



CITY OF FORT LAUDERDALE

TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale

RFC# 12370-206

CAM/21-0011

Exhibit 5

1 of 117

Kimley»Horn

Expect More. Experience Better.

TFTP26006.2020



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

Table of Contents

Section	Page #
1. Table of Contents.	1
2. Executive Summary.	2
3. Firm Qualifications and Experience.	4
• Project Manager's Experience	11
• Kimley-Horn Licenses/Certifications	13
• Kimley-Horn SF 330	24
4. Qualifications of the Project Team.	53
• Key Project Team Members	53
• Organizational Chart.	54
• Kimley-Horn SF 330 Section E Resumes.	61
5. Approach to Scope of Work	97
6. References.	104
7. Minority/Women (M/WBE) Participation	106
8. Required Forms	108
• Statement of Qualifications Certificate.	109
• Acknowledgment of Addendums	110
• Non-Collusion Statement	112
• Contract Payment Method	113
• Sample Insurance Certificate	114
• Non-Discrimination Certification Form.	115
• Kimley-Horn Exceptions.	116



2. Executive Summary

March 2, 2020

Kimley»Horn

City of Fort Lauderdale Procurement Services Division
ATTN: James Hemphill, Assistant Procurement and Contracts Manager
100 N. Andrews Avenue, 6th Floor
Fort Lauderdale, Florida 33301

Re: Solicitation 12370-206; Traffic and Transportation Engineering and Planning Services

Dear Mr. Hemphill and Members of the Selection Committee:

Kimley-Horn has a strong history of collaborating with the City of Fort Lauderdale to help you achieve successful transportation projects. Furthermore, Kimley-Horn has worked on numerous traffic and transportation studies throughout South Florida and across the state, providing our clients with exceptional service and quality. If selected as the City's consultant, we pledge our full commitment to develop the best solutions to meet your unique goals. Our team of dedicated traffic and transportation engineers and planning experts commit that assignments under this contract will be completed in a timely manner to assist staff and provide value to the City. *The advantages of selecting our firm are highlighted below:*

We Know Fort Lauderdale. The team selected to serve you is based in our local office, which is located less than 10 miles from City Hall. Our proximity to you enables us to respond quickly to the City's needs. Through previous work efforts, both public and private, our staff has become very familiar with the unique needs of the City and we routinely work with the City's Unified Land Development Regulations (ULDRs), allowing us to be on a first-name basis with many members of City staff. Additionally, as a resident of Fort Lauderdale, I am deeply invested in the quality of life in this community and strive to continue to help it develop.

Decades of Similar Experience. Since our founding in 1967, transportation planning and traffic engineering have been Kimley-Horn's traditional areas of strength. Our staff has completed thousands of transportation plans and traffic impact analyses ranging from major statewide programs to site-specific analyses. Recently, *Engineering-News Record* ranked Kimley-Horn one of the top transportation engineering firms nationwide. This distinction is a result of our uncompromising commitment to excellence. In addition to currently serving as a consultant to the City of Fort Lauderdale, we also work with your neighbors in Miami, Miami Beach, Aventura, Palmetto Bay, and Pompano Beach under similar contracts where we continue to demonstrate our ability to deliver technical excellence in a timely and cost-effective manner.

Experienced In-House Staff. Our firm has been involved in traffic and transportation engineering and planning for more than 50 years. We have carefully assembled a core team of in-house experts, strategically selected to provide the City with the exceptional client service you have come to expect from Kimley-Horn. Serving as your project manager, I bring more than 20 years of traffic and transportation engineering and planning experience in South Florida. The team members proposed for this project have worked on numerous successful projects in Fort



Project manager and City of Fort Lauderdale resident, Stewart Robertson, P.E., prior to running the Fort Lauderdale Marathon

Lauderdale. In addition, with over 70 professionals and support staff in our Plantation office and more than 230 additional staff located in South Florida, we offer the **depth of staff** required to be responsive to all your needs under this contract.

Multidisciplinary Capabilities. Our in-house experts will provide services in the areas required under this contract, including:

- General transportation planning and traffic engineering
- Multimodal transportation planning and analysis
- Traffic impact and safety studies
- Parking studies and management
- Neighborhood traffic management and traffic calming
- Transportation/urban planning and travel demand modeling
- Signal timing analysis and warrant studies
- Hydrology and hydraulics
- Landscape architecture
- Civil engineering

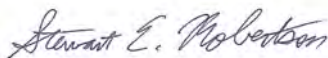
From data collection and Synchro analysis to impact evaluation and needs assessment, the Kimley-Horn team is highly qualified and ready to serve the City of Fort Lauderdale.

Highly Qualified Subconsultants. We have identified specialized subconsultants that will provide support on an as-needed basis, including **Tierra South Florida** (DBE/MBE) for geotechnical services; **CALTRAN Engineering Group, Inc.** (WBE/MBE) for data collection and construction engineering and inspection (CEI); **Smith Engineering** (CBE) for mechanical, electrical, and plumbing engineering; **Holt Communications** (DBE/WBE/MBE) for public involvement; **National Data & Surveying Services** (NDS) for traffic counts; and **Keith and Associates, Inc.** for survey and mapping. These firms have extensive local experience and have a long-standing teaming history with Kimley-Horn.

Summary. Kimley-Horn has considerable experience in all aspects of this contract, and we have the right qualifications to serve you. As one of the largest traffic and transportation engineering and planning firms in South Florida, we offer the personal commitments and demonstrated experience from professionals who understand the City's needs. Our team also has the local knowledge and commitment to quality necessary to successfully serve the City in the capacity requested. On behalf of our team, I am excited about this opportunity to continue serving the City of Fort Lauderdale and look forward to partnering with you on this important contract.

Very truly yours,

KIMLEY-HORN



Stewart Robertson, P.E.
Project Manager/Vice President



Las Olas Protected Bike Lanes in Fort Lauderdale



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

3. Firm Qualifications and Experience

Kimley-Horn was founded as a transportation firm in 1967 and is now one of the largest and fastest growing full-service consulting firms in Florida. Our permanent staff includes more than 4,200 professional, technical, and support staff nationwide and more than 800 employees in 18 offices throughout Florida. As a transportation engineering, planning, intelligent transportation systems (ITS), landscape architecture, surveying, and environmental services firm, Kimley-Horn offers a full range of consulting services to local, regional, national, and international clients. Kimley-Horn remains one of the few employee-owned consulting firms in the nation.

We are recognized for the outstanding work of our consulting staff, the quality of our work environment, and our stature as a business enterprise. Kimley-Horn is regarded as an industry leader by *Engineering News-Record (ENR)*, where we rank **#21 on their list of the country's Top 500 Design Firms**. We are also ranked **#16 on FORTUNE's "100 Best Companies to Work For,"** and have been on that list for 13 years. Much of our growth extends from the confidence and trust that clients have in us. Our clients benefit from the resources of a nationally recognized organization while receiving the personal attention and response of a local dedicated professional team.

Kimley-Horn has continuously had an office in the Fort Lauderdale area for more than three decades. We are proud to have worked on projects in Fort Lauderdale and the surrounding communities for many years, and our knowledge and understanding of the area has grown significantly with our decades of service in the community. We are confident that our local presence and sensitivity to the community's concerns will benefit the City by providing you with unmatched accountability, responsiveness, and value.



Firms Qualifications in Requested Services

Kimley-Horn is a leading consultant in transportation engineering and planning services, traffic engineering studies, roadway design, land use planning, water resources, environmental engineering, structural engineering, landscape architecture, transportation impact fee studies, and other municipal consulting services.

Our staff members provide integrated transportation and transit planning, intelligent transportation systems, traffic engineering, and environmental services for numerous municipalities, regulatory agencies, transportation authorities, and MPOs throughout Florida. We provide our clients with the local knowledge, personalized client service, and responsiveness of a small organization, backed by nationally recognized technical expertise specialized in multimodal transportation planning and engineering.

Kimley-Horn provides an integrated spectrum of services designed to best meet clients' immediate needs, but also clients' big picture priorities. Our experience is unsurpassed as one of the largest and most diverse traffic, transportation, and planning specialty firms in the country. Below are summaries of just a few of the specialty areas we can provide to the City of Fort Lauderdale with staff based in our local office.



Traffic Impact Analyses

Kimley-Horn has been involved in the development and review of traffic impact analyses (TIAs) for more than three decades. Our firm has conducted thousands of TIAs for projects of virtually all magnitudes and types, including mixed-use, commercial, institutional, recreation, residential, industrial, and research developments. Our engineers and planners have also reviewed TIAs for local and regional agencies, developed impact analysis and impact fee systems, trained public agency staffs in TIA review and computer modeling techniques, and conducted transportation financing research for the federal government. Typical goals and responsibilities during these studies include:

- Maximizing the efficiency and use of existing roadways to promote the use of alternative modes of transportation
- Determining mitigation measures for adverse project impacts
- Assuring a workable project

Traffic Calming

Kimley-Horn's team of roadway designers, traffic engineers, and planners knows how to design roadways that accommodate a defined volume of through traffic and pedestrian/bicycle usage while serving as corridors for business and residential development. All reasonable efforts are made to restore a balance between automobiles and pedestrians. When addressing the function and aesthetic needs of municipal road corridors, Kimley-Horn's team emphasizes a wide variety of traffic calming principles including narrowed lane widths that serve to slow traffic and reduce the overall street width—while providing safer pedestrian crossings; heavily landscaped medians that reduce the appearance of expansive paving, help slow traffic, lower the number of accidents, and promote pedestrian safety through the provision of median refuges at crosswalk locations; raised intersections (or speed tables) equal to the elevation of the sidewalk; paving designs created to announce intersections or neighborhood gateways; and traffic circles or roundabouts that permit the development of major gateway features, calm through traffic, and in some instances, even improve the flow of traffic.

Complete Streets

Kimley-Horn makes the most of its vast array of services, knowledge, and experience to better serve our clients with their roadway design projects and, in particular, Complete Street projects. We know that providing Complete Street design services involves the integration of all aspects of mobility, including pedestrian, bicycle, transit, and automobile modes.

Our multidisciplinary approach goes well beyond simply providing plans, specifications, and cost estimates, but also includes an appreciation for how the project fits within the functionality of the mobility network. This understanding allows Kimley-Horn to provide our clients with reasonable and practical design solutions that will not detract from the functionality of the roadway network.

Kimley-Horn has successfully represented the interest of all modes of travel by designing several Complete Streets projects across the state and nationally. We understand the benefits derived from the Complete Streets approach and the increased safety it provides for all modes of travel. Because of this aspect, our proposed project organizational structure uses an integrated team approach of engineers, planners, and landscape architects who work together with our clients to understand local issues and prepare a feasible design concept that addresses multimodal connectivity and safety.

Micromobility

Kimley-Horn is well-versed in serving our clients' needs related to emerging transportation modes, such as micromobility options. An increasing number of micromobility options are emerging in Fort Lauderdale, including e-scooters. The rise in popularity of e-scooters has caused some concerns regarding safety, regulation, and facility planning. Best practices we have assisted municipal clients with include micromobility lanes, designated parking zones



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

in non-obtrusive spaces, safety messages aimed at users on devices, data sharing and cooperation, and requiring companies to comply with permit obligations such as parking practices.

Traffic Operations and Transportation Planning

Kimley-Horn offers complete traffic engineering and transportation planning services in-house. The firm has completed thousands of traffic engineering projects ranging from major area-wide systems involving hundreds of intersections to single intersection designs and analysis. Our traffic engineering staff includes experts in the areas of signal system design, intersection design, lane elimination studies, signing and marking studies and plans, speed studies, traffic analyses, review of onsite and offsite circulation plans, access management planning and evaluations, traffic impact analysis review, safety and operations studies and plans, accident analysis and testimony, pedestrian safety programs, parking and circulation studies, and general traffic engineering consultation. We have also assisted numerous municipalities with their development review and approval process.

Streetscape Design

Our success in streetscape master planning, design, and construction observation results from a finely tuned balance between landscape architecture, roadway design, and civil engineering. Ultimately, our goal is to respond to the unique needs of each project. The firm's experience with major streetscape projects throughout Florida including Las Olas Boulevard in Fort Lauderdale is a testament to our ability to seamlessly merge the myriad aspects of major infrastructure improvements to achieve community goals. Our expertise in providing a broad range of services helps ensure the successful implementation of the client's vision while solving the specific engineering challenges that each project entails.

Bicycle and Pedestrian Facilities

Kimley-Horn has successfully represented the interests of pedestrians and bicyclists on many planning level studies and design projects throughout Florida. Drawing on area of expertise from around the state, we have recently helped Miami-Dade County MPO, Cities of Boca Raton, Lake Worth, and Miami Beach, Town of Miami Lakes, Town of Bay Harbor Islands, the City of South Miami, Village of Palmetto Bay, and many others complete their bicycle and pedestrian plans and improvements. Beyond systems planning, we continue to partner with local officials to implement those improvements targeted during the visioning process. Our team of traffic engineers and transportation planners, landscape architects, and environmental scientists work together with agency staff to understand the local issues and prepare a feasible design concept plan, typical cross sections, and construction cost estimates to reinforce the presence of bicycles and pedestrians along the travel corridor.

Roadway Design and Construction Administration

Roadway design and planning is one of the mainstays of our firm's professional practice. Collectively, our engineers have been responsible for the design of more than 2,500 miles of roadway, much of it here in Florida. We have provided these services for urban, rural, primary, secondary, and interstate roadways for clients ranging from municipalities to state departments of transportation to private developers. We are well equipped to address all related aspects of roadway design projects such as intersection geometrics, utility relocations, traffic control, signalization, structural/bridge design, regulatory and permitting issues, paving, drainage, signing & markings, and other features.

Parking Planning and Design

Kimley-Horn treats parking as an integral part of your downtown development needs. Our parking specialist are part of a team of engineers and planners that addresses the full range of land use and transportation issues. We tailor solutions to meet your needs today while laying the groundwork for any anticipated growth. Our services include feasibility studies; parking plans for business districts; neighborhood districts; airports, universities, hospitals, arenas, and special events; design of surface lots; parking deck design; security systems; revenue collection and control systems;



revenue projections and creative financing strategies; and rehabilitation plans and failure analysis of decks. Our staff has designed surface lots that blend into historic surroundings and award-winning parking decks integrated with transit stops, retail businesses, and municipal offices. We have helped clients save money by better utilizing existing facilities and have developed leading-edge technical solutions for revenue collection and control. Where parking issues have become community concerns, we have successfully brought competing interests to an agreement.

Geographic Information Systems

Recognizing the value and importance of GIS technology in environmental analysis and land use planning fields, Kimley-Horn has developed a multidisciplinary team of professionals that offer GIS services to many municipalities statewide. This multidisciplinary expertise enables Kimley-Horn to develop a GIS that is tailored to the specific requirements of the project objectives. We can identify the level and types of data needed to gain the maximum possible benefit from the analytical capabilities of our GIS system. Ground truthing, ecosystem analysis, and impact evaluation can be combined with GIS to provide a functional land use planning tool.

