horizontal directional drill, 1,000 linear feet of 10-inch diameter force main slip-lining, an above grade inline quadruplex pressure reducing station utilizing 110 Hp dri-pit submersible pumps, a new triplex submersible pump station with 130 Hp pumps, onsite generator, bypass connections for diesel bypass pump (temporary or permanent), pigging connections, controls, and odor control. Pump station 6 and the pressure reducing station will be operated utilizing VFD's and remotely monitored via SCADA.

Cost: Facilities Plan: \$50,752 (fee)/ Design: \$131,811 (fee to date)

Discipline Group: Pump Station Design

Key Staff: Chuck Starling, P.E.

Additional Staff on Proposed Team: Jordan Walker, P.E.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Kimley-Horn and Associates, Inc.	Mobile, AL	Project Management; Pump Station Design; Hydraulic Modeling
b.	Kimley-Horn and Associates, Inc.	St. Petersburg, FL	Pump Station Design
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

(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER

4

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

Manatee County Southeast Water Reclamation Facility (SEWRF) Storage Lakes and Reclaimed Pump Back Station Improvements, Manatee County, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2016

CONSTRUCTION (if Applicable)
Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Manatee County

b. POINT OF CONTACT NAME

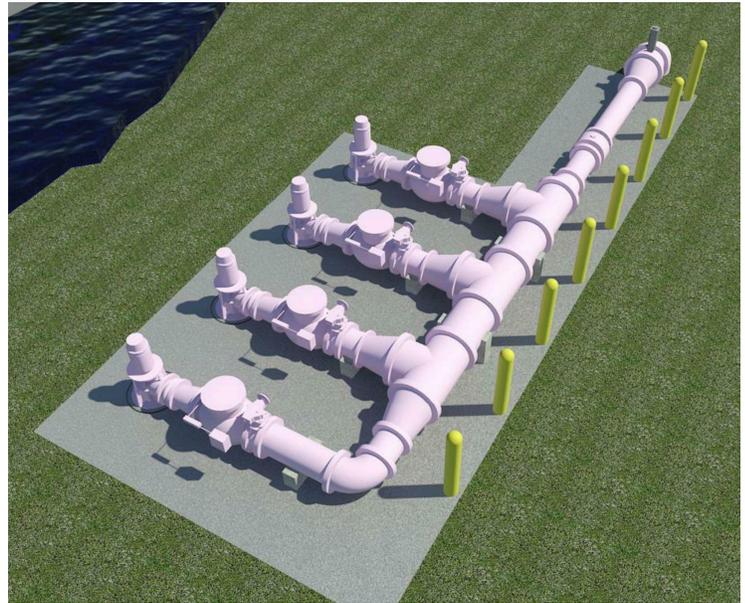
Anthony Benitez, P.E.

c. POINT OF CONTACT TELEPHONE NUMBER

941.708.7450

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

The project included the design for the replacement of the two existing reclaimed water pump back stations for the Southeast Water Reclamation Facility (SEWRF) South 2 and East Reclaimed Water Storage Lakes. As part of our preliminary design efforts, Kimley-Horn evaluated several options to replace the existing reclaimed water pump back stations, while increasing the overall pumping capacity to 10.0 MGD, matching the capacity of the existing Lake Filtration System. Ultimately it was determined to design and construct one centralized pump station with a pumping rate of 10.0 MGD. New intake pipes from the East and South 2 Reclaimed Storage Lakes were required, including relocation of the existing reclaimed water intake structures.



The new reclaimed pump back station is located adjacent to South Lake 2 Reclaimed Storage Lake. New 24-inch discharge piping, approximately 3,500 LF, from the reclaimed pump station to the Lake Filtration System was required. In addition to the components associated with the reclaimed pump back station, the project included new floating boat docks in the East and South 2 Reclaimed Storage Lakes, emergency overflow structures in each lake, regrading of the East Lake pond bottom and berm, new discharge structures, and demolition of the existing equipment. The preliminary design efforts included an evaluation to reduce algae blooms in both storage lakes, as well as a bathymetric survey of both storage lakes to determine the true storage capacity.

Cost: \$750,000 (Contract value)

Discipline Group: Pump Station Design

Key Staff: Steve Romano, P.E.; Ashley Miele, P.E.; Chuck Starling, P.E.; Seth Schmid, P.E.

Additional Staff on Proposed Team: Jordan Walker, P.E.; Madeline Kender, E.I.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Kimley-Horn and Associates, Inc.	Sarasota, FL	Quality Control
b.	Kimley-Horn and Associates, Inc.	Orlando, FL	Project Management, Pump Station Design
c.	Kimley-Horn and Associates, Inc.	St. Petersburg, FL	Design Engineers
d.	Kimley-Horn and Associates, Inc.	Mobile, AL	Quality Control
e.	Hyatt Survey Services, Inc.	Bradenton, FL	Survey

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
5

21. TITLE AND LOCATION <i>(City and State)</i> Southwest Wastewater Reclamation Facility (SWWWRF) North Port, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (if Applicable) 2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER West Villages Improvement District	b. POINT OF CONTACT NAME Brad Soule	c. POINT OF CONTACT TELEPHONE NUMBER 941.999.4822 x103
---	---	--

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

Kimley-Horn provided a full range of engineering and hydrogeologic consulting services for the Southwest Wastewater Reclamation Facility (SWWWRF). Kimley-Horn prepared construction plans, technical specifications, and operation and maintenance protocols for the SWWWRF. Kimley-Horn coordinated with WVID and City of North Port Utilities staff including engineers, plant operators, and field operations for design, construction, startup, and conveyance of the facility. Design components for the treatment plant included site civil services, mechanical process design,



concrete process tank design, and 3D modeling using AutoCAD and Revit software. Throughout the construction management at risk (CMAR) process, Kimley-Horn worked with the CMAR representative, WVID, and City staff to optimize construction of the proposed facility. Kimley-Horn evaluated existing conditions of the infrastructure upstream of the SWWWRF and prepared a hydraulic analysis of the Island Walk and Gran Paradiso development master pump stations, along with three additional existing lift stations manifolded into the City's 12" transmission force main, to determine modifications required to redirect the discharge of wastewater from the City's existing reclamation facility to the SWWWRF headworks. Kimley-Horn prepared plans and specifications for the construction of a Class I industrial Deep Injection Well (DIW) for the disposal of high level disinfected secondary treated municipal effluent from the SWWWRF and membrane concentrate (brine) for the future WVID reverse osmosis (RO) water treatment plant (WTP). Kimley-Horn coordinated with the well driller and hydrogeologists to permit, inspect, and certify the underground injection control (UIC) system. Permitting agencies we coordinated with include the Southwest Florida Water Management District (SWFWMD), Florida Department of Environmental Protection and Department of Health in Tallahassee and Sarasota, U.S Army Corps of Engineers (USACE), Florida Department of Transportation, and City of North Port Neighborhood and Development Services.

Cost: \$42 million (construction)

Discipline Group: Wastewater Treatment Plant Design

Key Staff: Ashley Miele, P.E.; Lewis Bryant, P.E.; Steve Romano, P.E.; Seth Schmid, P.E., Chuck Starling, P.E., Matt Tebow, P.E.

Additional Staff on Proposed Team: Rocco Angerami; Madeline Kender, E.I.; Deirdre Lynch, E.I.; Jordan Walker, P.E.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Sarasota, FL	(3) ROLE Project Management, Wastewater Treatment Design
b.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Orlando, FL	(3) ROLE Wastewater Treatment Design
c.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Ocala, FL	(3) ROLE Wastewater Treatment Design
d.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Wastewater Treatment Design
e.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Mobile, AL	(3) ROLE Wastewater Treatment Design
f.	(1) FIRM NAME ASRus, LLC	(2) FIRM LOCATION <i>(City and State)</i> Tampa, FL	(3) ROLE Hydrogeology
i.	(1) FIRM NAME Universal Engineering Sciences,	(2) FIRM LOCATION <i>(City and State)</i> Orlando, FL	(3) ROLE Geotechnical

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> North Port Engineering Services for Water Distribution Main on San Mateo Drive from Price Blvd. to Hillsborough Blvd., North Port, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of North Port	b. POINT OF CONTACT NAME Jennifer Fehrs, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 941.240.8008
--	--	--

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



North Port Utilities retained Kimley-Horn for design, bid, and construction phase services for a 10-inch water distribution main, approximately 15,800 linear feet in length, along San Mateo Drive from Price Boulevard to Adelaide Ave. The water main will be constructed within the right-of-way along the west side of San Mateo Drive, adjacent to the Public Works planned San Mateo sidewalk project, and will be constructed in a single phase estimated to begin in Winter 2020. The 10-inch distribution main will be installed via open-cut and will connect to existing water mains at cross-streets along the project route to loop the City's system, maintaining water quality and reducing water age. Kimley-Horn coordinated with the City for design and placement of stubbed-out connection points so the City can easily extend the distribution system in the future. New water service lines will be installed to provide a point of connection for residents on private well service and existing service lines will be replaced. A water age analysis was performed using the City's existing InfoWorks potable water model which confirmed the proposed transmission main line size and its effect on water age. Findings from the analysis were summarized in a technical memorandum. Kimley-Horn is also currently updating the InfoWorks model with recent infrastructure improvements and controls, then calibrating the model and summarizing data collection and updates in a technical memo. Kimley-Horn worked closely with operators and City Utilities staff for data collection, system input, and to develop and implement a fire hydrant testing plan. Permitting efforts included coordination with the Florida Department of Environmental Protection/Department of Health in Sarasota County, Army Corp of Engineers, Southwest Florida Water Management District, and North Port Neighborhood and Development Services.

Cost: \$ 311,136 (fee to date)

Discipline Group: Water Transmission Design

Key Staff: Ashley Miele, P.E; Heather Ripley, P.E.

Additional Staff on Proposed Team: Rocco Angerami; Madeline Kender, E.I.; Deidre Lynch, E.I.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Sarasota, FL	(3) ROLE Project Management, Water Transmission Design
b.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Mobile, AL	(3) ROLE Water Transmission Design
c.	(1) FIRM NAME Hyatt Survey Services, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Bradenton, FL	(3) ROLE Water Transmission Design
d.	(1) FIRM NAME Universal Engineering Sciences, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Orlando, FL	(3) ROLE Geotechnical

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) North Port Water Transmission Main from Myakkahatchee Creek Water Treatment Plant to Ortiz Blvd., North Port, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER North Port Utilities	b. POINT OF CONTACT NAME Jennifer Fehrs, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER 941-240-8008
--	--	--

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

North Port Utilities retained Kimley-Horn to design and permit a 16-inch transmission main from Myakkahatchee Creek Water Treatment Plant to Ortiz Boulevard, approximately 9,500 linear feet in length. The design included a combination of horizontal directional-drills and open-cut portions to optimize cost and limit surface restoration. The proposed drills range in length from 173 to 1,175 linear feet, one of which will cross the Myakkahatchee River within FDOT right-of-way, adjacent to an existing bridge structure. Kimley-Horn also evaluated impacts to recent FDOT shared-path improvements along US-41 which were in final design stages and construction during design of the transmission main. The project team coordinated with the City's Utilities Department for construction phasing and determining the pipe alignment to maintain access for businesses along the route and utilize existing City easements. Kimley-Horn coordinated with public and private utility owners for impacts and with other design engineers responsible for other portions of the project currently underway. Kimley-Horn is currently assisting with bid phase services for this project. Permitting agencies coordinated with include the Florida Department of Environmental Protection/Department of Health in Sarasota County and Ft Myers, the Army Corp of Engineers, Florida Department of Transportation, and North Port Neighborhood and Development Services.



Cost: \$322,056 (fee to date)

Key Staff: Ashley Miele, P.E.

Additional Staff on Proposed Team: Madeline Kender, E.I.; Deidre Lynch, E.I.; Rocco Angerami

Discipline Group: Water Transmission Design

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Kimley-Horn and Associates, Inc.	Sarasota, FL	Project Management: Water Transmission Design
b.	Kimley-Horn and Associates, Inc.	Mobile, AL	Water Transmission Design

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) Cape Coral Southwest Water Reclamation Facility (SWWRF) Process Evaluation and Optimization Analysis Cape Coral, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Cape Coral	b. POINT OF CONTACT NAME Matthew Astorino	c. POINT OF CONTACT TELEPHONE NUMBER 239.574.0831
---	---	---

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

Kimley-Horn created hydraulic and biological process models of the 15.0-MGD Southwest Water Reclamation Facility (SWWRF) and conducted a detailed evaluation of the hydraulic and biological process performance. The biological process and hydraulic models investigate the likely impact of different operational strategies and/or changes to the process configuration. The goal of the analysis is to evaluate process modifications that will result in increased biological nutrient reduction, reduce chemical use, and increase energy efficiency at the SWWRF. The analysis methodology, calibration results, analysis discussion and results, and recommendations are summarized. The capital projects needed to implement the recommendations and a budget level opinion of probable construction cost for each capital project are included.



Cost: \$24,291 (fee to date)
Key Staff: Matt Tebow, P.E.