Intersection Design

A roadway intersection is a critical building block in your transportation infrastructure. The efficiency of the intersection operation maximizes the efficiency of the entire roadway system. Unfortunately, as travel patterns change and grow, intersections need to be re-tuned to provide long-term safe operation. To design a new intersection or to re-tune an existing intersection, the elements of an intersection, both individually and collectively, must be understood. Every intersection has a unique combination of elements—roadway layout, signal equipment, mix and volume of vehicles, pedestrians, and bicycles. As a result, every intersection requires a careful study prior to designing the various intersection design elements to produce a safe and efficient intersection. Good design also allows the intersection, when signalized, to adjust timing automatically to changes in traffic volumes and travel patterns. Kimley-Horn has a clear understanding of regional and local intersection planning and design.

Traffic Control Warrant Analysis

Understanding your traffic control options is critical in defining and creating safer, more efficient and politically acceptable traffic control improvements in your downtown area. From way-finding signage to pedestrian features to intersection stop controls to roundabouts or traffic signalization, Kimley-Horn provides the City with a comprehensive understanding of your options. Our diverse skills and experts in the traffic engineering profession provide you with unparalleled experience to determine the appropriate use of traffic control devices. Kimley-Horn also has a superior understanding of the manuals and references that are the basis for the use of traffic control devices.

Signal System Design

Our systems specialists offer expertise that is unparalleled anywhere in the industry. In addition to comprehensive master planning for traffic signalization, our engineers have designed numerous plans to standardize traffic control systems and provide comprehensive systems communications. Advanced traffic management projects include citywide signal system designs, transportation control centers, electronic toll facilities and revenue control systems, and innovative transit and public transportation systems. Each of our systems is designed not only to address current needs but also to accommodate future growth and advances in technology.

Safety Studies and Access Management

Safety and access management studies are particular strengths of our firm. Our transportation professionals routinely analyze electronic crash data as well as police crash reports as part of ongoing contracts with FDOT Districts Four and Six. Specific recommendations are often made based on not only the number of crashes but the types and contributing causes of the crashes as well. In addition, we also completed numerous access management assignments under our



Districtwide Access Management Contract with FDOT District Four. Our engineers are extremely familiar with FDOT access management standards and can help the City with any permitting or access management issue.

Long-Range Transportation Planning and Traffic Modeling

Long-range planning, traffic modeling, and forecasting are critical components in planning for the future of our state. We have extensive experience with the Florida Standard Urban Transportation Modeling Structure (FSUTMS) to model select zone distribution of development traffic, overall area growth, and traffic diversion. Our modeling experience has assisted our clients with long-range transportation planning for:

- Traffic impact analyses (local and region-wide)
- Corridor traffic diversion and traffic projections
- Roadway network analysis of capacity, level-of-service, and needed capacity improvements
- Future traffic growth projections

Why Kimley-Horn?

Kimley-Horn is a full-service consulting firm with nearly 90 offices located across the nation. Our professionals provide local knowledge backed by the comprehensive resources and talented staff only a national firm can offer. Listed below are just some of the reasons to team with Kimley-Horn:

- ❖ You will continue to have an experienced, client-oriented project manager to serve you.
Stewart Robertson, P.E., will be accessible and accountable to you throughout this contract.
- ❖ You will have the same core team that you have successfully worked with in the past.
- ❖ We understand the intricacies of the permitting process. Your Kimley-Horn team will include individuals who have local knowledge of the permitting and review process or have successfully dealt with the decision-making agencies involved with your project.
- ❖ Your budget is important to us. We consistently complete projects on time and on budget.
- ❖ We are a local firm to provide you with the individual attention you deserve, yet large enough to tackle even the most complex project.

Honesty, integrity, ethics, and exceptional client service are more than just our core values; they are a way of life at Kimley-Horn.

Sustainable Business Practices and Sustainable Design

At Kimley-Horn, sustainable and green initiatives are fundamental to our practice. Since 2008, Kimley-Horn has incorporated innovative and sustainable principles into many of our projects. This green initiative stems from our people's passion and seeks to better serve current and potential clients as both our society and industry demand change. Kimley-Horn has been recognized by *Engineering News-Record* as one of the nation's "Top Green Design Firms" and more than 120 of our professionals across the firm have earned LEED accreditations.

Sustainability at Kimley-Horn

Sustainability is an important part of our business at Kimley-Horn. We define our approach to sustainability in two ways.

- First, we are committed to the principles of sustainability. Accordingly, we have a corporate commitment to continually seek a sustainable balance in our daily practices and within our facilities. We strive to minimize our environmental footprint, creating a healthier workplace for our employees and reducing energy expenditures. Ultimately, we seek to achieve the sustainable ideal of improving our triple bottom line—planet, people, and profitability.



- Second, we recognize that planning and design of the built environment in today's marketplace must include a focus on sustainability levels. We are committed to assisting our clients by providing the highest level of sustainable design service, with a significant focus on providing exceptional client service as a leader in all of our disciplines.

Corporate Commitment to Sustainability

Kimley-Horn is committed to having a sustainable workplace. We seek to achieve this goal by reducing the negative environmental impacts of our business operations. We believe in creating a corporate mindset that empowers and recognizes individuals and small groups of employees who make good daily decisions that: (1) contribute to a healthier workplace, (2) are environmentally responsible, and (3) save energy and firm resources.

Kimley-Horn has established goals for our corporate practices in several areas, including energy usage, disposition of office supplies, impact on transportation, and design of office space. These goals reach across all offices and geographic locations. Individuals who want to make a difference in each office have the freedom to devise solutions to accomplish sustainability goals in the best way for their staff, their community, and their clients. We have adopted a series of strategies and plans to achieve these internal workplace goals.

Develop A Program to Monitor and Improve Our Corporately-Driven Internal Practices

- Evaluate our use of consumer products, seeking to minimize our overall consumption and waste stream impact while making smart choices on the goods we purchase.
- Assess our energy usage and work to decrease our consumption as a firm, reducing both our costs and overall use of fossil fuels.
- Assess our workplace facilities and their impact on the productivity of our employees. Improve our employees' quality of (work) life through improved environmental conditions such as cleaner air, natural lighting, and functional workspaces.
- Develop internal protocols for electronic filing and information management to reduce the consumption of paper, printer toner, and energy used in office equipment such as plotters and printers.
- Investigate providing employees with incentives for using alternative means of transportation (e.g., bus or subway passes, carpool subsidies, or assistance with purchases of bicycles or mopeds).
- Develop a flex-time program for employees that would better facilitate the use of alternative transportation, even if it means adjusting their work hours to accommodate a slightly different commuting schedule.
- Encourage the use of video conferencing and telecommuting, as appropriate, to reduce air and vehicular travel by employees.

Encourage Local Employee Participation and Ingenuity

- Develop a recognition program that rewards local offices and groups of people that meet certain thresholds of sustainability. Offices will be rated on a list of sustainable criteria, such as office recycling programs, waste reduction, water use reduction, and energy efficiency. Additional recognition will be available for the use of innovative sustainable measures.
- Provide special recognition for ingenuity in our internal practices. Reward local offices, groups of employees, and individuals that develop creative ways to address sustainability in their workplace, to be presented annually to the individual or group in each region that demonstrates creativity and initiative in addressing sustainability issues in their office or communities.

Share Best Practices Across the Firm

- Establish a firmwide "Green Team" with representatives from each of the firm's six regions. This group is focused on developing and sharing the best ideas for reducing the negative environmental impacts of our business operations. The Green Team supports the "Green Champions" in each office—sharing best practices and encouraging coordination between offices and regions.



Business Structure

- ❖ Kimley-Horn and Associates, Inc. was incorporated on February 10, 1967 in North Carolina.
- ❖ Kimley-Horn and Associates, Inc. is wholly owned by Associates Group Services, Inc., which is wholly owned by APHC, Inc.
- ❖ APHC, Inc. is owned by individuals who are Kimley-Horn employees. There are more than 400 APHC, Inc. shareholders.

Principal Officers

John C. Atz, Chairman
Steve E. Lefton, CEO, President
Richard N. Cook, Senior Vice President, Secretary
Tammy L. Flanagan, CFO, Vice President
David L. McEntee, Vice President, Treasurer, Assistant Secretary

Directors

John C. Atz, Chairman
Barry L. Barber, Executive Vice President
Stephen W. Blakley, Senior Vice President
Paul B. Danielson, Senior Vice President
William E. Dvorak, Jr., Senior Vice President
James R. Hall, Senior Vice President

Steven E. Lefton, CEO, President
Emmeline F. Montanye, Senior Vice President
Brent H. Mutti, Senior Vice President
Brooks H. Peed, Chairman Emeritus
Michael G. Schiller, Executive Vice President
G. Bradbury Tribble, Senior Vice President

M/WBE and DBE Participation

Kimley-Horn is not an M/WBE or DBE firm. However, a few of the subconsultants that comprise our team are M/WBE or DBE firms. ***More information on our commitment to supporting disadvantaged firms, along with their current certificates can be found in Section 7 of this submittal.***

Point of Contact

Our project manager, **Stewart Robertson, P.E.**, will serve as the City of Fort Lauderdale's personal point of contact. He will be personally responsible and accountable for the success of your project and has access to the full range of technical resources available within Kimley-Horn. In addition, our project team has the experience required to develop appropriate targets, tailor suitable courses of action, and provide timely decision making for any unexpected challenges that may arise.

Kimley-Horn and Associates, Inc.

600 North Pine Island Road, Suite 450
Plantation, FL 33324

Phone: (954) 535-5100

Fax: (561) 863-8175

Email: stewart.robertson@kimley-horn.com

Website: www.kimley-horn.com



Office Locations

Kimley-Horn has been in Florida for more than 52 years and understands the importance of timely service, availability, and flexibility. Our philosophy for providing professional services is based on the commitment to effective management and personal service. The ultimate goal of the Kimley-Horn team is to respond to the distinct needs of each locale we serve. We are also very sensitive to the needs and opinions of local businesses and residents and routinely work with our clients to establish cost-effective and tangible priorities that result in constructible and implementable plans and designs.

Kimley-Horn's Plantation office will serve as the primary office responsible for overseeing the work related to this project in order to maximize our local staff and provide a strong presence from an office located in short proximity to the City. The Plantation office will be assisted by our experts in our West Palm Beach, Miami, Sarasota, Jacksonville, and Tampa offices. From these locations, we will work diligently; encouraging open communication to keep you informed about project activity and primary schedule achievements. 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 in a timely manner. We will work with the City to establish the schedule and scope of work, and in close proximity as the direct contact with the City for the duration of the assignment. Additionally, our experts through the state are available for technical support to ensure timely completion and fulfillment of project goals.

Corporate Headquarters

421 Fayetteville Street, Suite 600
Raleigh, NC 27601
Phone: (919) 677-2000
Fax: (919) 677-2050

Kimley-Horn West Palm Beach Office

1920 Wekiva Way, Suite 200
West Palm Beach, FL 33411
Phone: (561) 845-0665

Kimley-Horn Sarasota Office

1777 Main Street, Suite 200
Sarasota, FL 34236
Phone: (941) 379-7600

Kimley-Horn Miami Office

355 Alhambra Circle, Suite 1400
Coral Gables, FL 33134
Phone: (305) 673-2025

Kimley-Horn Jacksonville Office

12740 Gran Bay Parkway West,
Suite 2350
Jacksonville, FL 32258
Phone: (904) 828-3900

Kimley-Horn Tampa Office

655 North Franklin Street, Suite 150
Tampa, FL 33602
Phone: (813) 620-1460

Kimley-Horn Charleston Office

115 Fairchild Street, Suite 250
Charleston, SC 29492
Phone: (843) 737-6390

Project Manager's Experience



Stewart Robertson, P.E. – Project Manager

Stewart Robertson, P.E. is a licensed professional engineer that has more than 18 years of diverse transportation planning and engineering experience, with an emphasis in multimodal planning and design. Stewart's extensive experience includes municipal and countywide multimodal planning, traffic engineering studies and reviews, travel demand analysis, corridor studies, safety studies, and geographic information systems (GIS). Stewart's particular areas of interest and expertise include helping communities overcome transportation challenges by incorporating multimodal options, enhancing accessibility to public transit and non-motorized transportation, and conducting coordination and outreach activities.

As your project manager, Stewart will help develop big-picture ideas for incorporating sustainability into transportation projects, utilize his extensive relationships in the local transportation industry to proactively lead stakeholder



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

coordination, and will offer his extensive project management experience to the City to effectively manage multiple tasks simultaneously.

Stewart serves as project manager for the current City of Fort Lauderdale Traffic and Transportation Engineering and Planning contract, where he has led the Kimley-Horn team to successfully complete over a dozen work orders ranging from corridor studies to traffic impact reviews to parking master plans. Stewart also serves as project manager for the Broward Metropolitan Planning Organization (MPO) Complete Streets Initiative contract and the Florida Department of Transportation (FDOT) Office of Modal Development (OMD) contract.

Stewart's recent experience includes managing the Broward MPO Complete Streets Master Plan, which identified a program of Complete Streets investment in areas of greatest need around the County. Stewart used his engineering expertise to author guidelines for incorporating Complete Streets improvements in a manner acceptable to implementation agencies such as FDOT and Broward County Engineering, which resulted in the Broward Complete Streets Guidelines 2.0, published in 2019.

Stewart has given numerous presentations on innovative transportation topics at conferences such as Pro Walk Pro Bike, Florida Section Institute of Transportation Engineers (FSITE), ThinkBike Miami, and the Miami-Dade Complete Streets Forum.



Omar Kanaan, P.E. – Deputy Project Manager

Omar Kanaan, P.E., is a licensed professional engineer that has more than seven years of experience specializing in traffic/transportation engineering and transportation planning. Omar's extensive experience includes preparing traffic impact studies, traffic operational studies, signal warrant analyses, roadway/lane closures, mechanical and robotic parking operation studies, vehicle maneuverability analysis, valet operation studies, parking studies, site circulation analysis, access management analyses, and alternative intersection development. He has worked on a multitude of projects with and for the City of Fort Lauderdale including Las Olas Riverfront, 501 Seventeen, NEXT Las Olas, RD Las Olas, and Pier 66.

Omar's recent experience includes managing the development of traffic calming plans for several neighborhoods in the City of Miami including the Roads, Grapeland, Spring Garden, Natoma Manors, Buena Vista, Coral Gate, and Culmer neighborhoods. These projects included stakeholder meetings, data collection and analysis, Miami-Dade County and Commissioner office coordination, as well as the preparation of phased traffic calming plans.

Omar is currently a key member of our teams providing general traffic engineering and transportation planning services to the City of Miami, City of Miami Beach, and the City of Aventura.



Kimley-Horn Licenses/Certifications

State of Florida Department of State

Kimley-Horn
has renewed
this document
and is waiting to
receive the new
certificate.