Discipline Group: Operational Improvements

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Project Management; Wastewater Treatment; Operational Improvements
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

b.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Ocala, FL	(3) ROLE Wastewater Treatment
c.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Orlando, FL	(3) ROLE Wastewater Treatment
d.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach	(3) ROLE Wastewater Treatment
e.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> St. Petersburg, FL	(3) ROLE Wastewater Treatment
f.	(1) FIRM NAME Hyatt Survey Services, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Bradenton, FL	(3) ROLE Survey

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 (City and State) West Villages Improvement District Southwest Water Treatment Plant, North Port, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER West Villages Improvement District	b. POINT OF CONTACT NAME John Luczynski	c. POINT OF CONTACT TELEPHONE NUMBER 941.724.4473
--	--	--

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

Kimley-Horn is retained to provide professional services for the design of a water treatment plant (ETP) to be located at the northwest corner of the intersection of the future West Villages Parkway and future Manasota Beach Road. The facility is planned to utilize reverse osmosis (RO) membrane treatment and will be constructed in two phases equaling 5 MGD.

Due to an aggressive schedule, the deliver method will be Construction Manager at Risk (CMAR) and our team helped select and coordinated with the CMAR throughout the design and preconstruction. Once constructed, it is anticipated the ownership of the facility will be dedicated to the City of North Port for ownership, operation, and maintenance. Therefore, all design elements, manufacturer requirements and treatment preferences will be approved by the City. Kimley-Horn prepared Preliminary Design Report, and is providing WTP design services and construction plans, source water hydraulic modeling and water quality projections, environmental and permitting services, raw water wellhead and main designs, and concentrate line design services.

Cost: \$873,707 (fee to date)

Discipline Group: Water Treatment Plant Design

Key Staff: Ashley Miele, P.E.; Lance Littrell, P.E.; Heather Ripley, P.E.; Steve Romano, P.E.; Ty Gremaux, P.E.; Chuck Starling, P.E., Seth Schmid, P.E.

Additional Staff on Proposed Team: Rocco Angerami; Madeline Kender, E.I.; Deirdre Lynch, E.I.



City of North Port Myakkahatchee Reverse Osmosis System

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Kimley-Horn and Associates, Inc.	Sarasota, FL	Project Management; Water Treatment Plant Design
b.	Kimley-Horn and Associates, Inc.	Orlando, FL	Water Treatment Plant Design
c.	Kimley-Horn and Associates, Inc.	Mobile, AL	Water Treatment Plant Design

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Ashley Miele, P.E.	Client Manager; Lead: Pipeline Design & Permitting				X	X	X	X		X	X
Doug Eckmann, P.E., BCEE, D.WRE, F.ASCE	QA/QA; Lead- Surface Water Treatment										
Steve Romano, P.E.	QA/QC; Lead- Wastewater Treatment				X	X				X	X
Lewis Bryant, P.E.	Lead- Master Planning and Hydraulic Modeling					X				X	
Mark Miller, P.E.	Lead- Membrane Treatment	X	X								
Lance Littrell, P.E.	Lead – Indirect and Direct Potable Reuse										X
Charles Starling, P.E., BCEE	Lead – Pump Stations and Storage			X	X	X					
Heather Ripley, P.E.	Lead- Utility Relocations and Construction Phase Services/CEI						X				X
Seth Schmid, P.E.	Lead- Structural				X	X				X	X
Ty Gremaux, P.E.	Lead- Site/Civil										X
Kelley Klepper, AICP	Lead – Growth Planning										
Erin Emmons, GISP	Lead - GIS										
Matt Tebow, P.E.	Direct and Indirect Potable Water Reuse					X			X	X	
Nick Black, P.E.	Membrane Treatment	X	X								
ASRus, LLC	Hydrogeological					X					
EarthBalance Corporation	Environmental										
Hyatt Survey Services, Inc.	Survey/SUE				X		X	X		X	
RKS Consulting Engineers, Inc.	Electrical/I&C										
Universal Engineering Services, Inc.	Geotechnical					X	X	X			X

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Palm Beach County Water Utilities Department (PBCWUD) WTP #11 Operational Improvements	6	Water Distribution Main on San Mateo Drive from Price Blvd. to Hillsborough Blvd.
2	Water Treatment Plant No. 8 Rehabilitation and Replacement Evaluation, Palm Beach County	7	North Port Water Transmission Main from Myakkahatchee Creek WTP to Ortiz Blvd.
3	Jackson County Utility Authority Regional State Revolving Fund (SRF) Tucker Road Pump Station 6	8	Cape Coral Southwest Water Reclamation Facility Process Evaluation and Optimization Analysis
4	Manatee County Southeast Water Reclamation Facility Storage Lakes and Reclaimed Pump Back Station Improvements	9	Manatee County 7.5-MGD North County Regional Water Reclamation Facility Flow Equalization Tank
5	Southwest Wastewater Reclamation Facility (SWWWRF)	10	West Villages Improvement District Southwest Water Treatment Plant



5 — MANAGEMENT APPROACH/PROJECT CONTROL

Project Approach

As part of Kimley-Horn’s core values, we go the extra mile to make sure we are effectively serving our clients. Kimley-Horn has a proven track record of meeting our clients’ needs on schedule and within budget over the last 53 years. Our success is due to a combination of the following:

- ✓ effective project management
- ✓ strong technical expertise
- ✓ steadfast quality control program

We approach each general consulting contract as a partnership, working to develop the relationship with our clients until they see us as a trusted advisor, not just a firm to turn to for a set of construction plans. To do that, we strive to better understand the client’s business and remain an integral part of the community.

Project Management

Kimley-Horn’s project management philosophy is to provide effective leadership and foster collaboration throughout the duration of a project. Our approach to project management is characterized by the following proven philosophies and policies which are ingrained in Kimley-Horn’s culture:

- ❖ Develop a clear understanding of the City’s vision for the project
- ❖ Develop a comprehensive work plan and schedule to accomplish the project
- ❖ Set milestones that support the schedule of delivery
- ❖ Production management for milestone delivery and staffing needs
- ❖ Regularly communicate with the City on project status
- ❖ Create an atmosphere that encourages teamwork and efficiency to successfully complete the project within budget and on schedule

To serve you with the utmost ability and quality, we have assembled a team with **Ashley Miele, P.E.** as your Client/Project Manager. Ashley has a passion to serve the City under this contract and will always be looking out for the City’s best interest in all aspects of the project. She has proven her success with continuing services contracts and looks forward to helping provide the City with the service that they deserve.

Communication is the foundation of good project management and with core values such as honesty and integrity we want our clients to trust that we will make them aware of any project concerns, including impacts to scheduling and budgets, immediately. With the recent changes in our society due to COVID-19, Kimley-Horn has remained committed to providing the same quality of client services and dedication to our communication skills. Within a few weeks we seamlessly shifted our employees from 90+ offices to over 4,200 virtual offices and have provided the tools and software necessary to eliminate any breaks in communication, production or efficiencies in our products and service. During these times we will tailor any of our communication for what works best for the City.

Scope and Fee Preparation and Notice to Proceed

The overall approach after a team has been selected begins with an initial scoping meeting with City staff and the project team to become aware and understand the City’s goals and needs for the project. The development of the scope and fee proposal is critical to the success of a project and must provide a clear understanding of the task expectations and deliverables.

Implementing a detailed work plan is our first step in budget and schedule control and provides the foundation for a successful project. Involving all of the team members ensures adequate hours and dates are included from the start and provides a path for each team member to work from. The work plan is then tracked and compared to the budget,



invoices and schedule on a mid-month or monthly basis to catch any additional effort or time that may be required on the tasks. This process helps identify any issues and concerns early in the project and allows us to bring any budget and schedule control concerns to our client’s attention well before they happen. This approach guarantees schedule and budget control and ensures projects stay on track with a successful outcome.

Preliminary Engineering

The first stage of any project will be preliminary engineering. This can be accomplished either through completion of full preliminary design reports or technical memorandums, or through a review of an existing document that has been produced by others. For some projects this phase may involve hydraulic or process modeling, route analysis, review of record drawing data and identification of constructability obstacles, data collection of SCADA or water quality testing and other various tasks. The goal of this phase is to determine an approach or cost-effective strategy to identify options to achieve the project goals, leading to more cost-effective solutions and realistic project milestones.



Wastewater Reclamation Facility Improvements and Optimization

Wastewater treatment facility improvements and optimization projects are one of the many things Kimley-Horn does best. Kimley-Horn has established a local team of experts that are experienced and technically proficient with wastewater treatment design and optimization, including **Steve Romano, P.E.** and **Matt Tebow, P.E.**

Typically, our team begins wastewater treatment improvement/optimization projects by conducting a thorough review of operational history and visiting existing facilities to understand the treatment processes and discuss operational issues with plant staff. We will use data collected from the preliminary design phase to develop cost effective solutions for operations and further refine them by incorporating input from plant staff. When appropriate, we will prepare biological process models using BioWIN software for verification and operational optimization, if not already provided during preliminary engineering. As you know from our experience with the SWWRF, we maintain close contact with operations staff to provide continued assistance long after the project is complete. Our project team has extensive experience with virtually every treatment process and we know an important factor in facility design is maintaining operation of the existing facilities.

Water Treatment Facility Improvements and Optimization

Water treatment facilities including surface water and membrane treatment can include various types of project from operations optimization to rehabilitations, and Kimley-Horn team has experienced it all. Similar to the wastewater reclamation facilities projects these projects will also involve extensive coordination with operations and maintenance staff. Our team leader **Mark Miller, P.E.** has been the leading expert in water treatment and implemented one of the first polyfluoroalkyl substances (PFAS) systems in Florida. Mark has over 30 years of experience and has dealt with all aspects of water treatment from membrane concentrate disposal, operations optimization, desalination to ASR’s and well rehabilitations. Also, one of our new hires **Doug Eckman, P.E.** has been known locally in the area as the lead surface water treatment expert. Mark and Doug together with their teams will work with City staff to determine City’s needs and cost-effective solutions to these projects. If there is any team that understands the existing water treatment plants within the City of North Port it is the Kimley-Horn team since we are currently underway with the design of the new Southwest Water Treatment Facility. The team is familiar with the operations, water quality degradation, surface water complications and the wants and needs to future improvements at the existing facility. Water is a valuable resource specifically within the City of North Port with the increasing water quality degradation and therefore these projects will be critical for the future growth and development of the City.

Pumping Stations and Storage

These types of projects may be more specialized in nature requiring special focus on certain project specifics pertaining to the storage or pumping station aspects. We are very familiar with the recent updates to the City's technical specifications and soon to be released utility details that significantly alter the City's new/future lift station layout and requirements. Kimley-Horn has extensive experience with bypass pumps, odor control units and variable frequency drives for wastewater pumping stations. **Chuck Starling, P.E.** was extensively involved with helping to evaluate the pumping stations within the West Village Improvement District (WVID) and helped design the high service pumping station for the SWWTP, the raw water wells for the SWWTP and the reclaim pumping station for the SWWRF. He is very familiar with both the City's wastewater and water pumping stations and storage facilities. Kimley-Horn also has experience with vacuum pump stations and has designed several vacuum pumping systems as well as provided vacuum pump station modifications. This team selected for this type of work will perform tests, evaluate data, coordinate with pump manufacture's and think outside the box to help meet the goals of any project.



Pipe Conveyance and Collection Systems

For pipeline projects we will use preliminary data, sometimes survey and subsurface utility engineering (SUE) to validate route alignments, confirm constructability and/or to investigate alternate routes. Specific construction challenges could be identified during preliminary engineering and can include roadway crossing, wetland impacts, utility conflicts and extensive permitting with various agencies that may cause schedule impacts. These are all considered before moving forward into the design of a pipeline. **Ashley Miele, P.E.** and her team have extensive experience with route analysis and the design and construction of miles of pipelines including new water transmission mains and force mains, water main and force main rehabilitations and neighborhood utility replacements. Another aspect of pipeline design is Florida Department of Transportation (FDOT) Utility relocations. Since joining Kimley-Horn a year ago **Heather Ripley, P.E.** has been involved with several Utility Work by Highway Contractor Agreements (UWHCA) and understands the FDOT process, Utility Work Schedules (UWS) and permitting requirements. With Heather and Ashley as a team on utility pipelines the City can rest assure that they will receive a quality project. Additional services could include Gravity sanitary sewer CCTV inspections, including in-house NASSCO certified review to identify leaks, sags, and structural damage. Infiltration and inflow analysis including field work and data collection as well as pipeline integrity testing.

Master Planning and Hydraulic Modeling Analysis

Master Planning for a City provides the foundation for the utility growth and assists with not only future improvements that are needed in the utility service area but also capital improvement programs and budgets for years to come. Although **Lewis Bryant, P.E.** has extensive wastewater treatment experience, his resume for master planning communities similar to the City of North Port has grown tremendously over the past few years. Lewis has helped communities save money by planning correctly for the future and thinking ahead for assistance with grant funding. While sometimes included under preliminary engineering, hydraulic modeling can often be a project itself. Kimley-Horn is currently working on evaluating the existing City's hydraulic water model. **Heather Ripley, P.E.** in our Sarasota office has been preparing testing protocols, collecting data and extensively evaluating the City's existing hydraulic model. It is important to recognize the usefulness of hydraulic modeling and the impacts that outdated modeling may have on a utility system and if anyone knows that, it's Heather. Updated hydraulic models can:

- isolate existing problems
- identify long term or short-term solutions to remediate isolated problems
- identify phased improvements
- maximize your systems efficiency.