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, 2019, that its most recent annual report/uniform business report was filed on April 27, 2019, 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 Ninth day of May, 2019*



Randy R. ...
Secretary of State

Tracking Number: 5900845381CU

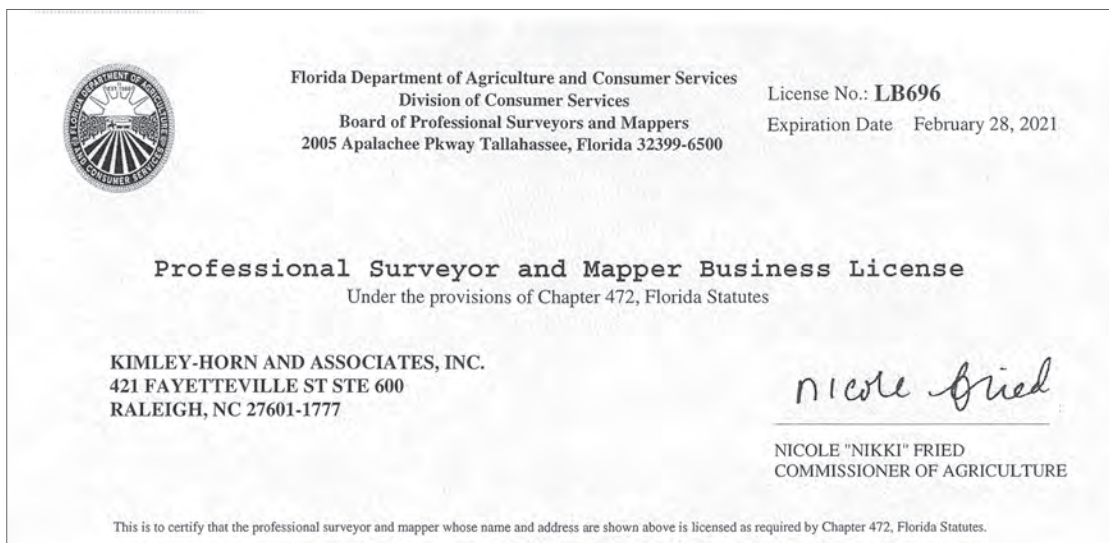
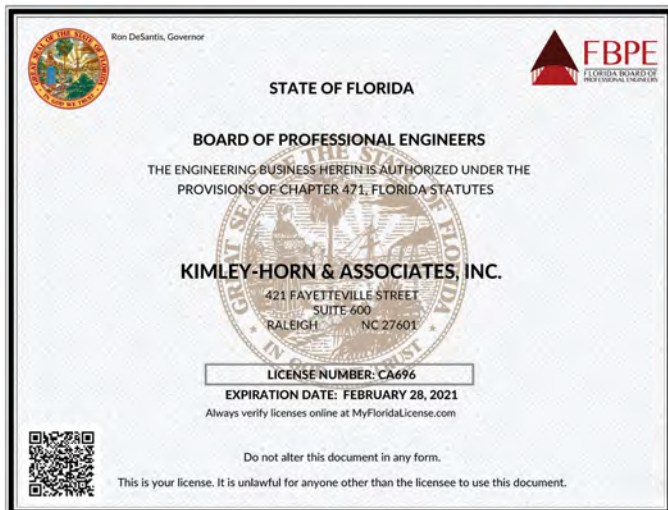
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

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



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

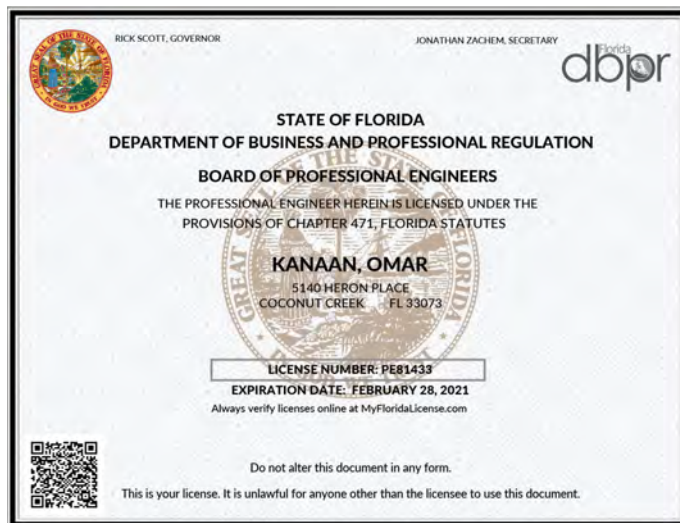
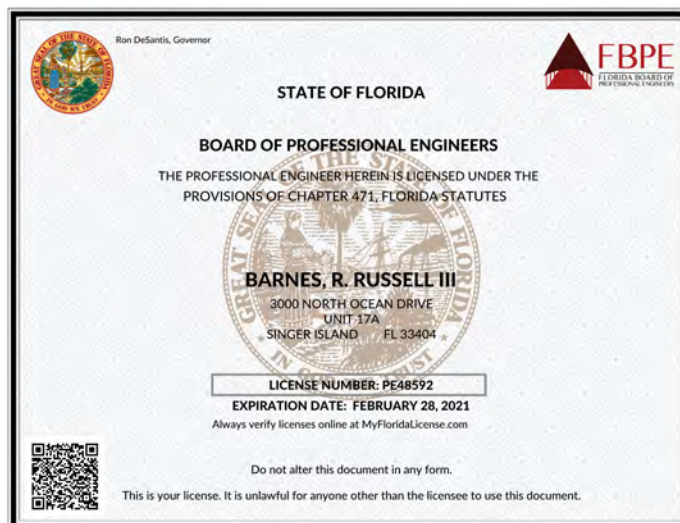




TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

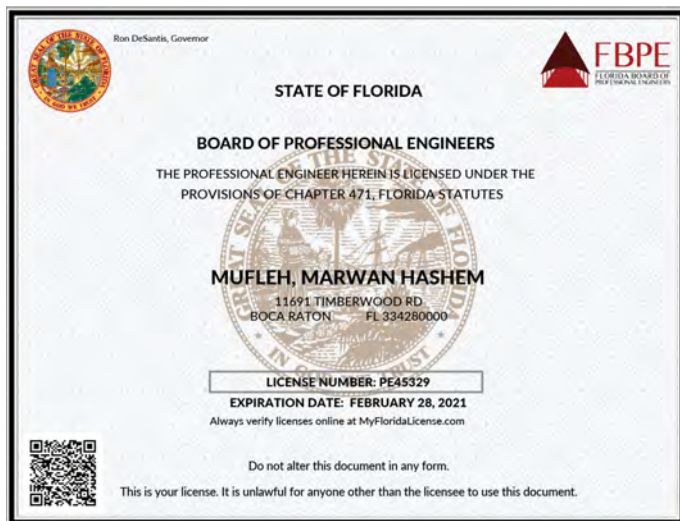
Kimley-Horn Individual Licenses





TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206



Search...

REGISTER LOGIN

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 ☐ Emmons

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

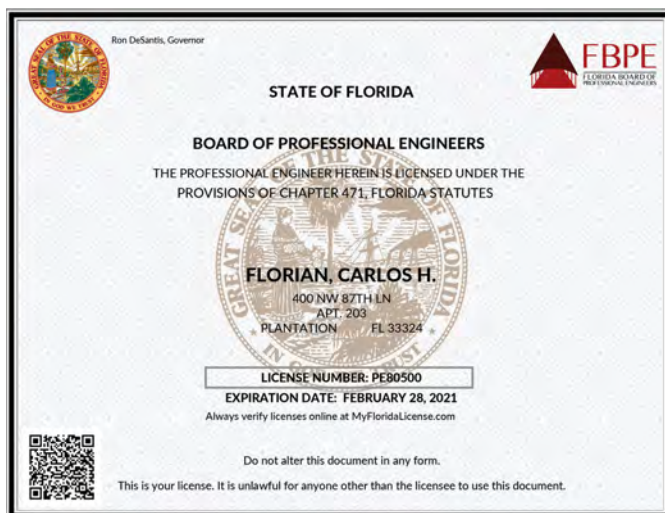
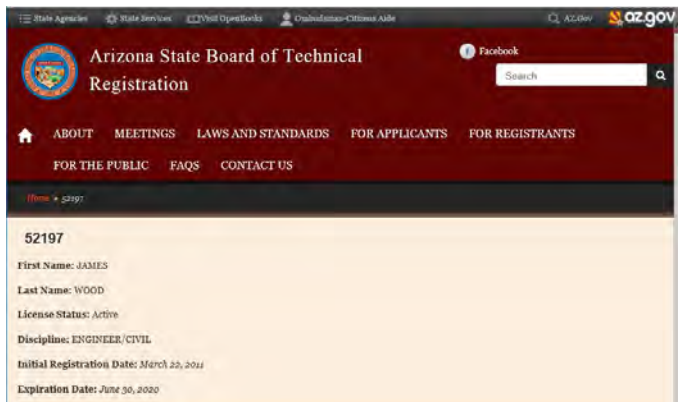
1





TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

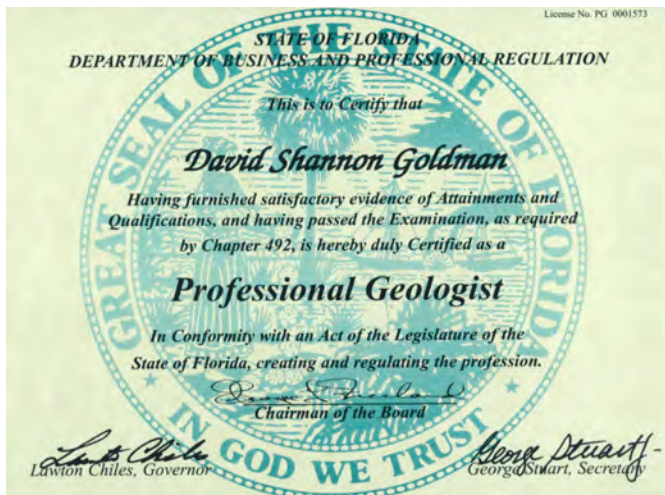
for City of Fort Lauderdale | RFQ# 12370-206





TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206





TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

Subconsultants – Individual Licenses

Tierra South Florida

State of Florida
Department of State

I certify from the records of this office that TIERRA SOUTH FLORIDA, INC., is a corporation organized under the laws of the State of Florida, filed on October 7, 2003, effective October 17, 2003.

The document number of this corporation is P03000110144.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on January 2, 2019, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Second day of January, 2019


Ken DeFuria
Secretary of State

Tracking Number: CC350331263

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
Halley Beahm, Secretary
dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS
THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

TIERRA SOUTH FLORIDA, INC.
2765 VISTA PKWY, STE 9
WEST PALM BEACH, FL 33411

LICENSE NUMBER: CA26073
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
Halley Beahm, Secretary
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

KRISHNASAMY, RAJ
2765 VISTA PARKWAY, SUITE 9
WEST PALM BEACH, FL 33411

LICENSE NUMBER: PE33567
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
Halley Beahm, Secretary
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

VEDULA, RAMAKUMAR V.
2150 NW 98TH WAY
PEMBROKE PINES, FL 33024-000

LICENSE NUMBER: PE54873
EXPIRATION DATE: FEBRUARY 28, 2021
Always verify licenses online at MyFloridaLicense.com

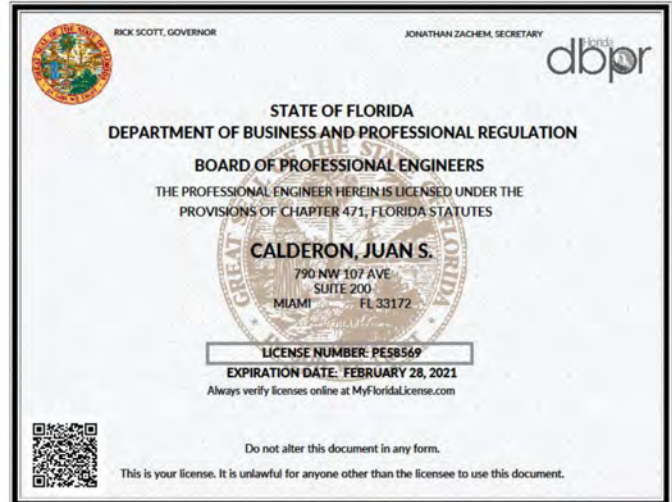
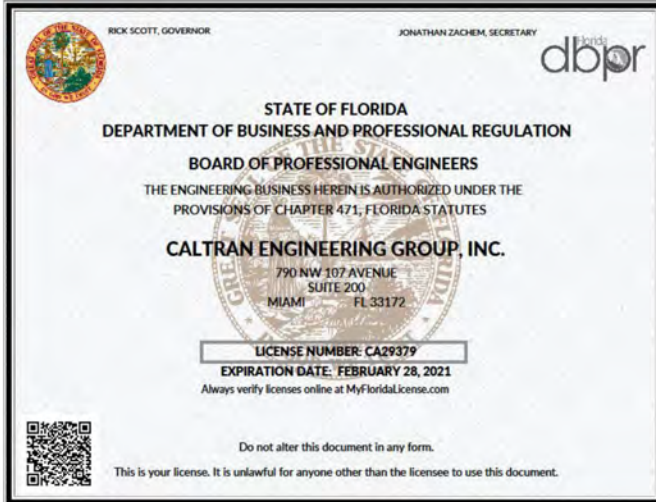
Do not alter this document in any form.
This is your license. It is unlawful for anyone other than the licensee to use this document.



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

CALTRAN Engineering Group





TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

Smith Engineering





TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

Keith and Associates

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

KEITH & ASSOCIATES, INC.
301 EAST ATLANTIC BOULEVARD
POMPANO BEACH, FL 33060

LICENSE NUMBER: CA7928
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.

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

WILLIAMS, STEPHEN DONALD
2365 NE 7TH PLACE
FT. LAUDERDALE, FL 333043545

LICENSE NUMBER: PE32090
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 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.: LB6860
Expiration Date: February 28, 2021

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

KEITH AND ASSOCIATES INC
301 EAST ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

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.: LS6805
Expiration Date: February 28, 2021

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

LEE POWERS
301 E ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

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
Department of State**

I certify from the records of this office that KEITH AND ASSOCIATES, INC., is a corporation organized under the laws of the State of Florida, filed on January 20, 1998, effective January 16, 1998.

The document number of this corporation is P9800000601.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on February 5, 2019, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Fifth day of February, 2019

Randy B. ...
Secretary of State

Tracking Number: 7798248590C

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

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1805 - 954-831-4000
VALID OCTOBER 1, 2019 THROUGH SEPTEMBER 30, 2020

DBA: KEITH & ASSOCIATES INC
Business Name: KEITH & ASSOCIATES INC
Owner Name: ADOLPHINE H. LAZOWICK
Business Location: 301 E ATLANTIC BLVD
Business Phone: 954-788-3400

Receipt #: 105-3382
Business Type: SERVICE/MAINTENANCE
Business Opened: 12/08/1998
State/County/Cert Reg: 154105
Exemption Code:

Rooms	Boats	Employees	Machines	Professionals
0	0	0	0	0

For Voting Business Only

Number of Machines	Transfer Fee	MSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
0	0.00	0.00	0.00	0.00	0.00	0.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT WHEN VALIDATED

Mailing Address: ADOLPHINE H. LAZOWICK, 301 E ATLANTIC BLVD, POMPANO BEACH, FL 33060

Receipt #: 105A-18-0000142
Paid 09/13/2019 30.00

2019 - 2020



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

Kimley-Horn Local Tax Receipts

Detach and display the Local Business Tax Certificate below. Renew and display current certificate annually.



City of Plantation LOCAL BUSINESS TAX CERTIFICATE

Certificate # 173362

Account # OC14-0075

Valid from 10/01/2019 to 09/30/2020

**THIS CERTIFICATE MUST BE
CONSPICUOUSLY DISPLAYED**

Classification: (26)d Administration/Management Office

Business Name & Address:

Kimley-Horn and Associates, Inc.
600 N. Pine Island Rd #450
Plantation FL 33324

CITY CLERK SIGNATURE

NOTICE: If Business is sold this Certificate must be transferred within 10 days or it becomes null and void.

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000

VALID OCTOBER 1, 2019 THROUGH SEPTEMBER 30, 2020

DBA:
Business Name: KIMLEY-HORN & ASSOCIATES INC

Receipt #: 377-13600
Business Type: OFFICE/SALES/BUSINESS/ADMIN
(CORP OFFICE)

Owner Name: KIMLEY-HORN & ASSOCIATES INC
Business Location: 600 N PINE ISLAND RD #450
FT LAUDERDALE
Business Phone: 954-739-2233

Business Opened: 02/01/1984
State/County/Cert/Reg:
Exemption Code:

Rooms Seats Employees Machines Professionals

For Vending Business Only						
Number of Machines:			Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
45.00	0.00	0.00	0.00	0.00	0.00	45.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT

WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.



Standard Form 330

As requested, Kimley-Horn has included a complete Standard Form 330 with our response. The outline below summarizes where the individual pieces can be found within the submittal.

SF 330 Section	Submittal Section/Tab	Page Number
Part I Sections A-C	3. Firms Qualifications and Experience	25
Part I Section D Organizational Chart of Proposed Team	4. Qualifications of the Project Team	54
Part I Section E Resumes	4. Qualifications of the Project Team	61
Part I Section F	3. Firms Qualifications and Experience	27
Part I Section G	3. Firms Qualifications and Experience	37
Part I Section H	3. Firms Qualifications and Experience	39
Part II	3. Firms Qualifications and Experience	40

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

Traffic and Transportation Engineering and Planning Services for City of Fort Lauderdale, FL

2. PUBLIC NOTICE DATE

January 17, 2020

3. SOLICITATION OR PROJECT NUMBER

RFQ 12370-206

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Stewart Robertson, P.E., Project Manager/Vice President

5. NAME OF FIRM

Kimley-Horn and Associates

6. TELEPHONE NUMBER

954.535.5104

7. FAX NUMBER

561.863.8175

8. E-MAIL ADDRESS

stewart.robertson@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	SUBCON-TRACTOR			
a.	X			Kimley-Horn and Associates ☒ CHECK IF BRANCH OFFICE	600 North Pine Island Road, Suite 450 Plantation, FL 33324	Prime Consultant
b.	X			Kimley-Horn and Associates ☒ CHECK IF BRANCH OFFICE	1920 Wekiva Way, Suite 200 West Palm Beach, FL 33411	Prime Consultant
c.	X			Kimley-Horn and Associates ☒ CHECK IF BRANCH OFFICE	1777 Main Street, Suite 200 Sarasota, FL 34236	Prime Consultant
d.	X			Kimley-Horn and Associates ☒ CHECK IF BRANCH OFFICE	355 Alhambra Circle, Suite 1400 Coral Gables, FL 33134	Prime Consultant
e.	X			Kimley-Horn and Associates ☒ CHECK IF BRANCH OFFICE	12740 Gran Bay Parkway West, Suite 2350 Jacksonville, FL 32258	Prime Consultant
f.	X			Kimley-Horn and Associates ☒ CHECK IF BRANCH OFFICE	655 North Franklin Street, Suite 150 Tampa, FL 33602	Prime Consultant

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ *(Attached)*

C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
g.	X			Kimley-Horn and Associates ☒ CHECK IF BRANCH OFFICE	115 Fairchild Street, Suite 250 Charleston, SC 29492	Prime Consultant
h.			X	Tierra South Florida ☐ CHECK IF BRANCH OFFICE	2765 Vista Parkway, Suite 10 West Palm Beach, FL 3411	Subconsultant
i.			X	CALTRAN Engineering Group ☐ CHECK IF BRANCH OFFICE	790 NW 107 Avenue Suite, 200 Miami, FL 33172	Subconsultant
j.			X	Smith Engineering Consultants ☐ CHECK IF BRANCH OFFICE	2161 Palm Beach Lakes Blvd, Suite 312 West Palm Beach, FL 33409	Subconsultant
k.			X	Holt Communications ☐ CHECK IF BRANCH OFFICE	5074 SW 161 Avenue, Miramar, FL 33027	Subconsultant
l.			X	Keith and Associates ☐ CHECK IF BRANCH OFFICE	2312 S. Andrews Avenue, Fort Lauderdale, FL 33316	Subconsultant
m.			X	National Data & Surveying Services ☐ CHECK IF BRANCH OFFICE	10286 NW 47 th St, Sunrise, FL 33351	Subconsultant
n.				CHECK IF BRANCH OFFICE		
o.				CHECK IF BRANCH OFFICE		
p.				CHECK IF BRANCH OFFICE		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 1
---	---

21. TITLE AND LOCATION (City and State) City of Fort Lauderdale General On-Call Traffic Engineering Services Consultant, FL	22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable)
--	---	------------------------------

23. PROJECT OWNER'S INFORMATION
--

a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Karen Warfel	c. POINT OF CONTACT TELEPHONE NUMBER 954.828.3798
---	--	--

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

Kimley-Horn is providing general traffic engineering and transportation planning as part of an on-call contract with the City. Kimley-Horn serves as an extension of the City of Fort Lauderdale staff primarily reviewing traffic impact studies and parking analyses. Duties to date have included peer review of traffic impact and parking studies, site plan reviews, and representation at public hearings. Additional projects have included development of a corridor study to support lane reductions along SR A1A and development of a Greenways Plan to complement multimodal transportation options within the corridor. Below is a summary of projects we have reviewed on the City's behalf:

- ❖ Citywide Parking Study
- ❖ Colee Hammock Traffic Calming
- ❖ SE 15th Avenue Traffic Study
- ❖ Las Olas Boulevard Concept Design
- ❖ Pier 66 – Traffic Impact Study (TIS) review
- ❖ Southside CitiCentre TIS review
- ❖ NEXT Las Olas TIS review
- ❖ West Village TIS review
- ❖ Fairfield Inn and Twin Peaks TIS review
- ❖ RD Las Olas TIS review
- ❖ Crown Center Parking review
- ❖ Cypress Creek Place TIS review
- ❖ Cabi New River TIS review
- ❖ Concentra Medical Parking analysis review
- ❖ Sistrunk Surface Parking Lot design
- ❖ First Presbyterian Church of Fort Lauderdale TIS review
- ❖ Galt Mile Seafood Parking study review
- ❖ El Ad North Tower TIS review
- ❖ Sunrise Habor Parking study review
- ❖ Sunrise Boulevard Publix TIS Review
- ❖ South Andrews Tower TIS review



Fee: \$400,000

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

a.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION (City and State) City of Miami Transportation Program Support Services Consultant, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Miami	b. POINT OF CONTACT NAME Collin Worth	c. POINT OF CONTACT TELEPHONE NUMBER 305.416.1022

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

Kimley-Horn serves as an extension of the City's staff assisting in the program management and administration of transportation and transit projects in the City's Capital Improvements Program (CIP). Kimley-Horn's responsibilities include providing oversight of projects encompassing planning, design, and construction activities. Project assignments include reviewing traffic studies, development of new design standards for traffic calming devices, performance of a Citywide speed limit reduction study, preparation of the Downtown Miami traffic signal cycle length analysis, and management of a citizen request traffic calming database.

Neighborhood traffic calming studies were performed for several neighborhoods including The Roads, Spring Garden, Coral Gate, Natoma Manors, Grapeland Heights, Buena Vista, and Shenandoah. Tasks include data collection analysis, recommendations and cost estimating, stakeholder meetings, and FDOT/Miami-Dade County coordination. Kimley-Horn was reselected by the City in 2016 to continue providing these services.

Fee: \$939,938.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION (City and State) Tampa, FL	(3) ROLE Prime Consultant
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Aventura	b. POINT OF CONTACT NAME Joanne Carr	c. POINT OF CONTACT TELEPHONE NUMBER 305.466.8940

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

Kimley-Horn is currently providing general traffic engineering and transportation planning services to City staff as a subconsultant to another firm. Duties include peer review of traffic impact and parking studies, site plan review, attendance at public hearings, and signal design. Our additional duties include a comprehensive study of various proposed infrastructure modifications, including Aventura Mall access and circulation, William Lehman Causeway interchange justification, US 1 median closure, the extension of Miami Gardens Drive (east of US 1 /Biscayne Boulevard) and evaluation of potential railroad crossings.

Fee: \$170,981.00



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION <i>(City and State)</i> Plantation, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>			20. EXAMPLE PROJECT KEY NUMBER 4		
21. TITLE AND LOCATION (City and State) Village of Palmetto Bay Professional Consulting Services, FL		22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">PROFESSIONAL SERVICES Ongoing</td> <td style="width: 50%; padding: 5px;">CONSTRUCTION (if Applicable)</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable)
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable)				
23. PROJECT OWNER'S INFORMATION					
a. PROJECT OWNER Village of Palmetto Bay	b. POINT OF CONTACT NAME Maria Pineda	c. POINT OF CONTACT TELEPHONE NUMBER 305.259.1276			
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>					
Kimley-Horn is currently working with the Village of Palmetto Bay as a general consultant to provide all types of engineering such as planning, general civil engineering, and transportation. The Village of Palmetto Bay is a developing community that is always evaluating the condition of their infrastructure and improving the vision for their community. Our transportation engineering scope of services has included preparing traffic impact studies on behalf of the Village for the following projects: 16999 South Dixie Highway Traffic Impact Analysis — Kimley-Horn assisted the Village of Palmetto in preparing a Traffic Impact Analysis (TIA) for a proposed mixed-use development to be located at 16999 South Dixie Highway (US 1). The 5-story mixed-use project includes: 31 residential condominium units, a 12,304-sf daycare and elementary school, 16,746-sf of office space, and a 107-space parking garage. Our scope of work for this task includes: trip generation; methodology determination; traffic data collection; trip distribution and assignment; capacity analysis; mitigation; daycare and elementary school queuing analysis; documentation of findings; response to agency comments; and attending meetings. Village Center Traffic Impact Analysis — Kimley-Horn assisted the Village of Palmetto in preparing a TIA for a proposed residential development to be located at 17777 Old Cutler Road. The 8-story residential project includes: 460 residential condominium units and 24 residential townhouse units for a total of 484 residential units. Our scope of work for this task includes: trip generation; methodology determination; traffic data collection; trip distribution and assignment; capacity analysis; mitigation; documentation of findings; response to agency comments; and attending meetings. South Dade Development — Kimley-Horn assisted the Village of Palmetto in preparing a TIA for a proposed residential redevelopment consisting of 58 multifamily units. Our scope of work for this task includes: trip generation; methodology determination; traffic data collection; trip distribution and assignment; capacity analysis; documentation of findings; response to agency comments; and attending meetings. 					
Fee: \$91,256.15					
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT					
a.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION <i>(City and State)</i> Plantation, FL	(3) ROLE Prime Consultant		
b.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Prime Consultant		
c.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION <i>(City and State)</i> Coral Gables, FL	(3) ROLE Prime Consultant		
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE		
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE		
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION (City and State) City of Pompano Beach Transportation Engineering Services Consultant, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (if Applicable)
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Pompano Beach	b. POINT OF CONTACT NAME Horacio Danovich	c. POINT OF CONTACT TELEPHONE NUMBER 954.786.7834
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

The City of Pompano Beach CRA selected Kimley-Horn to provide transportation support services for the City of Pompano Beach and the Community Redevelopment Agency (CRA). Initial traffic engineering/transportation planning assignments include traffic engineering analysis support for a City-initiated land use plan amendment along the Atlantic Boulevard corridor to allow for residential/mixed-use density and improved walkability/connectivity. Duties included corridor operations analysis, transportation systems management/geometric improvements, neighborhood protection and enhancement plans, and community outreach/workshops solely focused on transportation issues. Kimley-Horn now performs traffic impact study reviews for new projects within the amendment area. Tasks include methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/ loading area maneuverability analysis.

Fee: \$104,319.42

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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

6

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

Broward MPO Complete Streets Initiative, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2014

CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER
Broward MPO

b. POINT OF CONTACT NAME
Ricardo Gutierrez

c. POINT OF CONTACT TELEPHONE NUMBER
954.876.0044

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

Kimley-Horn served the Broward MPO as prime consultant on the Broward Complete Streets Initiative contract. Kimley-Horn's multi-disciplinary team of technical experts and dedicated safe streets advocates assisted the Broward MPO to enhance and implement Complete Streets projects and programs. Kimley-Horn led all aspects of the contract including the Complete Streets Master Plan, which defined a program of investment and identified specific projects through a unique analysis of identifying "project bundle areas" that will create a network of Complete Streets in areas of greatest need and social equity challenges. The Kimley-Horn team also facilitated Complete Streets Advisory Committee (CSAC) meetings, assisted the MPOs in the Southeast Florida region to organize the annual Safe Streets Summit conference, conducted Walking Audits, developed an updated Complete Streets Design Guidelines 2.0, conducted a variety of technical training programs, and developed the MPO's updated Bike Map.



Fee: \$500,000.00

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	Plantation, FL	Prime Consultant
b.			
c.			
d.			
e.			
f.			