We will work with the City, as needed to select the appropriate modeling necessary for any work to be performed. Whether it be master planning for the future or updating existing system models for new demands, our team is familiar with what it takes to identify the needs of communities.

Planning

An additional aspect that may be needed by the City is future planning. Kimley-Horn has completed various water supply plans, capacity analysis reports and future growth projections with our in-house planning team. We have partnered with them since they typically have a complete understanding of the local comprehensive plans and current up to date population forecasting and projections. We've had great success with permitting agencies such as Southwest Florida Water Management District when we involve **Kelley Klepper, AICP** because of his local knowledge with these agencies and local planning departments. Our team will work with City staff to properly represent what you foresee as the needs of your utility and community as it continues to grow.

Project Control

Kimley-Horn is sensitive to meeting client budgetary and scheduling needs and has employed a variety of measures to ensure we design a project within budget. Key components to cost control are:

Quality Control Review – Quality is one of the key attributes that has enabled Kimley-Horn to become one of the leading consulting firms in the country and it is absolutely essential to our continuing success. Quality work is the direct result of careful, properly sequenced, and supervised production, and continuous checking of each work element for completion and correctness by the task leader and client/project manager. Our structure is such that the quality review deadlines and a quality assurance/quality control manager (QA/QC) is identified during the work plan preparations. Additionally, each office has a quality control leader that participates in a monthly conference call to organize the workload of our QA/QC managers. This helps ensure all of our deadlines are met and deliverables are made on time.

Accurate and Up-to-Date Project Cost Estimates – Our knowledge of local construction costs will allow you to accurately budget for upcoming capital projects. Construction costs have seen large swings both up and down over the last five to ten years. Our technicians keep track of current construction cost data through the Florida Department of Transportation (FDOT) databases and reviewing our current projects that are being bid. Based on recent projects bids, we have seen a rise in costs and adjust unit costs in our Opinions of Probable Costs (OPCs) accordingly. We also look at trends in unit pricing so we can help our clients prepare budgets for future capital projects.

Cast-Aheads – At Kimley-Horn, production meetings are held weekly to enable staff, task managers, and project managers to stay up-to-date regarding current and projected workloads. Weekly regional production meetings are also held to assess the availability and distribution of resources among Florida's 16 offices. We know the importance of meeting our clients' deadlines, and we take the necessary steps that enable us to confidently commit to meeting yours. With our depth of staff and ability to activate resources from other offices, we can ensure your projects are completed on time. Kimley-Horn incorporates a state-of-the-art **Management Information System (MIS)** to continuously track our financial performance and productivity. The objective is to balance the workload in a manner that maximizes the utilization of production staff, while ensuring that all project requirements and client deadlines are met.

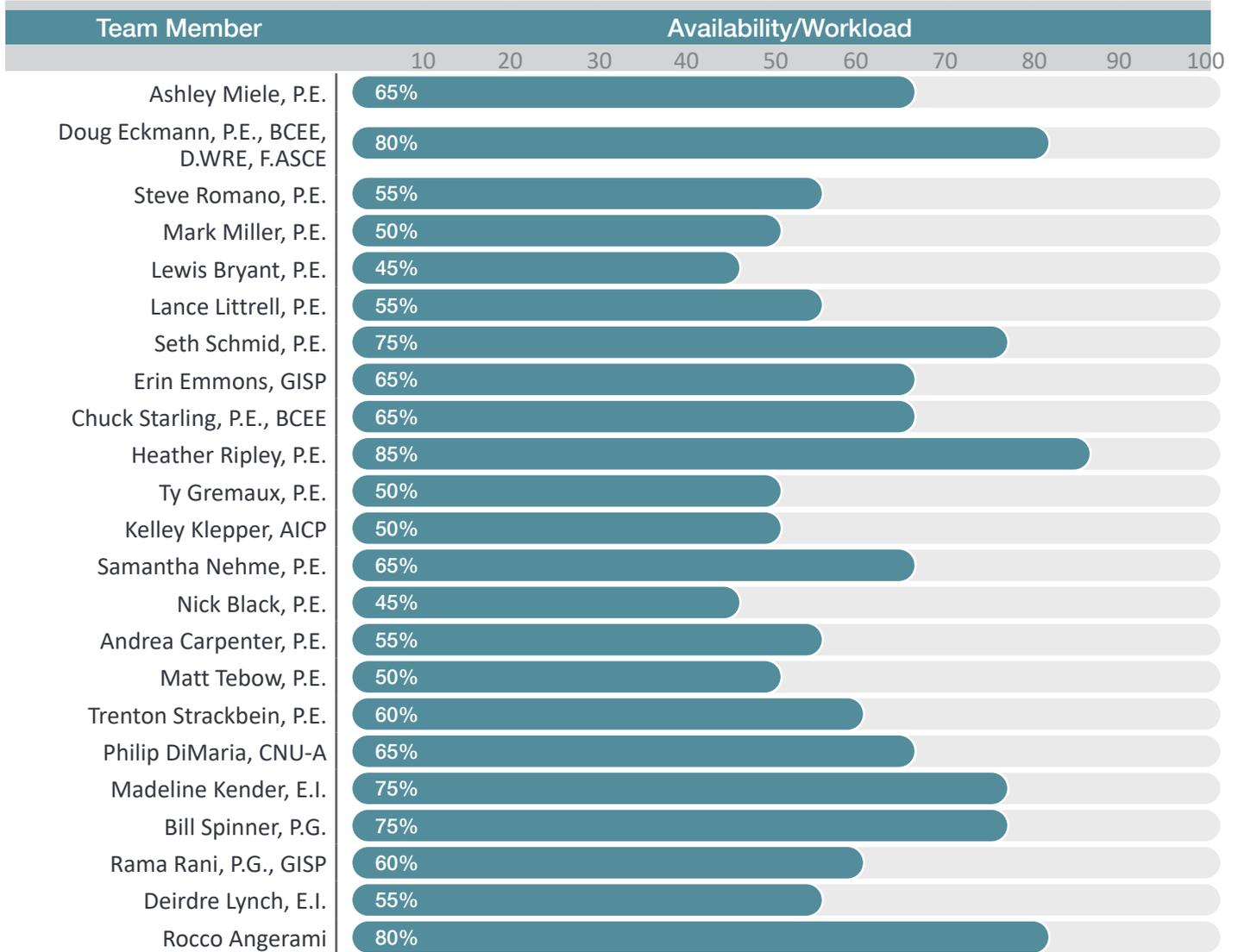
Current Workload and Staff Availability

Kimley-Horn is very progressive when it comes to understanding its current workload and has a long history of achieving successful project completion through a combination of effective project management and technical expertise. Consequently, Kimley-Horn is committed to providing the City of North Port with the highest quality staff and service to meet your project schedule and budget requirements.

Based on a review of our cast-aheads, we can assure you that the staff members selected for this team are available immediately to serve you, and are in an excellent position to handle the workload of any assignment you wish to give us. In addition, we have strategically selected subconsultant partners with the technical capability and available resources to meet your needs.



The following chart illustrates the percentage of each team member’s time that is available to be devoted to the City of North Port.



6 — REFERENCES

1. Project:

Palm Beach County Water Utilities Department (PBCWUD) Water Treatment Plant #11 Operational Improvements

Client: Palm Beach County Water Utilities Department

Reference: Pollop Phonpornwithoon PMP, Project Manager – Phone: 561.493.6247; Fax: 561.493.6113;
PPhonpornwithoon@pbcwater.com

Description of work:

Kimley-Horn provided support in restoring lost treatment capacity and improving operations of the 10-MGD Lake Region RO WTP #11, a brackish water treatment facility. The facility had struggled with a rapid decline in raw water quality and the Kimley-Horn team was instrumental in helping restore plant capacity through enhancements to the WTP and operational improvements. The Kimley-Horn team designed energy recovery improvements to the reverse osmosis (RO) system and identified several operational changes to optimize system recovery, including:

- Piggy back sulfuric acid contract, which saved more than \$700,000 annually for the Utility
- Improved acid injection detail, which eliminated costly static mixer replacement
- Improved plant and wellfield operating plan
- Relieved plant operators of “white-knuckled” startups
- Restored treatment capacity with energy recovery devices
- Reduced energy costs by more than 25%!
- Mitigated need for membrane cleaning
- Identified flow meter issues with reverse osmosis (RO) trains
- Drastically reduced noise levels in process room through the use of interstage energy recovery devices



The Clearwell and Post-Treatment Evaluation project consisted of an overall evaluation of the post-treatment system to the reverse osmosis WTP #11. The evaluation report provided recommendations to help improve the water quality produced at Lake Region Water Treatment Plant for both aesthetic and regulatory considerations. Our team developed finish water quality goals, conducted a clearwell evaluation, analyzed the odor control scrubber and lift station issues, and prepared a summary report for implementation by the County.

Recommendations included within the report were sufficiently detailed to support immediate construction through a series of design-build contracts. Additionally, the County called on Kimley-Horn to prepare the Priority 1 Clearwell Improvements to perform onsite testing with the carbonic acid solution and lime slurry application systems. The summary report incorporated recommendations that led to chemical supply quality verification and aesthetic water quality improvements.

Coupling closely with the post-treatment, Kimley-Horn’s Acid Elimination Evaluation provided the technical analysis to support removing sulfuric acid from the facility. The hazardous chemical was evaluated against using carbon dioxide for pH process adjustment through the pre-, and post- treatment systems of the brackish water RO facility.

Year the project was completed: 2017

Total cost of the project: \$2.3 million

Team: Mark Miller, P.E.; Nick Black, P.E.



2. Project:

Water Treatment Plant No. 8 (WTP #8) Rehabilitation and Replacement Evaluation, Palm Beach County Water Utilities Department, FL

Client: Palm Beach County Water Utilities Department

Reference: John Visconti, Project Manager – Phone: 561.493.6149; Fax: 561.493.6113; visconti@pbcwater.com

Description of work:

Kimley-Horn was retained to conduct a condition assessment and rehabilitation and replacement evaluation of WTP #8 to identify the improvements needed to maintain water production for the next 10 years. This evaluation will be used to develop a project scope of improvements that be implemented in the next year as part of the master capital improvement plan. The project also includes:

- evaluating replacement and standardization of the existing carbon dioxide feed system
- anion exchange vessel and resin replacement evaluation
- finish water distribution flow meters and plant service water supply evaluation
- wash water recovery basin and decant system evaluation
- polymer and sodium hexametaphosphate additional evaluation
- high service pump replacement and pipe chase access and upgrade evaluation
- lime softening flume evaluation
- electrical improvements evaluation

Year the project was completed: Ongoing

Total cost of the project: \$79,164.70 (fee to date)

Team: Nick Black, P.E., Andrea Carpenter, P.E.



**Palm Beach County
Water Utilities**

3. Project:

Cape Coral Southwest Water Reclamation Facility (SWWRF) Process Evaluation and Optimization Analysis

Client: City of Cape Coral

Reference: Matthew Astorino, Chief Operator – Phone: 239.574.0831;
Fax: N/A; mastorin@capecoral.net

Description of work:

Kimley-Horn created hydraulic and biological process models of the 15.0-MGD Southwest Water Reclamation Facility (SWWRF) and conducted a detailed evaluation of the hydraulic and biological process performance. The biological process and hydraulic models investigate the likely impact of different operational strategies and/or changes to the process configuration. The goal of the analysis is to evaluate process modifications that will result in increased biological nutrient reduction, reduce chemical use, and increase energy efficiency at the SWWRF. The analysis methodology, calibration results, analysis discussion and results, and recommendations are summarized. The capital projects needed to implement the recommendations and a budget level opinion of probable construction cost for each capital project are included.



Year the project was completed: Ongoing

Total cost of the project: \$24,291 (fee to date)

Team: Matt Tebow, P.E.



4. Project:

Manatee County 7.5-MGD North County Regional Water Reclamation Facility (NCRWRF) Flow Equalization Tank, Manatee County, FL

Client: Manatee County

Reference: Jeff Goodwin, Deputy Director of Wastewater – Phone: 941.792.8811 ext. 5235; Fax: 941.708.7549; jeff.goodwin@mymanatee.org

Description of work:

The North County Regional Water Reclamation Facility (NCRWRF) equalization tank project consists of design, permitting, and construction services for a new 3.0-MG equalization tank and associated appurtenances. Preliminary design included an evaluation of the various construction methods and equipment selection for the equalization tank, flow control, equalization pumping, odor control, and mixing. This task also included biological and hydraulic modeling of the pretreatment and biological processes to determine if the addition of the 3.0-MG equalization tank can increase the overall treatment capacity by stabilizing the hydraulic and biological loading rates.

The technical evaluation of alternatives for mixing, tank configuration, and construction methods were presented in a preliminary design report that also included a life cycle cost analysis of prestressed concrete tanks, glass-fused steel tanks, and cast-in-place concrete tanks. Once the equipment, construction materials, and methods were identified, the Kimley-Horn team designed the project around the preferred equipment. Major piping modifications were also required to incorporate the equalization tank into the treatment scheme.



Major piping modifications were required to incorporate the equalization tank into the treatment scheme. Permitting activities included the Florida Department of Environmental Protection, Manatee County site plan, and building permitting. Kimley-Horn provided part-time construction services to include shop drawing review, pay application review, responding to requests for information, contract closeout, and record drawings.

Not everyone is an expert in reviewing projects using the 2-D construction plans; therefore, the Kimley-Horn team developed a 3-D model of the proposed design layout. This allowed operational staff to observe the proposed improvements and provided them the opportunity to give input throughout the design process. By bringing the County staff into our office and reviewing the project in 3-D, we were able to obtain great input from County staff and operations throughout the design process. During construction, coordination with the other disciplines such as architectural and electrical is more efficient which translates into being more cost-effective by enabling the design team to solve potential problems quickly and efficiently. Design changes or modifications are easily made to the three-dimensional model and the associated plan, section and elevation views are automatically updated. This resulted in a successful project being on time and budget with no major construction problems.

Year the project was completed: 2018

Total cost of the project: \$7,571,025

Team: Steve Romano, P.E.; Ashley Miele, P.E.; Lewis Bryant, P.E.; Seth Schmid, P.E.; Matt Tebow, P.E.; Jordan Walker, P.E.; Rocco Angerami



5. Project:

Manatee County Southeast Water Reclamation Facility (SEWRF) Storage Lakes and Reclaimed Pump Back Station Improvements, Manatee County, FL

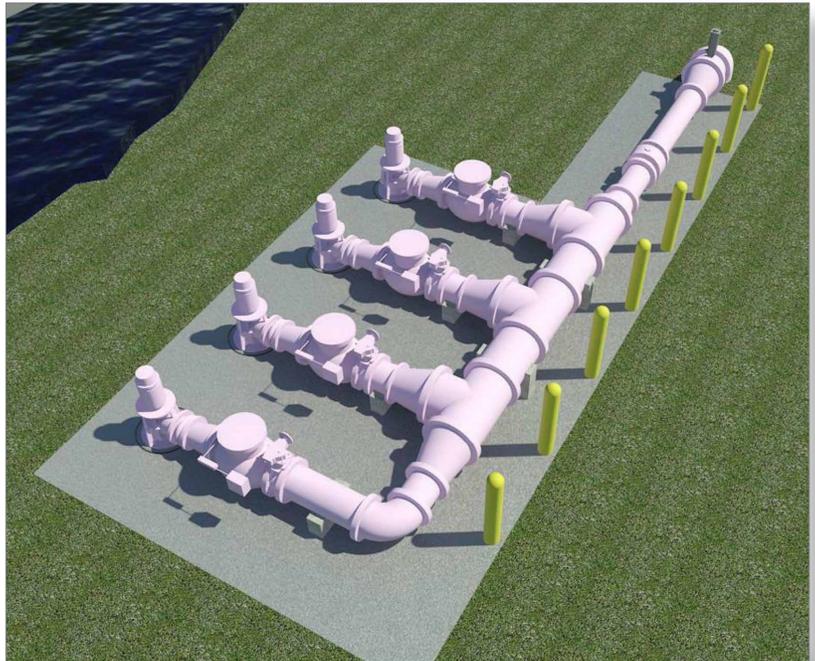
Client: Manatee County

Reference: Anthony Benitez, P.E., Project Engineer II - Project Management Division – Phone: 941.708.7450 x7333; Fax: 941.708.7549; anthony.benitez@mymanatee.org

Description of work:

The project included the design for the replacement of the two existing reclaimed water pump back stations for the Southeast Water Reclamation Facility (SEWRF) South 2 and East Reclaimed Water Storage Lakes. As part of our preliminary design efforts, Kimley-Horn evaluated several options to replace the existing reclaimed water pump back stations, while increasing the overall pumping capacity to 10.0 MGD, matching the capacity of the existing Lake Filtration System. Ultimately it was determined to design and construct one centralized pump station with a pumping rate of 10.0 MGD. New intake pipes from the East and South 2 Reclaimed Storage Lakes were required, including relocation of the existing reclaimed water intake structures.

The new reclaimed pump back station is located adjacent to South Lake 2 Reclaimed Storage Lake. New 24-inch discharge piping, approximately 3,500 LF, from the reclaimed pump station to the Lake Filtration System was required. In addition to the components associated with the reclaimed pump back station, the project included new floating boat docks in the East and South 2 Reclaimed Storage Lakes, emergency overflow structures in each lake, regrading of the East Lake pond bottom and berm, new discharge structures, and demolition of the existing equipment. The preliminary design efforts included an evaluation to reduce algae blooms in both storage lakes, as well as a bathymetric survey of both storage lakes to determine the true storage capacity.



Year the project was completed: Design: 2016/Under Construction

Total cost of the project: \$750,000 (Contract value)

Team: Steve Romano, P.E.; Ashley Miele, P.E.; Chuck Starling, P.E.; Seth Schmid, P.E.; Jordan Walker, P.E.; Madeline Kender, E.I.

6. Project:

Lower Floridan Aquifer Feasibility Study, Clay County Utility Authority, Clay County, FL

Client: Clay County Utility Authority

Reference: Jeremy D. Johnston, PE, MBA, Executive Director; Phone: 904.213.2477; Fax: N/A; jjohnston@clayutility.org

Description of work:

The Clay County Utility Authority (CCUA) hired Kimley-Horn to develop and coordinate a program to evaluate the Upper and Lower Floridan aquifers as part of the Authority's Alternative Water Supply Initiative. In Clay County, little to no information is readily available regarding the permeability, water quality or hydrogeologic parameters of the Lower Florida aquifer (LFA). Thus, the purpose of this \$2 million investigation is to characterize the Lower Floridan aquifer within the CCUA service area. This includes defining the depth to the bottom of the Lower Floridan aquifer as well as the base of the underground source of drinking water (USDW), where total dissolved solids concentrations exceed 10,000 mg/L. The characterization data will be used to determine the feasibility of using the Lower Floridan aquifer in the County for alternative water supply (AWS), aquifer storage and recovery (ASR) or managed aquifer recharge (MAR).



The initial phase of this investigation included working with the US Geological Survey, Florida Geological Survey, St Johns River Water Management District and the University of Florida to assemble documentation regarding the hydrogeology of the Lower Floridan aquifer in Clay County. The Kimley-Horn team determined that aside from a limited number of deep oil and gas exploratory boreholes in the 1940s and 1950s no wells or boreholes have fully penetrated the Lower Floridan aquifer in Clay County. Data regarding the disposition of the Lower Floridan in the County has been inferred from exploratory boreholes and wells completed within the surrounding counties.

The Kimley-Horn team developed a plan for investigating the Lower Floridan aquifer that focused on its use and feasibility for AWS, ASR and MAR. The plan identified three strategic test sites within the CCUA service area where exploratory boreholes would be advanced to investigate the aquifer. The test sites were chosen based on data needs, CCUA's long-range planning objectives and the availability of treated water for aquifer recharge. The test plan included continuous wireline coring through the entire thickness of the Floridan aquifer system and associated confining units; packer testing for water quality analysis and permeability testing; and geophysical logging.

Kimley-Horn's scope of work included providing bidding and procurement services to CCUA. This included preparing bid specifications for the drilling services and reviewing and ranking the submittal packages. The drilling services contract was ultimately awarded to Huss Drilling, Inc. of Dade City, Florida.

Work on the first exploratory borehole began in June 2019. The bottom of the Floridan aquifer was reached in November 2019. Huss is advancing the next two exploratory boreholes simultaneously and is expected to reach the bottom of the aquifer in early summer of 2020. The Kimley-Horn team has been providing technical oversight and contract management for the investigation. This includes: lithologic logging, photographing the continuous rock core, coordinating packer testing, ground water sampling and analysis, interpreting geophysical logs, managing investigative derived waste, and coordinating the disposal of brackish water.

After the drilling work is completed, the Kimley-Horn team will prepare a comprehensive report that summarized the lithology, hydrogeology and ground water quality for each of the three exploratory boreholes. Additionally, we will



correlate this data with data from deep boreholes and test wells in the adjoining counties to develop a framework for the Lower Floridan aquifer in Clay County.

Additionally, the report will include an analysis of the feasibility of using the Lower Floridan aquifer for AWS, ASR or MAR.

Year the project was completed: June 2019-Ongoing

Total cost of the project: \$164,448 (fee to date)

Team: Jason Sheasley, P.G.

7. Project:

Sarasota County Peace River Interconnect and Potable Water Main, Sarasota, FL

Client: Sarasota County

Reference: Jaimol Charles, P.E., PMP Project Manager; Phone: 941.861.5000; Fax: 941.861.0762; jcharles@scgov.net

Description of work:

Sarasota County currently receives water from the Peace River Manasota Regional Water Supply Authority (PRMRWSA) via 24-inch water main at Preymore/SR 671 (the terminus location of the PRMRWSA Phase 3A potable water transmission main). The PRMRWSA is currently underway with the design and construction of a 48-inch Phase 3B interconnect pipeline that extends from the Preymore/SR 671 Interconnect north to SR 72/Clark Road providing Sarasota County with a new connection/delivery point.

The Kimley-Horn team was selected to provide design and construction phase services for 5 miles of 30-inch and 36-inch potable water transmission main that connects to the termination point of Phase 3B and runs west along Clark Road and northwest along Proctor Road to Pump Station Number 5. The route includes various wetlands; critical crossings such as Cow Pen Slough, Philippi Creek, and Interstate I-75; and schools, churches, and an FPL transmission station. The pipeline will be constructed with a combination of construction methodologies, including open trench, horizontal directional drill, and jack and bore. This project requires extensive coordination with not only Sarasota County and PRMRWSA but also FDEP, ACOE, and FDOT (state roads and interstate departments). Plans are required to meet existing right-of-way along SR 72 and future expansions, including the construction of two potential roundabouts and road widening. The corridor also consists of new large developments along that way that are currently underway with design and/or construction. This required additional coordination with developers and developers' engineers to ensure construction duration and times were coordinated correctly and impacts were reduced.



With this project being contingent upon the construction of the Phase 3B pipeline, schedule and budget are critical concerns to the County. Our team's experience and expertise in pipeline design is what Sarasota County needs to complete this project. The Kimley-Horn team is currently under design with the project and ahead of schedule and budget.

Year the project was completed: 2018-Ongoing

Total cost of the project: \$913,207

Team: Ashley Miele, P.E.; Jordan Walker, P.E.; Madeline Kender, E.I.; Rocco Angerami



7 — LITIGATION AND INSURANCE

Kimley-Horn and its subsidiaries have provided services in all 50 states and numerous countries. Because of the many and varied projects we have completed, we are subject to various legal proceedings from time to time and in the ordinary course of business. In the last 5 years, Kimley-Horn had more than 19,675 active projects in Florida, 19 of which had some form of litigation. Of these cases, 5 were dismissed, 10 were settled, and 4 are pending. This represents 0.965% of all projects completed by Kimley-Horn in Florida over the past five years. Generally, these matters are covered by insurance, and we consider them to be without merit. If you would like to discuss our legal matters in more detail, please contact Kimley-Horn's General Counsel, Richard Cook, at 919.677.2058.

Insurance Levels

Kimley-Horn has more than adequate liability insurance to meet the requirements of the City. Our current levels of insurance are provided below and a sample certificate of insurance is provided in Section 9.

Amount of Liability Insurance:

- General Liability: \$2 million per claim/\$2 million aggregate
- Automobile Liability: \$1 million per occurrence/\$1 million aggregate
- Umbrella Liability: \$5 million per occurrence/\$5 million aggregate
- Workers Compensation: Statutory
- Employers Liability: \$1 million each accident or disease/\$1 million aggregate
- Professional Liability: \$2 million per claim/\$2 million aggregate, \$1 million deductible per claim



8 — ADDITIONAL INFORMATION

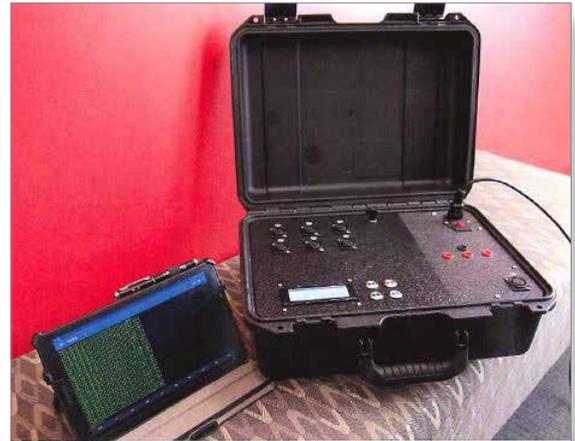
Available Facilities, Technological Capabilities, and Other Available Resources

At Kimley-Horn, we are always examining our use of technology to be sure it matches our clients’ needs. Our clients, who represent a broad range of markets and disciplines, vary widely in technological capabilities and needs; for this reason, we continuously update our own software and hardware to remain current, while also maintaining “previous versions” to serve those clients who choose not to update. By maintaining a library of resources we can cater to virtually any client in any application.