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) Districtwide Modal Development Consultant (includes South Florida Regional Freight Plan), FDOT District Four	22. YEAR COMPLETED <table> <tr> <td>PROFESSIONAL SERVICES Ongoing</td><td>CONSTRUCTION (if Applicable)</td></tr> </table>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable)
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable)		

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER FDOT District Four	b. POINT OF CONTACT NAME Lauren Rand	c. POINT OF CONTACT TELEPHONE NUMBER 954.777.4499

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>
--

Kimley-Horn served on three Office of Modal Development (OMD) districtwide contracts to assess and recommend mobility enhancements for all transportation modes. Our team completed a broad range of projects during the contracts encompassing all major modes of transportation and coordination with project stakeholders and local governments. Specific project types included multimodal master plans, Multimodal Scoping Checklist (MMS), context classification analysis, Educational Bike Rides for FDOT staff, pedestrian and bicycle design plan reviews, SUN Trail program management support, regional freight transportation mobility, implementation of intelligent transportation systems (ITS) applications for public transit, managed use lane studies and monitoring, express bus studies, park-and-ride studies, preparation of grant applications, railroad crossing delay analyses, transit mobility studies, and intergovernmental coordination support. A partial list of additional task work orders completed include:

- | | |
|---|---|
| <ul style="list-style-type: none"> ❖ Queue Jumper Conceptual Design Services ❖ A1A Multi-Use Path ❖ Freight Funding Scan and Strategy ❖ Technical Documents Review ❖ Atlantic Commerce Corridor and Regional Freight Summit ❖ Bicycle and Pedestrian Safety Analysis ❖ Inland Port Concept Phase II Study ❖ Bicycle and Pedestrian Decision Support System ❖ Broward Transit Signal Priority Implementation ❖ Regional Freight Plan ❖ 2008 I-95 HOV Lane Monitoring Study ❖ Bicycle and Pedestrian Safety Phase II ❖ Stuart-Palm Beach Express Park-and-Rides ❖ Growth Management Implementation ❖ Broward Corridor Speed and Delay Study ❖ 10-Year Freight Report Card ❖ 2010 I-95 HOV Lane Monitoring Study ❖ I-595 Express Park-and-Ride Lot Signage Plans | <ul style="list-style-type: none"> ❖ Wave Downtown Transit Circulator Reviews ❖ Transit Signal Priority Before-and-After Study ❖ 95 Express Phase 1A/1B On-Board Surveys ❖ T-BEST Evaluation ❖ Bicycle Count Program ❖ I-595 Express Bus Travel Time Runs ❖ South Florida Commuter Services/MPO Survey ❖ Southeast Florida Regional Partnership Support ❖ Interregional Transportation Infrastructure Needs Study ❖ Hollywood/Pines Boulevard Park-and-Ride Plan ❖ Bus Queue Jumper Before-and-After Study ❖ General MPO Support Services ❖ Professional Assistance Support Tasks ❖ Fare Card Interoperability ❖ 2011 Railroad Crossing Delay Analysis ❖ Bicycle and Pedestrian Lighting Study ❖ Standardized Data Collection Program ❖ Consolidated Managed Use Lanes Summary Report |
|---|---|

Fee: \$3,000,000.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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

(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

8

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

Galleria Mall Garage Condition Assessments and Restoration, Fort Lauderdale, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
Ongoing

CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER
Galleria Mall

b. POINT OF CONTACT NAME
Mark Trouba

c. POINT OF CONTACT TELEPHONE NUMBER
954.564.1036

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

The Galleria, a premier shopping center located in east Fort Lauderdale with close proximity to Fort Lauderdale Beach, contains approximately 980,000 square feet of retail and approximately 100 stores including anchors Neiman Marcus, Macy's, and Dillard's. The center's last major redevelopment occurred in 2004 adding fine dining and nightlife establishments including The Capital Grille, Seasons 52, Truluck's, and PF Chang's. The Galleria offers more than 5,100 parking spaces for mall patrons in multiple surface lots and four parking decks. Kimley-Horn has been involved with the Galleria Mall parking structures for more than 15 years, during the first condition assessment of the parking structures and with the most recent assessment completed in the spring of 2013. Kimley-Horn was retained by Jones Lang LaSalle/Galleria Mall in the fall of 2012 to provide a condition assessment of the Mall's four parking decks: Lime, Orange, Plum, and Mango. Kimley-Horn utilized "Archipad," an iPad application used to track and managed construction site meetings and punchlists and tailored its use for assessing the condition of the garages. Utilizing existing floor plans as backgrounds and taking on-site pictures with an iPad, Archipad identified the picture to the exact repair location. Kimley-Horn also input repair description and quantities associated with each picture.



The parking structures vary in age and size since each structure was built as the mall expanded. Garages are constructed of either precast, pre-stressed concrete, or cast-in-place concrete slabs with precast, pre-stressed joists. Three of the four garages are integral with elevated mall space, and one garage is a stand-alone structure. The observed structural framing system consisted of the slabs, beams, columns, walls, bearing pads, curbs, joints, waterproofing, architectural sealants, and parapets. The observed operational systems generally consisted of the piping, lighting, striping, signage, and safety items. Observed aesthetic systems consisted of the exterior façade, painting, and general appearance. During construction, field related issues arose including the need to cut existing reinforcing present in expansion joints or notching new expansion joints to accommodate the bars. Pedestrian bridge corroded steel angles were identified for replacement. In the summer of 2013, the four parking structures: Lime, Orange, Plum, and Mango underwent Priority 1 restoration and maintenance upgrades based on the 2012 condition assessment and the 2013 restoration documents.

Fee: \$90,500.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION <i>(City and State)</i> Plantation, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Prime Consultant
c.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION <i>(City and State)</i> Coral Gables, FL	(3) ROLE Prime Consultant
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, If not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 9
---	---

21. TITLE AND LOCATION (City and State) Fort Lauderdale Downtown Mobility Hub Streetscape, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Chadwick Blue	c. POINT OF CONTACT TELEPHONE NUMBER 954.876.051

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i> Kimley-Horn is providing design services under a continuing services contract. Kimley-Horn is providing landscape architecture design, planning, traffic engineering, and civil engineering services for the revitalization of the existing streetscape in Downtown Fort Lauderdale. Our team was responsible for communication with client and stakeholders, design development, and construction drawings. We are also participating in the review of construction documents and permitting process. The goal is to create a pedestrian-friendly environment by adding walk/bike lanes and creating separation between traffic and pedestrian spaces — this includes adjusting lane lengths and altering bus lanes. Kimley-Horn is coordinating with various stakeholders (Broward County, Broward County Transportation, Sun Trolley, Brightline Rail) and prepared workshop-style presentations for several streetscape options. Fee: \$342,508.00

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION <i>(City and State)</i> Plantation, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION <i>(City and State)</i> Coral Gables, FL	(3) ROLE Prime Consultant
c.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION <i>(City and State)</i> Jacksonville, FL	(3) ROLE Prime Consultant
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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

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

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION (City and State)

Dixie Highway/21st Avenue Corridor Redesign Concept and Mobility Study, Hollywood, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2016

CONSTRUCTION (if Applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER
Hollywood CRA

b. POINT OF CONTACT NAME
Susan Goldberg

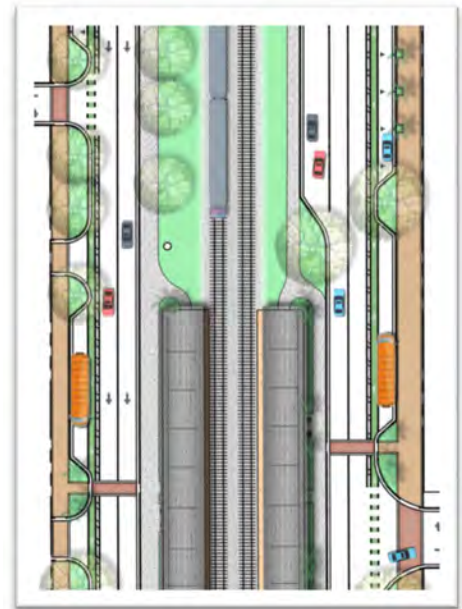
c. POINT OF CONTACT TELEPHONE NUMBER
954.924.2980

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

Through contracts with the City of Hollywood and the Hollywood CRA, Kimley-Horn prepared a Redesign Concept Study for the Dixie Highway and 21st Avenue corridor throughout Hollywood between Pembroke Road and Sheridan Street. The goal was to create a "transit-ready corridor" along the FEC Railroad by implementing Complete Streets solutions in anticipation of re-establishing passenger rail service through seamless integration of an anticipated Tri-Rail Coastal Link station.

Implementing Complete Streets solutions along Dixie Highway/21st Avenue is important to achieve the vision for improved multimodal mobility and livability along this important north-south corridor. The Complete Streets approach recommended in this study includes a "road diet" lane reduction to repurpose excess automobile capacity for bicyclist, pedestrian, and transit improvements. In addition, the Complete Streets approach will establish a transit-ready corridor for seamless integration of an anticipated Tri-Rail Coastal Link station along the Florida East Coast (FEC) Railroad.

Fee: \$63,150.30



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Prime Consultant
b.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime Consultant
c.	(1) FIRM NAME Kimley-Horn and Associates	(2) FIRM LOCATION (City and State) Sarasota, FL	(3) ROLE Prime Consultant
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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
Stewart Robertson, P.E.	Project Manager, Multimodal Transportation Planning and Analysis; Transportation/Urban Planning; Transportation Engineering		X				X	X	X	X	X
Omar Kanaan, P.E.	Deputy Project Manager; Traffic Engineering Studies/Traffic Calming		X			X				X	
Russell Barnes, P.E.	Principal-in-Charge										
Adrian Dabkowski, P.E.	Quality Assurance/Quality Control; Traffic Engineering/Traffic Calming	X	X			X			X		
John McWilliams, P.E.	Multimodal Transportation Planning and Analysis; Transportation Engineering	X	X	X		X		X			
John Lafferty	Multimodal Transportation Planning and Analysis										
Lisa Juan, EIT	Multimodal Transportation Planning and Analysis; Transportation/Urban Planning; Travel Demand Modeling					X		X			
Kelley Klepper, AICP	Transportation/Urban Planning										
Marwan Mufleh, P.E.	Transportation Engineering/Urban Street Design										X
Eric Regueiro, P.E.	Transportation Engineering/Urban Street Design										
Erin Emmons, GISP	GIS Mapping and Data Analysis	X	X					X			
Ravindra Wijesundera, P.E.	GIS Mapping and Data Analysis; Traffic Engineering Studies/Traffic Calming; Roadway and Pedestrian Lighting, Photometric Analysis	X	X					X			X
Ian Rairden, P.E.	Travel Demand Modeling										
Matthew Fursetzer, P.E.	Roadway and Pedestrian Lighting, Photometric Analysis										
David Taxman, P.E.	Parking Management Consulting										
Brett Wood, P.E.	Parking Management Consulting	X									
Stefano Viola, P.E.	Civil Engineering; Hydrology and Hydraulic		X		X					X	
Carlos Florian, P.E.	Civil Engineering									X	
Matthew Brosman, P.E.	Hydrology and Hydraulic										
Juan Fuentes, P.E.	Structural Engineering										

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	City of Fort Lauderdale General On-Call Traffic Engineering Services Consultant	6	Broward MPO Complete Streets Initiative
2	City of Miami Transportation Program Support Services Consultant	7	Districtwide Modal Development Consultant, FDOT District Four
3	City of Aventura Traffic Engineering Services Consultant	8	Galleria Mall Garage Condition Assessments and Restoration, Fort Lauderdale
4	Village of Palmetto Bay Professional Consulting Services	9	Fort Lauderdale Downtown Mobility Hub Streetscape
5	City of Pompano Beach Transportation Engineering Services Consultant	10	Dixie Highway/21st Avenue Corridor Redesign Concept and Mobility Study

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

[illegible]

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	City of Fort Lauderdale General On-Call Traffic Engineering Services Consultant	6	Broward MPO Complete Streets Initiative
2	City of Miami Transportation Program Support Services Consultant	7	Districtwide Modal Development Consultant, FDOT District Four
3	City of Aventura Traffic Engineering Services Consultant	8	Galleria Mall Garage Condition Assessments and Restoration, Fort Lauderdale
4	Village of Palmetto Bay Professional Consulting Services	9	Fort Lauderdale Downtown Mobility Hub Streetscape
5	City of Pompano Beach Transportation Engineering Services Consultant	10	Dixie Highway/21st Avenue Corridor Redesign Concept and Mobility Study

H. ADDITIONAL INFORMATION

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

Kimley-Horn has a strong history of collaborating with the City of Fort Lauderdale to help you achieve successful transportation projects. Furthermore, Kimley-Horn has worked on numerous traffic and transportation studies throughout South Florida and across the state, providing our clients with exceptional service and quality. If selected as the City's consultant, we pledge our full commitment to develop the best solutions to meet your unique goals. Our team of dedicated traffic and transportation engineers and planning experts commit that assignments under this contract will be completed in a timely manner to assist staff and provide value to the City. *The advantages of selecting our firm are highlighted below:*

We Know Fort Lauderdale. The team selected to serve you is based in our local office, which is located less than 10 miles from City Hall. Our proximity to you enables us to respond quickly to the City's needs. Through previous work efforts, both public and private, our staff has become very familiar with the unique needs of the City and we routinely work with the City's Unified Land Development Regulations (ULDRs), allowing us to be on a first-name basis with many members of City staff. Additionally, as a resident of Fort Lauderdale, I am deeply invested in the quality of life in this community and strive to continue to help it develop.

Decades of Similar Experience. Since our founding in 1967, transportation planning and traffic engineering have been Kimley-Horn's traditional areas of strength. Our staff has completed thousands of transportation plans and traffic impact analyses ranging from major statewide programs to site-specific analyses. Recently, *Engineering-News Record* ranked Kimley-Horn one of the top transportation engineering firms nationwide. This distinction is a result of our uncompromising commitment to excellence. In addition to currently serving as a consultant to the City of Fort Lauderdale, we also work with your neighbors in Miami, Miami Beach, Aventura, Palmetto Bay, and Pompano Beach under similar contracts where we continue to demonstrate our ability to deliver technical excellence in a timely and cost-effective manner.

Experienced In-House Staff. Our firm has been involved in traffic and transportation engineering and planning for more than 50 years. We have carefully assembled a core team of in-house experts, strategically selected to provide the City with the exceptional client service you have come to expect from Kimley-Horn. Serving as your project manager, I bring more than 20 years of traffic and transportation engineering and planning experience in South Florida. The team members proposed for this project have worked on numerous successful projects in Fort Lauderdale. In addition, with over 70 professionals and support staff in our Plantation office and more than 230 additional staff located in South Florida, we offer the **depth of staff** required to be responsive to all your needs under this contract.

Multidisciplinary Capabilities. Our in-house experts will provide services in the areas required under this contract, including:

- General transportation planning and traffic engineering
- Multimodal transportation planning and analysis
- Traffic impact and safety studies
- Parking studies and management
- Neighborhood traffic management and traffic calming
- Transportation/urban planning and travel demand modeling
- Signal timing analysis and warrant studies
- Hydrology and hydraulics
- Landscape architecture
- Civil engineering

From data collection and Synchro analysis to impact evaluation and needs assessment, the Kimley-Horn team is highly qualified and ready to serve the City of Fort Lauderdale.

Highly Qualified Subconsultants. We have identified specialized subconsultants that will provide support on an as-needed basis, including **Tierra South Florida** (DBE/MBE) for geotechnical services; **CALTRAN Engineering Group, Inc.** (WBE/MBE) for data collection and construction engineering and inspection (CEI); **Smith Engineering** (CBE) for mechanical, electrical, and plumbing engineering; **Holt Communications** (DBE/WBE/MBE) for public involvement; **National Data & Surveying Services** (NDS) for traffic counts; and **Keith and Associates, Inc.** for survey and mapping. These firms have extensive local experience and have a long-standing teaming history with Kimley-Horn.

Summary. Kimley-Horn has considerable experience in all aspects of this contract, and we have the right qualifications to serve you. As one of the largest traffic and transportation engineering and planning firms in South Florida, we offer the personal commitments and demonstrated experience from professionals who understand the City's needs. Our team also has the local knowledge and commitment to quality necessary to successfully serve the City in the capacity requested. On behalf of our team, I am excited about this opportunity to continue serving the City of Fort Lauderdale and look forward to partnering with you on this important contract.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

March 2, 2020

33. NAME AND TITLE

Stewart Robertson, P.E.