Our resources are perfectly suited to serve the needs of this request for professional services, and our graphics arts capabilities are fully available to support the media outreach strategies that may be necessary. Our graphics arts software capabilities include SketchUp, Adobe InDesign, Adobe Photoshop, Adobe Illustrator and Microsoft Office. A few additional key resources/technical capabilities available to the City of North Port are detailed below.

XAC-PAC

Kimley-Horn is known for listening to clients’ needs and solving problems no matter how extensive or how far of a reach the solutions may be. We have staff that not only think “outside of the box” but they tend to change the box into something entirely different and beneficial to the Client. One example would be our innovative XAC-PAC (pronounced “zak-pack”) system that was created by Zak Purvis, P.E. This is a specialized instrument in the form of a backpack or a suitcase that measures the performance of sewage pumps and motors well beyond the accuracy of a standard lift station draw down test. For the past 7 years, Kimley-Horn has been providing clients with a Pump Station Performance Evaluation Program that has been providing owners with valuable information for the ongoing maintenance and operation of sewage pump stations as well as capital improvements planning.



The Pump Station Performance Evaluation Program:

- ✓ Saves O&M time
- ✓ Saves money
- ✓ Identifies pump station issues
- ✓ Reduces down time

Our experienced staff will analyze the data and provide an easy-to-understand summary report. In addition to the data provided by XAC-PAC, a licensed professional engineer will observe site conditions and make recommendations on potential retrofits or upgrades.

This information can help owners make informed decisions about replacements, and plan and justify capital expenditures.

REVIT

Kimley-Horn has embraced the Building Information Modeling approach with architects using REVIT software. Kimley-Horn uses REVIT Structure to develop the structural model that can be continuously shared with other team members for the project development. Kimley-Horn utilized the REVIT three-dimensional modeling software on several recent projects, including Sarasota County’s Bee Ridge Water Reclamation Facility Septage Receiving Station, City of Wildwood Headworks Renovations, and the City of Gainesville Texas 4.0-MGD Wastewater Treatment Plant Improvements. Instead of the standard two-dimensional design using AutoCADD, the three-dimensional modeling



enabled operations staff to better visualize equipment placement, valve locations, obstructions, and operator ergonomics for a better overall project design. Even site access can be modeled for vehicles and 3-D visualizing of grades and identification of grading issues.

Benefits of BIM Technology/Revit:

- ✓ Improved visualization with designers, contractor, and owner
- ✓ Improved productivity due to easy information retrieval
- ✓ Conflict detection and 3D visualization improved quality of deliverable by reducing potential for errors and omissions
- ✓ Assisted in reducing project construction costs by increasing accuracy of construction estimate preparation (interactive embedded material information)
- ✓ Reduced time for project design revisions
- ✓ Promoted collaborative efforts and reliance on information embedded in the BIM model
- ✓ Reduced cost of repeating data creation due to joint use of common information by the design team, contractor and owner

H. ADDITIONAL INFORMATION

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

Kimley-Horn is recognized nationwide for the quality of our work environment, for our stature as a business enterprise, and for the outstanding work of our consulting staff. Here are just a few of our success stories.

2020

National Recognition Award American Council of Engineering Companies; Grand Award- Engineering Excellence Award American Council of Engineering Companies (Florida) — **City of Stuart Water Treatment Plant Emerging Contaminants (PFAS's) Treatment and Implementation**

*Honor Award - Engineering Excellence Award American Council of Engineering Companies (Florida)—***Townwide Undergrounding of Utilities Program, Town of Palm Beach**

2019

People's Choice Award for Best Product Safe Streets Summit — **Clematis Streetscape Improvements Phase I, West Palm Beach, FL**

Future of the Region Tampa Bay Regional Planning Council— **Realize Bradenton and the City of Bradenton for the Creating Together Projects, Bradenton, FL**

Award of Merit American Planning Association Florida; Outstanding Achievement in Innovation Florida Planning and Zoning (FPZA) — **City of Maitland Comprehensive Plan, Maitland, FL**

Public Engagement and Outreach - Honorable Mention Sun Coast Section - APA Florida — **Drew Street Complete Streets, Clearwater, FL**

Best Plan, Report or Study - Honorable Mention Sun Coast Section - APA Florida Annual — **St. Petersburg Complete Streets Implementation Plan, St. Petersburg, FL**

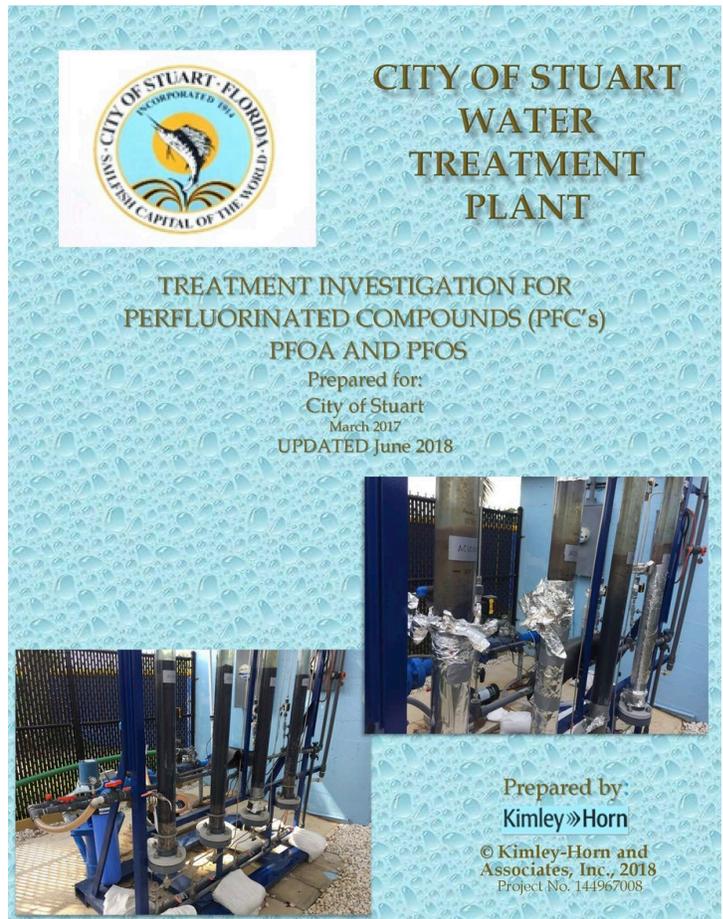
*Membrane Facility of the Year American Membrane Technology Association (AMTA) —***Town of Jupiter 15.0-MGD Nanofiltration Water Treatment Plant (WTP), Jupiter, FL**

Vernon Deines Merit Award for Outstanding Comprehensive Plan or Special Project (Small Jurisdiction) American Planning Association (Small Town and Rural Planning Division) — **Economic Development Strategy, Williston, FL**

2018

National Recognition Award American Council of Engineering Companies (ACEC) of Florida – **FITTEAM Ballpark of The Palm Beaches Spring Training Facility for the Houston Astros and Washington Nationals, West Palm Beach, FL**

*Domestic Wastewater Plant Operations Excellence Award Department of Environmental Protection —***Tropical Farms Water Treatment Plant, Martin County, FL**



Water Plant Operations Excellence Award Department of Environmental Protection—**Tropical Farms Water Treatment Plant, Martin County, FL**

Meritorious Achievement in the Field of Infill Design Florida Trust for Historic Preservation—**Restoration of Memorial Bradley Park, Palm Beach, FL**

Award of Honor Florida Chapter of American Society of Landscape Architects—**Perry Harvey Park, Tampa, FL**

President's Award Florida Redevelopment Association—**Heritage Square Master Plan, Live Oak, FL**

Roy F. Kenzie Award for "Best Transportation and Transit Enhancements" Florida Redevelopment Association—**5th Avenue South Bikeway and Pedestrian Trail, Lake Worth, FL**

2018 People's Choice - Great Place in America American Planning Association—**The Riverwalk at Kennedy Boulevard Plaza, Tampa, FL**

APA Florida/Award of Merit in the Comprehensive Plan (Small Jurisdiction) Category American Planning Association; *FPZA 2018 Grass Roots/Public Involvement award* Florida Planning and Zoning Association—**Venice Comprehensive Plan, Venice, FL**

2017

Project of the Year - Historic Restoration/Preservation American Public Works Association— Florida Chapter and National Award—**Restoration of Memorial Fountain in Town Hall Square, Palm Beach, FL**

Agency Excellence for Economic Impact Florida Recreation and Park Association—**Sims Park, New Port Richey, FL**

General Aviation Airport Project of the Year Florida Department of Transportation—**Runway 9/27 Rehabilitation Belle Glade State Municipal Airport, Belle Glade, FL**

Engineering Excellence Award for Water and Stormwater Florida Institute of Consulting Engineers and *Award of Excellence for Open Space Category* Florida American Society of Landscape Architects—**Siesta Key Beach Park, Sarasota, FL**

Statewide Outstanding Redevelopment Award of Merit, Florida Planning and Zoning Association (FPZA)—**Baptist MD Anderson Cancer Center, Jacksonville, FL**

Engineering Excellence Award, Florida Institute of Consulting Engineers/ACEC Florida—**Capital Cascades Pedestrian Bridge, Blueprint 2000, Tallahassee, FL**

Envision Platinum Sustainable Infrastructure, Envision, Institution for Sustainable Infrastructure—**I-4 Ultimate Project, FDOT District Five**

Award of Honor, Florida Chapter of American Society of Landscape Architects—**Perry Harvey Park Design, Tampa, FL**

Engineering Excellence Grand Award, Florida Institute of Consulting Engineers/ACEC Florida—**STV/Ralph Whitehead Associates, Scour Evaluations for Bridges with Unknown Foundations, FDOT Districts Two, Five, and Seven**

Award for Design Excellence, AIA Tampa Bay—**The Riverwalk at Kennedy Boulevard Plaza, Tampa, FL**



I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

Ashley M. Miele

32. DATE

July 20, 2020

33. NAME AND TITLE

Ashley Miele, P.E., Project Manager



9 — SUBMISSION REQUIREMENTS AND REQUIRED SUBMITTAL FORMS

- Checklist
- Proposal Submittal Signature Form
- Statement of Organization
- References/Client Listing
- Drug-Free Workplace
- Public Entity Crime Information
- Non-Collusive Affidavit
- Lobbying Certification
- Conflict of Interest Form
- Disclosure Form (Consultant/Engineer/Architect)
- Scrutinized Business Certification Form
- Sun Biz State Registration
- Sample Insurance Certificate
- MBE/WBE/VBE
- Licenses

33. Name and Title. Self-explanatory.

TAB 9 – SUBMISSION REQUIREMENTS AND REQUIRED SUBMITTAL FORMS: This checklist is provided to assist each Proposer in the preparation of their response. Included in this checklist are important requirements, which is the responsibility of each Proposer to submit with their response in order to make their response fully compliant. This checklist is a guideline which is to be executed and submitted with the required forms. It is the responsibility of each Proposer to read and comply with the solicitation in its entirety.

A. SUBMITTAL REQUIREMENTS

- 1. NUMBER OF PAGES:** The proposal shall not exceed (38) pages (one-sided) or (19) pages (two-sided) in length. (The Title Page, Table of Contents, City Required Forms, 330 Forms and tabs do not count towards the TOTAL NUMBER OF PAGES).
 - 1.1 When compiling a response, sections should be tabbed and labeled; pages should be sequentially numbered at the bottom of the page; proposals should be bound to allow flat stacking for easy storage; **do not use three ring binders of any kind**; and sections should be compiled in the sequence list above.
 - 1.2 Place proposal with all the required items in a sealed envelope clearly marked for specification number, project name, name of proposer, and due date and time.
- 2. PAPER/FONT SIZE:** 8.5"x11"/Font Calibri 11, PDF FORMAT.
- 3. NUMBER OF ORIGINAL PROPOSALS:** One (1) original hard-copy **UNBOUND** (marked "ORIGINAL") and signed in **blue ink**. **NUMBER OF COPIES:** five (5) hard copies **BOUND** (marked "COPY") **(1 original + 5 copies = 6 total submittals).**
- 4. USB Flash Drive:** One (1) electronic version in Portable Document Format (PDF) **on** a USB Drive containing the entire submittal. USB drive only. **CDs will not be accepted.**

B. REQUIRED SUBMITTAL FORMS: City Required Submittal Forms/Checklist

READ/EXECUTED & INCLUDED

- Proposal Submittal Signature Form
- Statement of Organization
- References

- Drug-Free Workplace (If Applicable)
- Public Entity Crime Information
- Non-Collusive Affidavit

- Lobbying Certification
- Conflict of Interest Form
- Disclosure Form (Consultant/Engineer/Architect)
- Scrutinized Business Certification Form

State Registration Requirements (<http://www.sunbiz.org/search.html>)

Copy of Registration, Attached

State required license for Prime Firm Only (Not sub-consultants)

SAMPLE INSURANCE CERTIFICATE: Demonstrate your firm's ability to comply with insurance requirements. Provide a previous certificate or other evidence listing the Insurance Companies names for both Professional Liability and General Liability and the dollar amounts of the coverage.