1. SOLICITATION NUMBER *(If any)*
Solicitation 12370-206

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

9. EMPLOYEES BY DISCIPLINE

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

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than \$100,000
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,000
4. \$500,000 to less than \$1 million
5. \$1 million to less than \$2 million
6. \$2 million to less than \$5 million
7. \$5 million to less than \$10 million
8. \$10 million to less than \$25 million
9. \$25 million to less than \$50 million
10. \$50 million or greater

The foregoing is a statement of facts.

AUTHORIZED FOR LOCAL REPRODUCTION
MANDATORY USE DATE OF FORM 5/1/2004

ARCHITECT – ENGINEER QUALIFICATIONS1. SOLICITATION NUMBER (if any)
Solicitation 12370-206**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	5. DUNS NUMBER 061099131
2b. STREET 1920 Wekiva Way, Suite 200			5. OWNERSHIP	
2c. CITY West Palm Beach			a. TYPE Corporation	
2d. STATE FL			b. SMALL BUSINESS STATUS No	
2e. ZIP CODE 33411			7. NAME OF FIRM (If block 2a is a branch office) APHC, Inc.	
6a. POINT OF CONTACT NAME AND TITLE Russell Barnes, P.E., Principal-in-Charge				
6b. TELEPHONE NUMBER 561.845.0665		6c. E-MAIL ADDRESS russell.barnes@kimley-horn.com		
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	
		(1) FIRM	(2) BRANCH
30	Geologists	5	0
02	Administrative	312	32
08	CADD Technicians	134	5
12	Civil Engineers	1523	40
13	Communications Engineers	32	1
15	Construction Inspectors	12	2
63	Design Technicians	99	5
23	Environmental Engineers	14	1
26	Forensic Engineers	2	1
66	Graphic Designers	58	3
39	Landscape Architects	120	4
42	Mechanical Engineers	16	4
48	Project Managers	161	8
57	Structural Engineers	75	3
65	Technical Support	329	9
64	Technical Writers	137	8
58	Technician/Analysts	613	15
60	Transportation Engineers	316	5
62	Water Resources Engineers	62	2
	Other Employees	224	1
Total		4244	149

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

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
C10	Commercial Building; (low rise); Shopping	2
C12	Communications Systems; TV; Microwave	6
D04	Design-Build - Preparation of Requests for	4
E09	Environmental Impact Studies, Assessments	3
F05	Forensic Engineering	6
H07	Highways; Streets; Airfield Paving; Parking	7
H11	Housing (Residential, Multifamily,	1
I04	Intelligent Transportation Systems	3
L03	Landscape Architecture	4
O01	Office Building; Industrial Parks	2
P05	Planning (Community; Regional; Areawide &	3
P12	Power Generation, Transmission,	4
R04	Recreational Facilities	2
R13	Roadway Design	2
S04	Sewage Collection, Treatment & Disposal	4
S13	Stormwater Handling & Facilities	2
T03	Traffic & Transportation Engineering	6
W02	Water Resources; Hydrology; Ground Water	4
W03	Water Supply; Treatment and Distribution	6
A05	Airports; Nav aids; Airport Lighting; Aircraft	3
A06	Airports; Terminals; & Hangars; Freight	4
B02	Bridge Design	3

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

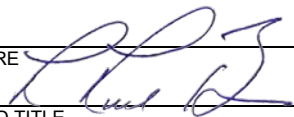
a. Federal Work	3
b. Non-Federal Work	9
c. Total Work	9

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 |
| 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 	c. DATE 03/02/20
c. NAME AND TITLE Russell Barnes, P.E., Principal-in-Charge/Senior Vice President	

ARCHITECT – ENGINEER QUALIFICATIONS1. SOLICITATION NUMBER (If any)
Solicitation 12370-206**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	6. DUNS NUMBER 061099131
2b. STREET 1777 Main Street, Suite 200			5. OWNERSHIP	
2c. CITY Sarasota			a. TYPE Corporation	
2d. STATE FL			b. SMALL BUSINESS STATUS No	
2e. ZIP CODE 34236			7. NAME OF FIRM (If block 2a is a branch office) APHC, Inc.	
6a. POINT OF CONTACT NAME AND TITLE Kelley Klepper, AICP., Transportation/Urban Planning and Travel Demand Modeling				
6b. TELEPHONE NUMBER 941.379.7600		6c. E-MAIL ADDRESS kelley.klepper@kimley-horn.com		
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	
		(1) FIRM	(2) BRANCH
42	Mechanical Engineers	16	2
13	Communications Engineers	32	0
02	Administrative	312	2
08	CADD Technicians	134	4
12	Civil Engineers	1523	19
63	Design Technicians	99	1
23	Environmental Engineers	14	1
39	Landscape Architects	120	7
47	Planners: Urban/Regional	100	1
48	Project Managers	161	4
65	Technical Support	329	4
58	Technician/Analysts	613	8
60	Transportation Engineers	316	2
	Other Employees	475	0
Total		4244	55

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

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
A05	Airports; Nav aids; Airport Lighting; Aircraft	1
B02	Bridge Design	1
C10	Commercial Building; (low rise); Shopping	3
C11	Community Facilities	2
C12	Communications Systems; TV; Microwave	1
E09	Environmental Impact Studies, Assessments	1
F05	Forensic Engineering	2
H07	Highways; Streets; Airfield Paving; Parking	5
H10	Hotels; Motels	2
H11	Housing (Residential, Multifamily,	6
I04	Intelligent Transportation Systems	1
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
R04	Recreational Facilities (Parks; Marinas; etc.)	2
S04	Sewage Collection, Treatment & Disposal	3
T03	Traffic & Transportation Engineering	1
U02	Urban Renewals; Community Development	2
W02	Water Resources; Hydrology; Ground Water	1
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)

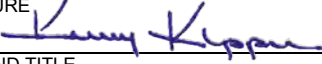
a. Federal Work	1
b. Non-Federal Work	8
c. Total Work	8

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 |
| 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 	d. DATE 03/02/20
c. NAME AND TITLE Kelley Klepper, AICP, Vice President	

1. SOLICITATION NUMBER *(If any)*
Solicitation 12370-206

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

[illegible]

The foregoing is a statement of facts.

a. SIGNATURE	e. DATE
	03/02/20
c. NAME AND TITLE	
David Campbell, P.E., Senior Vice President	

1. SOLICITATION NUMBER (If any)
Solicitation 12370-206

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

[illegible]

The foregoing is a statement of facts.

AUTHORIZED FOR LOCAL REPRODUCTION
MANDATORY USE DATE OF FORM 5/1/2004

1. SOLICITATION NUMBER *(If any)*
Solicitation 12370-206

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

9. EMPLOYEES BY DISCIPLINE			
a. Function Code	b. Discipline	c. No. of Employees (1) FIRM (2) BRANCH	
02	Administrative	312	2
08	CADD Technicians	134	3
12	Civil Engineers	1523	21
63	Design Technicians	99	1
24	Environmental Scientists	29	2
30	Geologists	5	1
47	Planners: Urban/Regional	100	2
48	Project Managers	161	2
65	Technical Support	329	4
58	Technician/Analysts	613	6
	Other Employees	939	0
Total		4244	44

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Profile Code	b. Experience	c. Revenue Index Number <i>(see below)</i>
A05	Airports; Nav aids; Airport Lighting; Aircraft	4
A06	Airports; Terminals; & Hangars; Freight	2
C10	Commercial Building; (low rise); Shopping	6
C12	Communications Systems; TV; Microwave	5
E02	Educational Facilities; Classrooms	1
E11	Environmental Planning	2
H07	Highways; Streets; Airfield Paving; Parking	2
H09	Hospitals & Medical Facilities	1
H10	Hotels; Motels	2
H11	Housing (Residential, Multifamily,	3
L03	Landscape Architecture	2
O01	Office Building; Industrial Parks	3
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
S04	Sewage Collection, Treatment & Disposal	4
S07	Solid Wastes; Incineration; Landfill	2
T03	Traffic & Transportation Engineering	5
U02	Urban Renewals; Community Development	3
W03	Water Supply; Treatment and Distribution	1
W02	Water Resources; Hydrology; Ground Water	1

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

The foregoing is a statement of facts.

AUTHORIZED FOR LOCAL REPRODUCTION
MANDATORY USE DATE OF FORM 5/1/2004

1. SOLICITATION NUMBER *(If any)*
Solicitation 12370-206

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

[illegible]

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	3	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	3	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

The foregoing is a statement of facts.

AUTHORIZED FOR LOCAL REPRODUCTION
MANDATORY USE DATE OF FORM 5/1/2004

1. SOLICITATION NUMBER (If any)
12370-206

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

2a. FIRM (OR BRANCH OFFICE) NAME TSF (Tierra South Florida, Inc.)					3. YEAR ESTABLISHED 2003		4. UNIQUE ENTITY IDENTIFIER 829296222	
2b. STREET 2765 Vista Parkway, Suite 10					5. OWNERSHIP			
					a. TYPE Corporation			
2c. CITY West Palm Beach			2d. STATE FL	2e. ZIP CODE 33411		b. SMALL BUSINESS STATUS		
6a. POINT OF CONTACT NAME AND TITLE Raj Krishnasamy, P.E., President/Principal Engineer					DBE - FDOT UCP MBE - Florida Statewide OSD & City of Orlando SBE - Palm Beach County, City of West Palm Beach, SFWMD, School District of PBC.			
					7. NAME OF FIRM (<i>If block 2a is a branch office</i>) N/A			
6b. TELEPHONE NUMBER (561) 687-8536		6c. E-MAIL ADDRESS Raj@TSFGeo.com						
8a. FORMER FIRM NAME(S) (<i>If any</i>)					8b. YR. ESTABLISHED		8c. UNIQUE ENTITY IDENTIFIER	
N/A					N/A		N/A	
9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS				
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (<i>see below</i>)		
		(1) FIRM	(2) BRANCH					
2	Administrative	6	6	S05	Soils and Geologic Studies; Foundations	6		
8	CADD Technician	2	2	T02	Testing and Inspection Services	6		
27	Foundation/Geotechnical Eng	7	7					
58	Technician/Analyst	27	27					
15	Construction Inspector	5	5					
16	Construction Manager	2	2					
Total		49	49					
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		6			9. \$25 million to less than \$50 million			
b. Non-Federal Work		6			10. \$50 million or greater			
c. Total Work		7						

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE February 7, 2020
c. NAME AND TITLE Raj Krishnasamy, P.E., President/Principal Engineer	

**ARCHITECT – ENGINEER QUALIFICATIONS**

1. SOLICITATION NUMBER (if any)

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME Smith Engineering Consultants, Inc.			3. YEAR ESTABLISHED 1999	4. DUNS NUMBER 079572215
2b. STREET 412 SE 18 th Street			5. OWNERSHIP	
2c. CITY Fort Lauderdale			a. TYPE Corporation	
2d. STATE FL			b. SMALL BUSINESS STATUS City of WPB, Palm Beach County, SFWMD, FDOT, Broward County CBE	
33316			7. NAME OF FIRM (if block 2a is a branch office) Smith Engineering Consultants, Inc.	
6a. POINT OF CONTACT NAME AND TITLE Larry M. Smith, P.E., President				
6b. TELEPHONE NUMBER (954) 590-0488		6c. E-MAIL ADDRESS larry@smithengineeringconsultants.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 (1) FIRM (2) BRANCH		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
02	Administrative	1		A05	Airports; Nav aids; Airport Lighting	1
08	CADD Technician	4		C18	Cost Estimating	1
21	Electrical Engineer	2		D03	Desalinization	1
42	Mechanical Engineer	1		E03	Electrical Studies and Design	1
15	Construction Inspector	1		H04	Heating; Ventilating; Air Conditioning	1
				L06	Lighting (Exteriors; Streets; Memorials;	1
				P07	Plumbing & Piping Design	1
				P12	Power Generation, Transmission, Dist.	1
				S13	Storm Water Handling & Facilities	1
				A12	Automation; Controls; Instrumentation	1
				C04	Chemical Processing & Storage	1
				B02	Bridges	1
				C08	Codes; Standards; Ordinances	1
				C17	Corrosion Control; Cathodic Protection;	1
				D04	Design-Build – Preparation of Requests for	1
				F03	Fire Protection	1
				F05	Forensic Engineering	1
				S04	Sewage Collection, Treatment and Disposal	1
				S07	Solid Wastes; Incineration; Landfill	1
				H07	Highways; Streets; Airfield Paving; Parking	1
	Other Employees	0		W03	Water Supply; Treatment and Distribution	1
	Total	9		R04	Recreation Facilities (Parks, Marinas, Etc.)	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
b. Non-Federal Work	5	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	5	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 02/06/2020
c. NAME AND TITLE Larry M. Smith, P.E./President	

2a. FIRM (OR BRANCH OFFICE) NAME KEITH			3. YEARS ESTABLISHED 1998	4. DUNS NUMBER 618480219
2b. STREET 2312 S Andrews Ave			5. OWNERSHIP	
2c. CITY Fort Lauderdale			2d. STATE FL	2e. ZIP CODE 33316
6a. POINT OF CONTACT NAME AND TITLE Alex Lazowick, PE, PMP, President			a. TYPE Corporation	
6b. TELEPHONE NUMBER 954-788-3400			b. SMALL BUSINESS STATUS N/A	
6c. E-MAIL ADDRESS marketing@keithteam.com			7. NAME OF FIRM (if block 2a is a branch office) N/A	
8a. FORMER FIRM NAME(S) (if any) Keith and Associates, Inc.			8b. YR. ESTABLISHED N/A	8c. DUNS NUMBER N/A

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL 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	17	1	A06	Airports; Terminals and Hangars	0
12	Civil Engineering, PE	9	3	B02	Bridges	0
60	Transportation Engineering, PE	3		C07	Coastal Engineering	0
15	Construction Inspector	3		C10	Commercial Building (Low Rise)	2
16	Construction Manager	21		C11	Community Facilities	3
29	G.I.S. Specialist	1		C15	Construction Management	2
38	Land Surveyor, PSM	6	3	C16	Construction Surveying	2
39	Landscape Architect, RLA	3	3	E02	Educational Facilities	2
47	Planner: Urban/Regional	8	8	F02	Field Houses; Gyms; Stadiums	0
48	Project Manager	4		G04	G.I.S. Services; Development, Analysis	1
53	Scheduler	2		H07	Highways, Street, Airfield Paving	2
	Landscape Designer	6	6	H09	Hospitals & Medical Facilities	2
	Project Engineer	27		I06	Irrigation; Drainage	2
	Project Surveyor	6		L03	Landscape Architecture	3
	Survey Field Crew	15	5	P05	Planning (Community, Regional...)	3
	Subsurface Utility Engineer	5	1	R03	Railroad; Rapid Transit	0
	Subsurface Utility Field Crew	8	3	R04	Recreation Facilities (Parks, Marinas, etc.)	3
	Utility Coordinator	8	1	S10	Surveying; Platting; Mapping; Flood Study	2
	VDC/BIM/CIM	1		S13	Storm Water Handling & Facilities	1
				T04	Topographic Surveying & Mapping	2
				W03	Water Supply; Treatment & Distribution	2
				Z01	Zoning; Land Use Studies	2
	TOTAL	151	34			

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	N/A	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	4	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	4	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
	1/31/2020

c. NAME AND TITLE
Alex Lazowick, PE, PMP, President

1. SOLICITATION NUMBER (If any)

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

8a. FORMER FIRM NAME(S) (If any)	8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER
----------------------------------	----------------------	------------------------------

Total					
-------	--	--	--	--	--

c. Total Work		5. \$1 million to less than \$2 million	10. \$50 million or greater
---------------	--	---	-----------------------------

The foregoing is a statement of facts.

c. NAME AND TITLE	
Abraham Tashman, President	



4. Qualifications of the Project Team

Kimley-Horn understands that when you select a consultant, you are really choosing people who offer you technical expertise, extensive hands-on experience with similar projects, and a demonstrated record of quality and responsiveness that will make your project a success. Kimley-Horn's culture is structured to hire and retain highly motivated employees who exude pride and enthusiasm for Kimley-Horn and the services we provide.