YES NO Sample Insurance Certificate is included with the submittal

MBE/WBE/VBE: If claiming Minority Business Enterprise/Women Business Enterprise/Veterans Business Enterprise, the Prime Firm (not sub-consultant) **shall be** certified as a Minority Business Enterprise by the State of Florida, Department of Management Services, Office of Supplier Diversity pursuant to Section 287.0943, Florida Statutes.

YES, CLAIMING MBE/WBE/VBE STATUS AS PRIME ONLY

YES, I'VE ATTACHED THE CERTIFICATE OF MBE/WBE/VBE STATUS FROM THE STATE OF FLORIDA AS OUTLINED SECTION 12.

NOT CLAIMING MBE/WBE/VBE

THIS PAGE MUST BE COMPLETED AND SUBMITTED WITH YOUR PROPOSAL

PROPOSAL SUBMITTAL SIGNATURE FORM

The undersigned attests to his/her authority to submit this proposal and to bind the firm herein named to perform as per Agreement, if the firm is awarded the Agreement by the City.

The undersigned further certifies that he/she has read the Request for Proposal, Terms and Conditions, Insurance Requirements and any other documentation relating to this request and this proposal is submitted with full knowledge and understanding of the requirements and time constraints noted herein.

As addenda are considered binding as if contained in the original specifications, it is critical that the firm acknowledge receipt of same. The submittal may be considered void if receipt of an addendum is not acknowledged.

Addendum No. 1 Dated 7/2/2020 Addendum No. _____ Dated _____
Addendum No. 2 Dated 7/10/2020 Addendum No. _____ Dated _____
Addendum No. 3 Dated 7/15/2020 Addendum No. _____ Dated _____

Company Name Kimley-Horn and Associates, Inc.

941.379.7600 gary.nadeau@kimley-horn.com 561.863.8175

Telephone # E-Mail Fax #

1777 Main Street, Suite 200

Main Office Address

Sarasota Florida 34236

City State Zip Code

Address of Office Servicing City of North Port, if different than above: SAME AS ABOVE

Office Address

City State Zip Code

Telephone # E-mail Fax #

Gary J. Nadeau, P.E., Senior Vice President

Name & Title of Firm Representative


Signature

July 20, 2020
Date

Do you accept Visa? YES NO

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

STATEMENT OF ORGANIZATION
(Information Sheet for Transactions and Conveyances Corporation Identification)

The following information will be provided to the City of North Port for incorporation in legal documents. It is, therefore, vital all information is accurate and complete. Please be certain all spelling, and capitalization is exactly as registered with the state or federal government.

Name of Respondent: Kimley-Horn and Associates, Inc.

DBA (if any): N/A

Type of Entity (Sole Proprietor, Corporation, LLC, LLP, Partnership, etc): Corporation

Business Address: 1777 Main Street, Suite 200
Sarasota, Florida 34236

Phone: 941.379.7600 **Fax:** 561.863.8175

E-Mail gary.nadeau@kimley-horn.com

Print Name and Title of person authorized to bind: Gary J. Nadeau, P.E., Senior Vice President

Federal Identification Number: 56-0885615

Signature: 

Respondent shall submit proof that it is authorized to do business in the State of Florida unless registration is not required by law.

(Please Check One)

Is this a Florida Corporation: Yes or No

If not a Florida Corporation,

In what state was it created:

North Carolina

Name as spelled in that State:

Kimley-Horn and Associates, Inc.

What kind of corporation is it: "For Profit" or "Not for Profit"

Is it in good standing: Yes or No

Authorized to transact business in Florida: Yes or No

State of Florida Department of State Certificate of Authority Document No.: 821359

Does it use a registered fictitious name: Yes or No

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

REQUEST FOR PROPOSAL NO. 2020-58
PROFESSIONAL ENGINEERING SERVICES-CONTINUING SERVICES CONTRACTS FOR
CITY OF NORTH PORT UTILITIES DEPARTMENT

Names of Officers:

President: Steve Lefton Secretary: Richard Cook
Vice President: Richard Cook Treasurer: David McEntee
Director: (see list below) Director: _____
Other: _____ Other: _____

Name of Corporation (As used in Florida):

Kimley-Horn and Associates, Inc.

(Spelled exactly as it is registered with the state or federal government)

Corporate Address:

Post Office Box: _____
City, State Zip: _____
Street Address: 421 Fayetteville Street, Suite 600
City, State, Zip: Raleigh, NC 27601

STATE OF FLORIDA

COUNTY OF Sumter

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 13th
day of July, 2020, by Gary J. Nadeau.

Susan M. Johnson
Notary Public - State of Florida

Personally Known OR Produced Identification
Type of Identification Produced _____



- *DIRECTORS
- | | | |
|-----------------|----------------|---------------|
| John Atz, Chair | Barry Barber | Steve Blakley |
| Scott Colvin | Paul Danielson | Bill Dvorak |
| Tammy Flanagan | Brian Good | James Hall |
| Steve Lefton | Emmy Montanye | Brent Mutti |
| Brooks Peed | | |

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

REFERENCES/CLIENT LISTING

The firm shall provide a minimum of six (6) business related references for which they are currently providing or have provided within the last five (5) years, services similar to the scope of services required by this RFP. Of the six (6) references, please provide at least two (2) references for each of the following two disciplines: potable water treatment and wastewater treatment; and, provide at least one (1) reference for each of the following two disciplines: pipeline design and hydrogeology. If the firm has any indirect or direct potable reuse experience, please provide a reference. Attach additional sheets if necessary.

1. Business/Customer Name: Manatee County

Name of Contact Person/Title: Jeff Goodwin

Telephone# 941.792.8811 Fax 941.708.7549 E-mail jeff.goodwin@mymanatee.org
ext. 5235

Address 4410 66th Street West, Bradenton, FL 34210

Phone Number 941.792.8811 ext. 5235 Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse

Duration of Contract or business relationship 2013-Ongoing

Type of Services Provided Wastewater Treatment Plant - Reclamation Facility

2. Business/Customer Name: Sarasota County

Name of Contact Person/Title: Jaimol Charles, P.E., PMP Project Manager

Telephone# 941.861.5000 Fax 941.861.0762 E-mail jcharles@scgov.net

Address 4410 66th Street West, Bradenton, FL 34210

Phone Number 941.861.5000 Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse

Duration of Contract or business relationship 2018-Ongoing

Type of Services Provided Reclaimed Pump Station and Storage Lakes

3. Business/Customer Name: City of Cape Coral

Name of Contact Person/Title: Matthew Astorino, Chief Operator

Telephone# 239.574.0831 Fax N/A E-mail mastorin@capecoral.net

Address 1015 Cultural Park Blvd., Cape Coral, FL 33915

Phone Number 239.574.0831 Discipline (circle): WTP; WWTF; pipeline; hydrogeo, potable reuse

Duration of Contract or business relationship 2017-Ongoing

Type of Services Provided Wastewater Treatment Plant - Hydraulic and Biological Process

COMPANY NAME: Kimley-Horn and Associates, Inc.

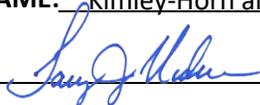
SIGNATURE: 

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

REQUEST FOR PROPOSAL NO. 2020-58
PROFESSIONAL ENGINEERING SERVICES-CONTINUING SERVICES CONTRACTS FOR
CITY OF NORTH PORT UTILITIES DEPARTMENT

4. Business/Customer Name: Palm Beach County Water Utilities Department
Name of Contact Person/Title: John Visconti, Project Manager
Telephone# 561.493.6149 Fax 561.493.6149 E-mail visconti@pbcwater.com
Address 8100 Forest Hill Blvd., West Palm Beach, FL 33413
Phone Number 561.493.6149 Discipline (circle): WTP WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship 2019-Ongoing
Type of Services Provided Water Treatment Plant - Condition Assessment
5. Business/Customer Name: Palm Beach County Water Utilities Department
Name of Contact Person/Title: Pollop Phonpornwithoon PMP, Project Manager
Telephone# 561.493.6247 Fax 561.493.6113 E-mail PPhonpornwithoon@pbcwater.com
Address 8100 Forest Hill Blvd., West Palm Beach, FL 33413
Phone Number 561.493.6247 Discipline (circle): WTP WWTF; pipeline; hydrogeo, potable reuse
Duration of Contract or business relationship 2012-Ongoing
Type of Services Provided Water Treatment Plant - Operational Improvements
6. Business/Customer Name: Clay County Utility Authority
Name of Contact Person/Title: Jeremy D. Johnston, PE, MBA, Executive Director
Telephone# 904-213-2477 Fax N/A E-mail jjohnston@clayutility.org
Address 3176 Old Jennings Road Middleburg, FL 32068
Phone Number 904-213-2477 Discipline (circle): WTP; WWTF; pipeline; hydrogeo potable reuse
Duration of Contract or business relationship 2019-Ongoing
Type of Services Provided Hydrogeological Services - Wells

COMPANY NAME: Kimley-Horn and Associates, Inc.

SIGNATURE: 

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

DRUG FREE WORKPLACE FORM

The undersigned Consultant in accordance with Florida Statute 287.087 hereby certifies that
Kimley-Horn and Associates, Inc. does:
(Company Name)

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 such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug free workplace through implementation of this section.

Check one:

- As the person authorized to sign this statement, I certify that this firm complies fully with above requirements.
- As the person authorized to sign this statement, this firm **does not** comply fully with the above requirements.


Offeror's Signature

July 20, 2020

Date

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

PUBLIC ENTITY CRIME INFORMATION

As provided by F.S. §287.133, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a Contractor, Supplier, Subcontractor, or Consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

I, Gary J. Nadeau, P.E., being an authorized representative of the Respondent, Kimley-Horn and Associates, Inc., located at 1777 Main Street, Suite 200
City: Sarasota State: Florida Zip Code: 34236, have read and understand the contents above. I further certify that Respondent is not disqualified from replying to this solicitation because of F.S. §287.133.

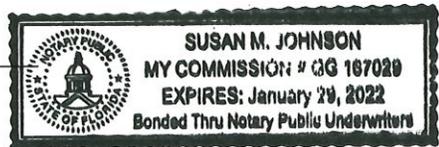
Signature: *Gary J. Nadeau* Date: 7/13/2020
Telephone #: 941.379.7600 Fax #: 561.863.8175

Federal ID #: 56-0885615

STATE OF FLORIDA
COUNTY OF Sarasota

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 13th day of July, 2020, by Gary J. Nadeau

Susan M. Johnson
Notary Public - State of Florida



Personally Known OR Produced Identification
Type of Identification Produced _____

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

NON-COLLUSIVE AFFIDAVIT

Before me, the undersigned authority, personally appeared:

Gary J. Nadeau, P.E. who, being first duly sworn, deposes and says that:

1. He/She is the Senior Vice President (Owner, Partner, Officer, Representative or Agent) of Kimley-Horn and Associates, Inc., the Respondent that has submitted the attached reply;
2. He/She is fully informed respecting the preparation and contents of the attached reply and of all pertinent circumstances respecting such reply;
3. Such reply is genuine and is not a collusive or sham reply;
4. Neither the said Respondent nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other respondent, firm, or person to submit a collusive or sham reply in connection with the work for which the attached reply has been submitted; or have in any manner, directly or indirectly sought by agreement or collusion, or communication or conference with any respondent, firm, or person to fix the price or prices in the attached reply or of any other respondent, or to fix any overhead, profit, or cost elements of the reply price or the reply price of any other respondent, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the reply work.

Signed, sealed and delivered this 13th day of July, 2020.

By: Gary J. Nadeau

Gary J. Nadeau, P.E.

(Printed Name)

Senior Vice President

(Title)

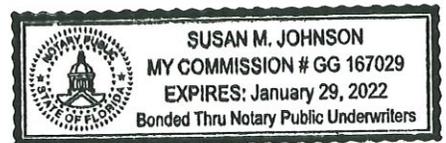
STATE OF FLORIDA

COUNTY OF Sarasota

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 13th day of July, 2020 by Gary J. Nadeau.