Kimley-Horn recognizes the importance of establishing a proven staffing plan at the onset of the project. We recognize that each project is uniquely different and as such will require a different team composition to effectively complete the project. The depth of services we offer the City from our local offices will likely serve every need you may have on your Traffic and Transportation Engineering and Planning Services, Continuing Services Contract. However, in the event additional needs arise we have a multitude of services and professionals that can meet your every need from across the nation.

As indicated by the organization chart providing on the following page, Kimley-Horn understands the value of assembling a strong and diverse project team and has strategically selected a team of experts for this continuing services contract.

Qualifications of Key Project Team Members

The City of Fort Lauderdale needs 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 you with unmatched service, responsiveness, and essential local knowledge.

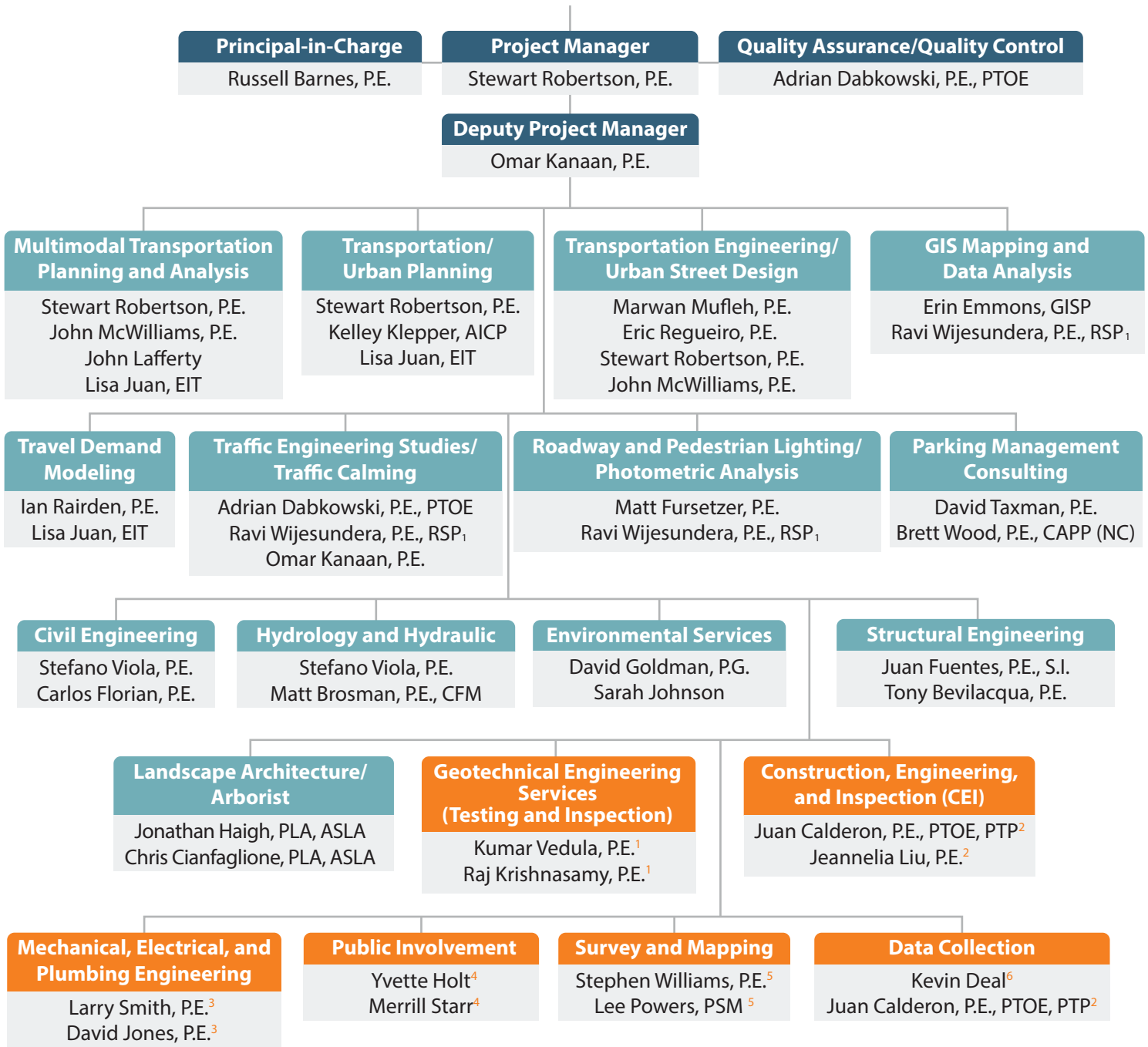
Kimley-Horn is pleased to present the qualifications of our project team, offering you the seamless combination of relevant experience and proven cost control management techniques. Our employees are sincere, reliable, and professional with the drive and fervor to initiate innovative methods and solutions 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.

Our key team members and their specific roles, educational background, level of involvement, we anticipate they will have on this contract, and qualifications for this contract are outlined below. ***Our project manager and deputy project manager's experience and qualifications are provided in Section 3.*** In addition, SF 330 Part I Section E Resumes for all of our team members are provided at the end of this section. Please note that work order based contracts typically have different levels of involvement from different staff members based on the assignments that actually occur. For example, the project manager will naturally have a higher level of involvement than the principal-in-charge. However, you have the full commitment from each of our team members to perform their roles as the need arises on this contract.



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206



Legend

1. Tierra South Florida (DBE/MBE)
2. CALTRAN Engineering Group, Inc. (WBE/MBE)
3. Smith Engineering (CBE)
4. Holt Communications (DBE/WBE/MBE)
5. Keith and Associates, Inc.
6. NDS Data



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206



Russell Barnes, P.E. – Principal-in-Charge

Level of Involvement: Low

As Kimley-Horn's Florida regional team leader, Russell is responsible for overall regional results in the following areas: quality of all services rendered to clients; quality of personnel; client relations; professional ethics and effective business practices; planning; and providing general direction and oversight to development of business, utilization of capital and facilities, and staff utilization. He also serves as the firm's principal-in-charge or quality assurance/quality control professional for select projects. Russell has 32 years of varied civil engineering experience that includes drainage design, roadway design, sanitary sewer studies and design, corridor location studies, and intersection design. He has also managed projects with extensive interagency and consultant coordination. While Russell has worked on projects throughout the U.S., his primary focus has been South Florida, specifically Broward, Palm Beach, and Miami-Dade counties. Russell earned his Bachelor of Science degree in Civil Engineering from North Carolina State University. He is a Professional Engineer in Florida.



Adrian Dabkowski, P.E., PTOE – Quality Assurance/Quality Control, Traffic Engineering/Traffic Calming

Level of Involvement: High

Adrian has 17 years of traffic/transportation engineering experience related to transportation planning, traffic operations, corridor studies, toll road revenue studies, long-range transportation improvement plans, access management, and alternative intersection development. He has served as project manager on the City of Miami Transportation Program Support Services contract. Adrian served as an extension of the City of Miami staff helping prepare traffic operations analyses, transportation planning, traffic calming and Complete Streets improvements, and transit planning and operations. Adrian also served as the transportation project manager for the Brickell CitiCentre project in Downtown Miami which is one of the largest ongoing developments in the U.S. He is proficient in Highway Capacity Software (HCS), Synchro, VISSIM, ART-PLAN, HIGH-PLAN, FREE-PLAN, and Cube software programs. Adrian earned his Master of Civil Engineering in Transportation Engineering from Florida International University. He is a Professional Engineer in Florida and Louisiana and a Registered Professional Traffic Operations Engineer.



Stefano Viola, P.E. – Civil Engineering/Hydrology and Hydraulic

Level of Involvement: Medium

Stefano has 13 years of engineering experience, including roadway restoration/resurfacing, drainage modeling, water/wastewater utility design, stormwater master planning, preparation of engineering drawings, permitting, and site/plan preparation and review. He also has experience with AutoCAD, WaterCAD, StormCAD, and Cascade software programs. Stefano has extensive experience in the design and construction of transit and intermodal facilities. Stefano earned his Bachelor of Science degree in Civil Engineering from Florida International University. He is a Professional Engineer in Florida.



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206



Kelley Klepper, AICP – Transportation/Urban Planning

Level of Involvement: Medium

Kelley has 27 years of planning, development, and redevelopment experience in Florida, Kentucky, and Tennessee. He has extensive experience working with local government agencies, master planning and plan implementation, community redevelopment agencies, and development/redevelopment projects. Kelley also has extensive knowledge of land use and entitlements planning, development-related issues, public policy, parks and open space planning, comprehensive planning, budgeting, funding coordination, urban growth boundaries and management, urban design, transportation demographics and population projects, and form-based code training. Kelley is experienced with coordinating and conducting public meetings and presentations, including public involvement plans and visioning. He also has a thorough knowledge of developments of regional impact (DRIs), land development codes, zoning ordinances, and small area plans. Kelley earned both his Bachelor of Science degree in Psychology and his Master of Arts in Geography and Urban Planning from East Tennessee State University. He is a Certified Planner by the American Institute of Certified Planners.



Marwan Mufleh, P.E. – Transportation Engineering/Urban Street Design

Level of Involvement: Medium

Marwan has 32 years of highway design experience in South Florida. His principal areas of practice include project management, roadway design, drainage design, pavement marking, maintenance of traffic, and construction administration. Marwan has worked extensively on CRA projects throughout South Florida including improvements to 24th and 25th Streets in West Palm Beach with the City and the CRA; streetscapes for 6th Avenue North and 10th Avenue South with the Lake Worth CRA; US1 in Delray Beach with the City and CRA; and Seacrest Boulevard improvements with the Boynton Beach CRA. Additionally, he has directed numerous projects for Broward County, Palm Beach County, the Florida Department of Transportation (FDOT) District Four, and numerous South Florida municipalities. Currently, Marwan served as the Florida Redevelopment Association's regional representative for South Florida. He is a liaison between the association and CRAs in Broward, Miami-Dade, and Monroe counties and is at the forefront of changes and issues affecting Florida CRAs.



Erin Emmons, GISP – GIS Mapping and Data Analysis

Level of Involvement: Low

Erin has 14 years of experience in urban and regional multimodal transportation planning in both the public and private sectors, with a specialty focus in Geographic Information Systems. As a GIS Professional, Erin has led the efforts of several Florida DOT and Georgia DOT District office studies, as well as multiple MPO, and local municipality GIS specific projects, including the collection and assessment of existing transportation network conditions and model forecasting scenarios. 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. Erin earned her Bachelor of Science degree in Urban and Regional Planning from Florida Atlantic University. She also received a Graduate Certificate in Geographic Information Science (GIS) from the University of West Florida. She is a certified GIS Professional (GISP).



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206



Ian Rairden, P.E. – Travel Demand Modeling

Level of Involvement: Low

Ian Rairden is a project engineer with 15 years of experience. Ian served as the assistant project manager on the recent Miami-Dade MPO Origin-Destination Surveys for Local Bus Service projects (Northeast Garage, 2012, Central Garage, 2013, and Coral Way Garage, 2014), Metromover Expansion Study, and Miami River Miami Intermodal Center Capacity Improvement (MR-MICCI). He is proficient with Highway Capacity Software (HCS) and Synchro software packages and has hands-on experience with the Southeast Regional Planning Model (SERPM) and Northeast Regional Planning Model (NERPM) based on the Florida Standard Urban Transportation Model Structure (FSUTMS). His work experience includes transit planning studies for Miami-Dade MPO, transportation planning services for FDOT District Four, safety analyses for FDOT District Two, and traffic impact analyses and parking studies in Miami-Dade, Broward, and Palm Beach counties. Ian earned both his Master of Civil Engineering degree in Transportation Engineering and his Bachelor of Science degree in Civil Engineering from the University of Florida. He is a Professional Engineer in Florida.



Ravi Wijesundera, P.E., RWSP₁ – GIS Mapping and Data Analysis; Traffic Engineering Studies/Traffic Calming; Roadway and Pedestrian Lighting, Photometric Analysis

Level of Involvement: Low

Ravi has 16 years of experience involving traffic safety studies, neighborhood traffic management, GIS mapping, project traffic development, travel demand applications, traffic impact analysis, transit studies, signal warrant analysis, corridor access management studies, crash data analysis, data collection and analysis, comprehensive intersection analysis and safety improvement, and intelligent transportation systems. He is proficient in HCS, Synchro, AutoCAD, Turns5, aaSIDRA, ArcGIS, Minitab, and SPSS. Ravi has served the City of North Miami on the Bicycle Park-and-Ride Plan, the Citywide Neighborhood Traffic Calming Plan, and the Keystone Boulevard and Bayshore Drive Traffic Calming Study. He also recently served as project manager for the South Miami Neighborhood Traffic Study and the Village of Biscayne Park Traffic Plan Update. Both of these projects focus on developing traffic management strategies to improve safety and quality of life for their communities. Ravi earned his Master of Science degree in Civil Engineering from the University of Alabama. He also earned both a Master of Engineering and a Bachelor of Science degree in Civil Engineering from the University of Moratuwa, Sri Lanka. He is a Professional Engineer in Florida.



Matthew Brosman, P.E., CFM – Hydrology and Hydraulic

Level of Involvement: Low

Matt has six years of experience involving hydrologic and hydraulic modeling, bridge and culvert hydraulic design, and stormwater master planning. He has modeling experience with EPASWMM, XPSWMM, ICPR, HEC-RAS, and HEC-HMS. Matt is also experienced with GIS data management and visualization, proficient with AutoCAD, and skilled in MATLAB programming and application. Matt earned his Bachelor of Science degree in Civil Engineering from the University of Florida. He is a Professional Engineer in Florida and Certified Floodplain Manager nationally.



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206



Jonathan Haigh, PLA, ASLA – *Landscape Architecture*

Level of Involvement: Low

Jonathan has 24 years of experience as a practicing professional landscape architect. He is a skilled designer, with park-related project experience throughout the southeast United States: eight community parks of 60 acres and greater, more than 20 passive parks of varying size, and more than 50 miles of dedicated greenways. He has contributed, managed, and/or produced seven comprehensive recreation master plans in five states. Implementing these plans and others, he has directed the preparation of park-related construction drawings, detailing, and specifications. His experience is strongest in applying a practical

and budget-friendly, yet creative, design approach to each project. He has thoroughly embraced the application of sustainable principles in project design and incorporating the design of Florida-friendly landscapes and water-efficient irrigation systems.