Susan M. Johnson
Notary Public - State of Florida

Personally Known OR Produced Identification
Type of Identification Produced _____



THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

LOBBYING CERTIFICATION

"The undersigned hereby certifies, to the best of his or her knowledge and belief, that":

STATE OF Florida

COUNTY OF Sarasota

This 13th day of July of ~~2017~~ 2020

Gary J. Nadeau, P.E., being first duly sworn, deposes and says that he or she is the authorized representative of Kimley-Horn and Associates, Inc. (Name of the contractor, firm or individual), and that the vendor and any of its agents agree to have no contact or communication with, or discuss any matter related in any way to any active City of North Port solicitation, with any City of North Port elected officials, officers, their appointees or their agents or any other staff or outside individuals working with the city in respect to this request other than the designated Procurement Official Contact and to abide by the restrictions outlined in the General Terms and Conditions of the Solicitation. Technical questions directed to the project manager, is prohibited. These persons shall not be lobbied, either individually or collectively, regarding any questions for bid, proposal, qualification and/or any other solicitations released by the city. To do so is grounds for immediate disqualification from the selection process. The selection process is not considered final until such a time as the Commission has made a final and conclusive determination.

(a) No City appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence either directly or indirectly an officer or employee of the City, City Commission in connection with the awarding of any City Contract.

(b) If any funds other than City appropriated funds have been paid or will be paid to any person for influencing or attempting to influence a member of City Commission or an officer or employee of the City in connection with this contract, the undersigned shall complete and submit Standard Form-L "Disclosure Form to Report Lobbying", in accordance with its instructions.

Signed, sealed and delivered this 13th day of July, 2020.

By: Gary J. Nadeau

Gary J. Nadeau, P.E.
(Printed Name)
Senior Vice President

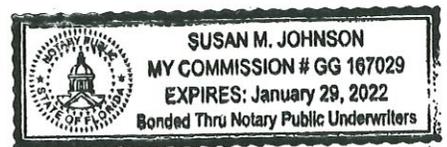
STATE OF FLORIDA

COUNTY OF Sarasota

Sworn to (or affirmed) and subscribed before me by means of physical presence or online notarization, this 13th day of July, 2020 by Gary J. Nadeau.

Susan M. Johnson
Notary Public - State of Florida

Personally Known OR Produced Identification
Type of Identification Produced _____



THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

CONFLICT OF INTEREST FORM

F.S. §112.313 places limitations on public officers (including advisory board members) and employees' ability to contract with the City either directly or indirectly. Therefore, please indicate if the following applies:

PART I.

- I am an employee, public officer or advisory board member of the City
_____ (List Position Or Board)
- I am the spouse or child of an employee, public officer or advisory board member of the City
Name: _____
- An employee, public officer or advisory board member of the City, or their spouse or child, is an officer, partner, director, or proprietor of Respondent or has a material interest in Respondent. "Material interest" means direct or indirect ownership of more than 5 percent of the total assets or capital stock of any business entity. For the purposes of [§112.313], indirect ownership does not include ownership by a spouse or minor child.
Name: _____
- Respondent employs or contracts with an employee, public officer or advisory board member of the City
Name: _____
- None Of The Above

PART II:

Are you going to request an advisory board member waiver?

- I will request an advisory board member waiver under §112.313(12)
- I will NOT request an advisory board member waiver under §112.313(12)
- N/A

The City shall review any relationships which may be prohibited under the Florida Ethics Code and will disqualify any vendors whose conflicts are not waived or exempt.

COMPANY: Kimley-Horn and Associates, Inc.

SIGNATURE: 

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

DISCLOSURE FORM
FOR
CONSULTANT/ENGINEER/ARCHITECT

Please select (only) one of the following three options:

Our firm has no actual, potential, or reasonably perceived, **financial*** or **other interest**** in the outcome of the project.

Our firm has a potential or reasonably perceived **financial*** or **other interest**** in the outcome of the project as described here: _____.

Our firm proposes to mitigate the potential or perceived conflict according to the following plan:
_____.

Our firm has an actual **financial*** or **other interest**** in the outcome of the project as described here:
_____.

***What does "financial interest" mean?**

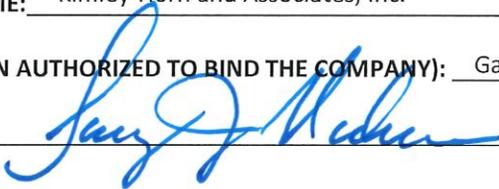
If your firm, or employee of your firm working on the project (or a member of the employee's household), will/may be perceived to receive or lose private income depending on the government business choices based on your firm's findings and recommendations, this must be listed as a financial interest. An example would be ownership in physical assets affected by the government business choices related to this project. The possibility of contracting for further consulting services is not included in this definition and is not prohibited.

****What does "other interest" mean?**

If your firm, or employee of your firm working on the project (or a member of the employee's household), will/may be perceived to have political, legal or any other interests that will affect what goes into your firm's findings and recommendations, or will be/may be perceived to be affected by the government business choices related to this project, this must be listed as another interest.

BUSINESS NAME: Kimley-Horn and Associates, Inc.

NAME (PERSON AUTHORIZED TO BIND THE COMPANY): Gary J. Nadeau, P.E., Senior Vice President

SIGNATURE:  **DATE:** July 20, 2020

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

Company Name: Kimley-Horn and

Authorized Representative Name a

Address: 1777 Main Street, Suite

Phone Number: 941.379.7600

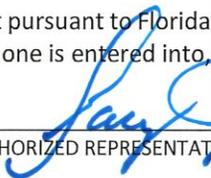
A company is ineligible to, and may not provide goods or services of any amount if, at the time of the contract, the company is on the Scrutinized Companies List, or has been engaged in a boycott of Israel.

A company is ineligible to, and may not provide goods or services of \$1 million or more under the contract, the company is on the Scrutinized Companies List, the Iran Petroleum Energy Sector List, or has conducted operations in Cuba or Syria.

This bid, proposal, contract or certificate of award is being submitted on behalf of the above-named company and the above-named company is not participating in any business with Scrutinized Companies with Active Operations in Cuba or Syria.

This bid, proposal, contract or certificate of award is being submitted on behalf of the above-named company and the above-named company is not participating in any business with Scrutinized Companies with Active Operations in Cuba or Syria.

I understand that pursuant to Florida Statute 218.30, the award of the contract if one is entered into, shall be subject to the terms and conditions of the contract.

Certified By: 
AUTHORIZED REPRESENTATIVE

Print Name and Title: Gary J. Nade

Date Certified: July 20, 2020

Solicitation/Contract/PO Number (Complete)



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by Entity Name](#) /

Detail by Entity Name

Foreign Profit Corporation

KIMLEY-HORN AND ASSOCIATES, INC.

Filing Information

Document Number 821359
FEI/EIN Number 56-0885615
Date Filed 04/24/1968
State NC
Status ACTIVE

Principal Address

421 Fayetteville Street, Suite 600
Raleigh, NC 27601

Changed: 04/15/2020

Mailing Address

421 Fayetteville Street, Suite 600
Raleigh, NC 27601

Changed: 04/15/2020

Registered Agent Name & Address

CT CORPORATION SYSTEM
1200 SOUTH PINE ISLAND ROAD
PLANTATION, FL 33324

Name Changed: 05/14/2008

Address Changed: 01/24/2017

Officer/Director Detail

Name & Address

Title President, CEO, Director

Lefton, Steven E.
11400 Commerce Park Drive
Suite 400
Reston, VA 20191

Title VP, CFO

Flanagan, Tammy L.
421 Fayetteville Street
Suite 600
Raleigh, NC 27601

Title VP, Secretary

Cook, Richard N.
421 Fayetteville Street
Suite 600
Raleigh, NC 27601

Title VP, Treasurer

McEntee, David L.
421 Fayetteville Street
Suite 600
Raleigh, NC 27601

Title Director

Atz, John C.
1920 Wekiva Way
Suite 200
West Palm Beach, FL 33411

Title Director

Barber, Barry L.
421 Fayetteville Street
Suite 600
Raleigh, NC 27601

Title Director

Blakley, Jr, Stephen W.
200 South Tryon Street
Suite 200
Charlotte, NC 28202

Title Director

Colvin, Scott W.
4582 South Ulster Street
Suite 1500
Denver, CO 80237

Title Director

Danielson, Paul B.

767 Eustis Street
Suite 100
Saint Paul, MN 55114

Title Director

Dvorak, Jr., William E.
111 West Jackson Boulevard
Suite 132
Chicago, IL 60604

Title Director

Good, Brian A.
445 24th Street
Suite 200
Vero Beach, FL 32960

Title Director

Hall, James R.
13455 Noel Road
Suite 700
Dallas, TX 75251

Title Director

Montanye, Emmeline F.
817 West Peachtree Street
NW, Suite 601
Atlanta, GA 30308

Title Director

Mutti, Brent H.
7740 N 16th Street
Suite 300
Phoenix, AZ 85020

Title Director

Peed, Brooks H.
445 24th Street
Suite 200
Vero Beach, FL 32960

Title VP

Demeter, EC
445 24th Street
Suite 200
Vero Beach, FL 32960

Title VP

Goldman, David S.
12740 Gran Bay Parkway West
Suite 2350
Jacksonville, FL 32258

Title VP

Rapp, Bryan T.
1920 Wekiva Way
Suite 200
West Palm Beach, FL 33411

Title VP

Barnes, R. Russell, III
1920 Wekiva Way
Suite 200
West Palm Beach, FL 33411

Title Director

Dvorak, William E., Jr.
111 West Jackson Boulevard
Suite 1320
Chicago, IL 60604

Title Director

Mutti, Brent H.
7740 N 16 Street
Suite 300
Phoenix, AZ 85020

Title VP

Nadeau, Gary J.
1777 Main Street
Suite 200
Sarasota, FL 34236

Title VP

Thigpen, Jonathan D.
189 S Orange Avenue
Suite 1000
Orlando, FL 32801

Title VP

Mingonet, M. Scott

189 S Orange Avenue
Suite 1000
Orlando, FL 32801

Annual Reports

Report Year	Filed Date
2019	04/27/2019
2019	11/25/2019
2020	04/15/2020

Document Images

04/15/2020 -- ANNUAL REPORT	View image in PDF format
11/25/2019 -- AMENDED ANNUAL REPORT	View image in PDF format
04/27/2019 -- ANNUAL REPORT	View image in PDF format
06/21/2018 -- AMENDED ANNUAL REPORT	View image in PDF format
03/15/2018 -- ANNUAL REPORT	View image in PDF format
04/28/2017 -- ANNUAL REPORT	View image in PDF format
08/02/2016 -- AMENDED ANNUAL REPORT	View image in PDF format
01/28/2016 -- ANNUAL REPORT	View image in PDF format
09/09/2015 -- AMENDED ANNUAL REPORT	View image in PDF format
04/15/2015 -- ANNUAL REPORT	View image in PDF format
04/22/2014 -- ANNUAL REPORT	View image in PDF format
01/14/2013 -- ANNUAL REPORT	View image in PDF format
03/29/2012 -- ANNUAL REPORT	View image in PDF format
02/17/2011 -- ANNUAL REPORT	View image in PDF format
04/21/2010 -- ANNUAL REPORT	View image in PDF format
04/30/2009 -- ANNUAL REPORT	View image in PDF format
05/14/2008 -- ANNUAL REPORT	View image in PDF format
04/12/2007 -- ANNUAL REPORT	View image in PDF format
04/21/2006 -- ANNUAL REPORT	View image in PDF format
06/02/2005 -- ANNUAL REPORT	View image in PDF format
04/26/2004 -- ANNUAL REPORT	View image in PDF format
04/30/2003 -- ANNUAL REPORT	View image in PDF format
08/12/2002 -- Reg. Agent Change	View image in PDF format
05/08/2002 -- ANNUAL REPORT	View image in PDF format
02/06/2001 -- ANNUAL REPORT	View image in PDF format
03/02/2000 -- ANNUAL REPORT	View image in PDF format
03/17/1999 -- ANNUAL REPORT	View image in PDF format
02/12/1998 -- ANNUAL REPORT	View image in PDF format
02/27/1997 -- ANNUAL REPORT	View image in PDF format
03/05/1996 -- ANNUAL REPORT	View image in PDF format



Firm Licenses



Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

KIMLEY-HORN & ASSOCIATES, INC.

421 FAYETTEVILLE STREET
SUITE 600
RALEIGH NC 27601

LICENSE NUMBER: CA696

EXPIRATION DATE: FEBRUARY 28, 2021

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL GEOLOGISTS

THE GEOLOGY BUSINESS HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

KIMLEY-HORN AND ASSOCIATES INC

421 FAYETTEVILLE STREET
SUITE 600
RALEIGH NC 27601

LICENSE NUMBER: GB175

EXPIRATION DATE: JULY 31, 2020

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.



Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE

THE LANDSCAPE ARCHITECT BUSINESS HEREIN HAS REGISTERED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

KIMLEY-HORN AND ASSOCIATES INC

421 FAYETTEVILLE STREET
SUITE 600
RALEIGH NC 24601

LICENSE NUMBER: LCC000219

EXPIRATION DATE: NOVEMBER 30, 2021

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.



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

License No.: **LB696**
Expiration Date February 28, 2021

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

KIMLEY-HORN AND ASSOCIATES, INC.
421 FAYETTEVILLE ST STE 600
RALEIGH, NC 27601-1777

Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

Staff Licenses

Ron DeSantis, Governor

STATE OF FLORIDA

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

MIELE, ASHLEY M.
4917 WINTERHAVEN DRIVE
SARASOTA FL 34233

LICENSE NUMBER: PE66476
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

Florida dbpr

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

ROMANO, STEPHEN NEIL
495 PLANTATION ROAD
MERRITT ISLAND FL 32952

LICENSE NUMBER: PE57579
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

Florida dbpr

DBPR ONLINE SERVICES

Log On Home

Search for a Licensee
Apply for a License
View Application Status
Find Exam Information
File a Complaint
AB&T Delinquent
Invoice & Activity
List Search

Licensee Details

Licensee Information

Name:	ECKMANN, DOUGLAS HAROLD (Primary Name)
Main Address:	120 SABAL DRIVE FORT MYERS BEACH Florida 33931
County:	LEE
License Mailing:	
License Location:	

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	47259
Status:	Current, Active
License Date:	09/01/1993
Expires:	02/28/2021

Special Qualifications

Qualification Effective	11/08/2018
Advanced Building Code Course Credit	

Ron DeSantis, Governor

Halsey Beshears, Secretary

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

Florida dbpr

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

NADEAU, GARY JOCELYN
16106 31ST ST E
PARRISH FL 34219

LICENSE NUMBER: PE49629
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

Florida dbpr

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

BRYANT, MALCOLM LEWIS
5030 SE 3RD PLACE
OCALA FL 34471

LICENSE NUMBER: PE65582
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

Ron DeSantis, Governor

STATE OF FLORIDA

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

RIPLEY, HEATHER MARIE
1180 PRIMROSE RD
VENICE FL 34293

LICENSE NUMBER: PE88329
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

Staff Licenses (cont.)

Ron DeSantis, Governor
Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

NEHME, SAMANTHA CLAIRE
2332 SANDRALA DR.
SARASOTA FL 34231

LICENSE NUMBER: PE83328
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

RICK SCOTT, GOVERNOR
JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL GEOLOGISTS

THE PROFESSIONAL GEOLOGIST HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

SPINNER, WILLIAM THOMAS
11226 ROSEATE DRIVE
TAMPA FL 33626

LICENSE NUMBER: PG2570
EXPIRATION DATE: JULY 31, 2020
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.



Log On Home

Search for a Licensee
Apply for a License
View Application Status
Find Exam Information
File a Complaint
AB&T Delinquent
Invoice & Activity
List Search

Licensee Details

Licensee Information

Name: **STARLING, CHARLES HENRY (Primary Name)**
Main Address: **PO BOX 635
MONTROSE Alabama 36559**
County: **OUT OF STATE**

License Mailing:
LicenseLocation:

License Information

License Type: **Professional Engineer**
Rank: **Prof Engineer**
License Number: **83647**
Status: **Current, Active**
License Date: **08/09/2017**
Expires: **02/28/2021**

Ron DeSantis, Governor

STATE OF FLORIDA
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

WALKER, JORDAN W.
4516 21ST STREET N
ST. PETERSBURG FL 33714

LICENSE NUMBER: PE78652
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

Ron DeSantis, Governor
Halsey Beshears, Secretary

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

MILLER, MARK DOUGLAS
1920 WEKIVA WAY
SUITE 200
WEST PALM BEACH FL 33411

LICENSE NUMBER: PE45320
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

Log On Home

Search for a Licensee
Apply for a License
View Application Status
Find Exam Information
File a Complaint
AB&T Delinquent
Invoice & Activity
List Search

Licensee Details

Licensee Information

Name: **CARPENTER, ANDREA (Primary Name)**
Main Address: **1004 VILLA LANE
BOYNTON BEACH Florida 33435**
County: **PALM BEACH**

License Mailing:
LicenseLocation:

License Information

License Type: **Professional Engineer**
Rank: **Prof Engineer**
License Number: **83362**
Status: **Current, Active**
License Date: **06/28/2017**
Expires: **02/28/2021**

Staff Licenses (cont.)

Florida dbpr DBPR ONLINE SERV

Log On Home

Search for a Licensee
Apply for a License
View Application Status
Find Exam Information
File a Complaint
AB&T Delinquent
Invoice & Activity
List Search

Licensee Details

Licensee Information

Name:	BLACK, NICHOLAS PETER OLEISKY (Primary Name)
Main Address:	300 WEST MORGAN STREET SUITE 1500 DURHAM North Carolina 27701 OUT OF STATE
County:	
License Mailing:	
LicenseLocation:	

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	84908
Status:	Current,Active
Licensure Date:	04/13/2018
Expires:	02/28/2021

Special Qualifications

Qualification Effective	04/13/2018
Civil	

Ron DeSantis, Governor

STATE OF FLORIDA

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

TEBOW, MATTHEW MICHAEL
10603 IVANHOE LN
WELLINGTON FL 33414

LICENSE NUMBER: PE82414
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

LITTRELL, LANCE ROBERT
539 BAYBEND LANE
ORLANDO FL 32828

LICENSE NUMBER: PE65645
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

GIS Certification Institute

HOME EXAM INFO APPLICANTS **RECERTIFICATION** EMPLOYERS STUDENTS ETHICS NEWS EVENTS ABOUT US

RECERTIFICATION » GISP REGISTRY

SEARCH for Individuals with GISP®

[GISP Registry Excel Spreadsheet here](#)

Search the online database: Choose the search format > Enter the text to search. For States, use the 2-ltr abbreviation for best results.

We strive to keep the information accurate and updated. Please report errors to: info@gisci.org

LastName Search

Name	Cert Number	Zipcode	Title	Expiration Date
Erin Emmons	66559	32312	Planner	10/25/2020

Staff Licenses (cont.)



American Institute of Certified Planners
Making Great Communities Happen

April 18, 2018

Kelley Klepper, AICP
Kimley-Horn and Associates
1777 Main Street
Ste 200
Sarasota, FL 34236-5836

RE: AICP Certification Verification

Please accept this letter as confirmation that Kelley Klepper, AICP is a current member, in good standing, of the American Institute of Certified Planners (AICP), the professional institute of the American Planning Association (APA). The official details of the member's certification are:

AICP Certification Start Date: 7/1/1999
AICP Certification Number: 014572

AICP is the APA's professional institute, providing recognized leadership nationwide in the certification of professional planners, ethics, professional development, planning education, and the standards of planning practice.

AICP certified planners carry a high mark of distinction because they are required to meet rigorous standards, maintain their expertise through continuing education, and serve community interests.

For more information about the requirements to become AICP, please see our website: www.planning.org/aicp.

Please let us know if we can offer any additional assistance.

Sincerely,

APA Customer Service

American Institute of Certified Planners
The American Planning Association's Professional Institute
205 N. Michigan Ave, Suite 1200
Chicago, IL 60601
AICP@planning.org

Chicago Office 205 N. Michigan Avenue Suite 1200 Chicago, IL 60601-5927 p: 312.431.9100 planning.org	Washington D.C. Office 1030 15th Street, NW Suite 750 West Washington, DC 20005-1503 p: 202.872.0611	AICP President Glenn E. Larson, AICP Chief Executive Officer James M. Drinan, AICP
---	--	---



B. KELLEY KLEPPER

HAS QUALIFIED AS A
MEMBER
AMERICAN INSTITUTE OF CERTIFIED PLANNERS

JULY 1999
DATE OF MEMBERSHIP

Glenn E. Larson
PRESIDENT

James M. Drinan
EXECUTIVE DIRECTOR



DBPR ONLINE SERVICES

Home

Log On

Search for a Licensee
Apply for a License
View Application Status
Find Exam Information
File a Complaint
AB&T Delinquent
Invoice & Activity
List Search

Licensee Details

Licensee Information

Name:	STRACKBEIN, TRENTON TODD (Primary Name)
Main Address:	3471 1ST AVENUE NW NAPLES Florida 34120
County:	COLLIER
License Mailing:	
LicenseLocation:	

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	86562
Status:	Current,Active
Licensure Date:	01/11/2019
Expires:	02/28/2021

Special Qualifications

Civil	Qualification Effective 08/03/2018
-------	---------------------------------------



GIS Certification Institute

HOME EXAM INFO APPLICANTS RECERTIFICATION EMPLOYERS STUDENTS ETHICS NEWS EVENTS ABOUT US

RECERTIFICATION » GISP REGISTRY

SEARCH for individuals with GISP®

GISP Registry Excel Spreadsheet here

Search the online database: Choose the search format > Enter the text to search. For States, use the 2-ldr abbreviation for best results.

We strive to keep the information accurate and updated. Please report errors to: info@gisci.org

Cert Number 62071

Name	Cert Number	Zipcode	Title	Expiration Date
Rama Rani	62071	33414	Senior Project Manager	2/25/2022



DBPR ONLINE SERVICES

Home

Log On

Search for a Licensee
Apply for a License
View Application Status
Find Exam Information
File a Complaint
AB&T Delinquent
Invoice & Activity
List Search

Licensee Details

Licensee Information

Name:	RANI, RAMA (Primary Name)
Main Address:	12696 QUERCUS LANE WELLINGTON Florida 33414
County:	PALM BEACH
License Mailing:	
LicenseLocation:	

License Information

License Type:	Professional Geologist
Rank:	PG
License Number:	PG2552
Status:	Current,Active
Licensure Date:	12/17/2008
Expires:	07/31/2020

Staff Licenses (cont.)

Ron DeSantis, Governor

STATE OF FLORIDA

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

GREMAUX, TY ELLIOT
6443 GOLDEN LEAF COURT
BRADENTON FL 34202

LICENSE NUMBER: PE72394
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

Ron DeSantis, Governor

Halsey Beshears, Secretary

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

SCHMID, SETH EDWARD
6315 Tanager Cove
BRADENTON FL 34202

LICENSE NUMBER: PE54640
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

Subconsultants Licenses

ASRus, LLC

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL GEOLOGISTS

THE GEOLOGY BUSINESS HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

ASRUS, LLC
13329 NORTH ARMENIA AVENUE
TAMPA FL 33613

LICENSE NUMBER: GB553
EXPIRATION DATE: JULY 31, 2020
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

State of Florida
Department of State

I certify from the records of this office that ASRUS, LLC is a limited liability company organized under the laws of the State of Florida, filed on March 24, 2006.

The document number of this limited liability company is L06000030951.

I further certify that said limited liability company has paid all fees due this office through December 31, 2019, that its most recent annual report was filed on February 11, 2019, 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 February, 2019

Raymond B. Bee
Secretary of State

Tracking Number: 2434456911CC

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

Ron DeSantis, Governor

Halsey Beshears, Secretary

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL GEOLOGISTS

THE PROFESSIONAL GEOLOGIST HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

MCNEAL, MARK B
13329 NORTH ARMENIA AVENUE
TAMPA FL 33613

LICENSE NUMBER: PG1231
EXPIRATION DATE: JULY 31, 2022
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.

Universal Engineering Sciences, Inc.

Ron DeSantis, Governor

STATE OF FLORIDA

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

UNIVERSAL ENGINEERING SCIENCES, INC.

3532 MAGGIE BOULEVARD
ORLANDO FL 328116697

LICENSE NUMBER: CA549

EXPIRATION DATE: FEBRUARY 28, 2021

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

Ron DeSantis, Governor

STATE OF FLORIDA

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

WEAVER, LINDSEY NEAL

C/O UNIVERSAL ENGINEERING SCIE
5971 COUNTRY LAKE DRIVE
FORT MYERS FL 33905

LICENSE NUMBER: PE41790

EXPIRATION DATE: FEBRUARY 28, 2021

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

Hyatt Survey Services, Inc.

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

License No.: **LB7203**
Expiration Date February 28, 2021

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

HYATT SURVEY SERVICES INC
2012 LENA RD
BRADENTON, FL 34211-9509

Nicole Fried
NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

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

License No.: **LS5303**
Expiration Date February 28, 2021

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

RUSSELL PERRY HYATT
319 41ST ST NE
BRADENTON, FL 34208-8436

Nicole Fried
NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

State of Florida

Woman Business Certification

Hyatt Survey Services, Inc.

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

09/03/2019 to 09/03/2021

Jonathan R. Satter
Jonathan R. Satter, Secretary
Florida Department of Management Services

Office of Supplier Diversity
4050 Esplanade Way, Suite 380
Tallahassee, FL 32399
850-487-0915
www.dms.florida.com/osd



RKS Consulting Engineers

Ron DeSantis, Governor Halsey Beshears, Secretary

Florida
dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

PROKOPETZ, TRACY MARIE
12651 MCGREGOR BLVD
UNIT 4-402
FORT MYERS FL 33919

LICENSE NUMBER: PE62427
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.





Florida Secretary of State Certificate

Kimley-Horn and Associates, Inc., is a corporation. Kimley-Horn's certificate indicating corporate status and good standing with the Florida Secretary of State is provided below.

State of Florida Department of State

I certify from the records of this office that KIMLEY-HORN AND ASSOCIATES, INC. is a North Carolina corporation authorized to transact business in the State of Florida, qualified on April 24, 1968.

The document number of this corporation is 821359.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on April 15, 2020, 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 May, 2020*



Randy Lee
Secretary of State

Tracking Number: 7943987469CU

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

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