Subconsultants

Kimley-Horn's emphasis on dynamic teamwork and quality performance serves as the foundation from which we select 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. These team members essentially operate as a seamless addition to our staff, providing superior technical skills with a balanced focus on client needs, goals, and concerns.

We have recruited the following expert subconsultants to round out our team. We have worked with all these firms in the past and found them to be excellent partners and provide outstanding quality and client service. ***Brief overviews of the firms and their roles are provided below.***

Tierra South Florida (DBE/MBE) – *Geotechnical Engineering Services*

Tierra South Florida (TSF) is a full-service consulting geotechnical engineering, construction materials testing and inspections firm with capabilities to provide test borings, engineering analyses and reports, AutoCAD and Microstation plan sheets, laboratory soils testing, and construction engineering inspection services. Their professional team has been working together since 2000 and is committed to providing quality, responsive service establishing a reputation for sound approaches and professional competence in a wide range of technically demanding areas.

Their services also include threshold/special inspection and roofing inspection services. TSF is a certified Disadvantaged Business Enterprise (DBE) with the Florida Department of Transportation and a certified Minority Business Enterprise (MBE) with the State of Florida's Office of Supplier Diversity and the City of Orlando. Their staff includes principal engineers with more than 33 years of experience in geotechnical, construction, laboratory and field materials testing and inspection services. TSF can provide a complete range of geotechnical engineering services including laboratory testing and analysis; subsurface exploration; site preparation recommendations; soil reinforcement; pavement evaluations and design; and corridor studies.



CALTRAN Engineering Group (WBE/MBE) – *Construction, Engineering, and Inspection (CEI)*

CALTRAN is a certified DBE and MBE professional engineering firm specialized in the areas of traffic and transportation engineering. They provide professional engineering services that are cost-effective and responsive to a wide range of clients in both the





TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

private and public sectors. Their highly qualified team members have extensive experience in projects within the City of Miramar, City of Fort Lauderdale, City of Miami Beach, City of Sunny Isles Beach, City of Miami Gardens, the Florida Department of Transportation (FDOT), Miami-Dade County, Broward County, the Miami Dade Expressway Authority (MDX), and in assisting multiple private clients throughout the State of Florida. Moreover, their primary focus is to provide a comprehensive and practical approach to solving current and future transportation and planning challenges. The firm supplies professional transportation and traffic engineering services, which are cost-effective and responsive to a wide range of clients. They strive to foster economic growth and success, while providing safe, efficient and environmentally sound transportation solutions.

Smith Engineering Consultants – Mechanical, Plumbing, and Electrical Engineering



Smith Engineering Consultants, Inc. (SEC) is a mechanical/electrical engineering firm with an in-depth knowledge of transportation projects. Their experience in lighting, signalization, and ITS design and construction administration is unparalleled. Smith Engineering has built a deserved reputation for completing assignments in a cost-effective and timely manner. SEC is well qualified to perform mechanical, plumbing, and electrical engineering services that the City of Fort Lauderdale might require from their staff including power generation; low and medium voltage power distribution systems; electrical power systems analysis including short-circuit coordination, arc-flash, and power quality; lightning protection, fire alarm, security, HVAC controls, automation and instrumentation using SCADA and HMI's, plumbing, indoor and outdoor lighting (with in-house photometric design), LEED projects, etc. They specialize in municipal projects and have worked for many government agencies throughout our more than 20 years in business. They are also a certified CBE business in Broward County.

Holt Communications (DBE/WBE/MBE) – Public Involvement



Holt Communications (HC) is a South Florida based public involvement firm specializing in providing strategic communications, marketing and public outreach services. Since 2006, the firm has delivered comprehensive communications strategies to meet public involvement needs of clients including the South Florida Regional Transportation Authority, Florida Department of Transportation, Palm Beach Transportation Planning Agency, Treasure Coast Regional Planning Council, Broward County Transit, Miami-Dade Expressway Authority, Miami-Dade County Transportation and Public Works, Solid Waste and Water and Sewer Departments as well as Waste Management, Inc. HC currently serves as subconsultant for the Miami-Dade County Department of Transportation and Public Works (DTPW) GPC. HC handles the Beach Corridor Rapid Transit Project which is one of Miami-Dade County's Strategic Miami Area Rapid Transit (SMART) Plan corridors. HC developed a robust community outreach program that built community consensus leading to a Locally Preferred Alternative (LPA) being selected unanimously by the Miami-Dade Transportation Planning Organization's (TPO) Governing Board. Also, assigned to HC under the DTPW's GPC is the Bus Express Rapid Transit (BERT) Network Implementation Project.

Keith and Associates – Surveying and Mapping



KEITH was incorporated as a Florida corporation in 1998. As a mid-size close-knit firm of over 170 professionals, they provide civil engineering, traffic engineering, surveying and mapping, subsurface utility engineering, planning, landscape architecture, construction management and virtual design and construction services. Their firm was founded on the principle of achieving success by combining the latest technology with client-oriented business practices, and a staff of experienced and talented professionals. KEITH understands the importance of community involvement and the necessity of working with local, state, and federal agencies in a hands-on cooperative manner to build consensus and receive subsequent approval of highly sensitive projects. The professionals of KEITH continue to take great pride in the success of their undertakings. KEITH's expertise in land surveying is evidenced by its staff. This experience has resulted in a tremendous database of knowledge and information. The ability to offer in-house surveying and mapping



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

capabilities provides for a more comprehensive unified team. Services include boundary, topographic, control, wetland, mitigation, route, aviation, bathymetric, Mobile LiDAR, GIS, GPS, as-built, American Land Title and coastal surveys, legal descriptions, right-of-way mapping, design base sheets, title review, DTMs, differential leveling, construction stakeout, platting, expert witness surveying, and mapping services.

NDS Data – Data Collection

Founded in 1989, National Data & Surveying Services (NDS) was established to deliver accurate and cost-effective solutions to their client's traffic, transit, and GIS/GPS data collection. NDS is entering its 30th year of successful corporate operations that have established us as one of the foremost, full service, traffic and transit data collection companies in the country. National Data & Surveying Services (NDS) has an outstanding team of 100 professional full-time employees that will ensure the successful coordination and completion of any project. With local field crews in 15 major cities throughout the West Coast, the Southeast and the Mid-Atlantic NDS can quickly respond to all project needs. NDS leverages their experience and expertise to deliver accurate and timely data in a professional manner.



Project Team Resumes

As requested, resumes for all Kimley-Horn personnel have been provided in SF 330 format on the following pages. In addition, resumes for our subconsultant partners can be found here as well.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Stewart Robertson, P.E.	13. ROLE IN THIS CONTRACT Project Manager, Multimodal Transportation Planning and Analysis; Transportation/Urban Planning; Transportation Engineering/Urban Street Design	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 18</td> <td>b. WITH CURRENT FIRM 18</td> </tr> </table>		a. TOTAL 18	b. WITH CURRENT FIRM 18						
a. TOTAL 18	b. WITH CURRENT FIRM 18										
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL											
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science / Civil Engineering / University of Kentucky / 2001 Bachelor of Science / Civil Engineering / University of Kentucky / 2000		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 63939 / 2005									
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Has 18 years of experience specializing in transportation planning and engineering, with an emphasis in multimodal planning and design including complete streets and bicycle/pedestrian safety and mobility - Experience includes MPO planning studies, complete streets planning and design, multimodal master planning, transit studies, transit ITS implementation, intersection capacity analysis, safety studies, travel demand analysis, walkability assessments, bicycle network plans, and geographic information systems											
19. RELEVANT PROJECTS											
<table border="1"> <tr> <td data-bbox="82 657 954 737"> (1) TITLE AND LOCATION (City and State) Broward MPO On-Call Planning Services (includes Complete Streets Guidelines), FL </td> <td colspan="2" data-bbox="963 657 1541 737"> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2013</td> <td>CONSTRUCTION (If Applicable) 2013</td> </tr> </table> </td> </tr> <tr> <td colspan="3" data-bbox="82 743 1541 909"> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Project manager. Kimley-Horn was selected to provide on-call planning services for the Broward Metropolitan Planning Organization. For our first task under this contract, Kimley-Horn prepared Complete Street Guidelines to present standards and design guidance for planners, engineers, and maintenance officials to achieve a vision of implementing Complete Streets principles which aim to design streets for people of all ages, physical abilities, and travel modes. </td> </tr> </table>				(1) TITLE AND LOCATION (City and State) Broward MPO On-Call Planning Services (includes Complete Streets Guidelines), FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2013</td> <td>CONSTRUCTION (If Applicable) 2013</td> </tr> </table>		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable) 2013	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Project manager. Kimley-Horn was selected to provide on-call planning services for the Broward Metropolitan Planning Organization. For our first task under this contract, Kimley-Horn prepared Complete Street Guidelines to present standards and design guidance for planners, engineers, and maintenance officials to achieve a vision of implementing Complete Streets principles which aim to design streets for people of all ages, physical abilities, and travel modes.		
(1) TITLE AND LOCATION (City and State) Broward MPO On-Call Planning Services (includes Complete Streets Guidelines), FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2013</td> <td>CONSTRUCTION (If Applicable) 2013</td> </tr> </table>		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable) 2013							
PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable) 2013										
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Project manager. Kimley-Horn was selected to provide on-call planning services for the Broward Metropolitan Planning Organization. For our first task under this contract, Kimley-Horn prepared Complete Street Guidelines to present standards and design guidance for planners, engineers, and maintenance officials to achieve a vision of implementing Complete Streets principles which aim to design streets for people of all ages, physical abilities, and travel modes.											
<table border="1"> <tr> <td data-bbox="82 915 954 995"> (1) TITLE AND LOCATION (City and State) Fort Lauderdale General On-Call Traffic Engineering Services, FL </td> <td colspan="2" data-bbox="963 915 1541 995"> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table> </td> </tr> <tr> <td colspan="3" data-bbox="82 1001 1541 1203"> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Project engineer. Kimley-Horn is providing general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn's role includes the review of traffic impact analyses/site plans submitted by private developers with tasks that included methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis. Work assignments also include the design of pilot complete streets projects, studies for speed limit reductions, traffic operations issues, and crosswalk warrants. </td> </tr> </table>				(1) TITLE AND LOCATION (City and State) Fort Lauderdale General On-Call Traffic Engineering Services, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Project engineer. Kimley-Horn is providing general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn's role includes the review of traffic impact analyses/site plans submitted by private developers with tasks that included methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis. Work assignments also include the design of pilot complete streets projects, studies for speed limit reductions, traffic operations issues, and crosswalk warrants.		
(1) TITLE AND LOCATION (City and State) Fort Lauderdale General On-Call Traffic Engineering Services, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)							
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)										
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Project engineer. Kimley-Horn is providing general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn's role includes the review of traffic impact analyses/site plans submitted by private developers with tasks that included methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis. Work assignments also include the design of pilot complete streets projects, studies for speed limit reductions, traffic operations issues, and crosswalk warrants.											
<table border="1"> <tr> <td data-bbox="82 1209 954 1289"> (1) TITLE AND LOCATION (City and State) Miami-Dade County Complete Streets Design Guidelines, FL </td> <td colspan="2" data-bbox="963 1209 1541 1289"> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION (If Applicable) 2017</td> </tr> </table> </td> </tr> <tr> <td colspan="3" data-bbox="82 1295 1541 1455"> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Project manager. Kimley-Horn prepared the Miami-Dade Complete Streets Design Guidelines to provide the unifying design document for local governments in Miami-Dade County to be able to identify and incorporate Complete Streets elements into road projects. The Design Guidelines targeted to engineers, planners, and developers. The Design Guidelines were made possible through a Centers for Disease Control and Prevention (CDC) grant administered by the Florida Department of Health (FDOH). </td> </tr> </table>				(1) TITLE AND LOCATION (City and State) Miami-Dade County Complete Streets Design Guidelines, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION (If Applicable) 2017</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2017	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Project manager. Kimley-Horn prepared the Miami-Dade Complete Streets Design Guidelines to provide the unifying design document for local governments in Miami-Dade County to be able to identify and incorporate Complete Streets elements into road projects. The Design Guidelines targeted to engineers, planners, and developers. The Design Guidelines were made possible through a Centers for Disease Control and Prevention (CDC) grant administered by the Florida Department of Health (FDOH).		
(1) TITLE AND LOCATION (City and State) Miami-Dade County Complete Streets Design Guidelines, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION (If Applicable) 2017</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2017							
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2017										
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Project manager. Kimley-Horn prepared the Miami-Dade Complete Streets Design Guidelines to provide the unifying design document for local governments in Miami-Dade County to be able to identify and incorporate Complete Streets elements into road projects. The Design Guidelines targeted to engineers, planners, and developers. The Design Guidelines were made possible through a Centers for Disease Control and Prevention (CDC) grant administered by the Florida Department of Health (FDOH).											
<table border="1"> <tr> <td data-bbox="82 1461 954 1541"> (1) TITLE AND LOCATION (City and State) Broward County South US 1 Bus Rapid Transit (BRT) Improvements Study, FL </td> <td colspan="2" data-bbox="963 1461 1541 1541"> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION (If Applicable) 2016</td> </tr> </table> </td> </tr> <tr> <td colspan="3" data-bbox="82 1547 1541 1749"> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Project engineer. This project focused on Bus Rapid Transit improvements for South US 1 between Downtown Fort Lauderdale and Aventura Mall (Miami-Dade County). The study developed a package of short- and medium-term implementation projects and identified long term investments to improve transit service, mobility, livability, and support economic development along the corridor. The solutions included transit infrastructure, traffic signalization, intelligent transportation systems (ITS), and complete streets to support transit-oriented development, multimodal facilities, and improved surface transportation. </td> </tr> </table>				(1) TITLE AND LOCATION (City and State) Broward County South US 1 Bus Rapid Transit (BRT) Improvements Study, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION (If Applicable) 2016</td> </tr> </table>		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Project engineer. This project focused on Bus Rapid Transit improvements for South US 1 between Downtown Fort Lauderdale and Aventura Mall (Miami-Dade County). The study developed a package of short- and medium-term implementation projects and identified long term investments to improve transit service, mobility, livability, and support economic development along the corridor. The solutions included transit infrastructure, traffic signalization, intelligent transportation systems (ITS), and complete streets to support transit-oriented development, multimodal facilities, and improved surface transportation.		
(1) TITLE AND LOCATION (City and State) Broward County South US 1 Bus Rapid Transit (BRT) Improvements Study, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION (If Applicable) 2016</td> </tr> </table>		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016							
PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016										
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Project engineer. This project focused on Bus Rapid Transit improvements for South US 1 between Downtown Fort Lauderdale and Aventura Mall (Miami-Dade County). The study developed a package of short- and medium-term implementation projects and identified long term investments to improve transit service, mobility, livability, and support economic development along the corridor. The solutions included transit infrastructure, traffic signalization, intelligent transportation systems (ITS), and complete streets to support transit-oriented development, multimodal facilities, and improved surface transportation.											
<table border="1"> <tr> <td data-bbox="82 1755 954 1835"> (1) TITLE AND LOCATION (City and State) Miami-Dade TPO General Planning Consultant (GPC I-V) Contracts, FL </td> <td colspan="2" data-bbox="963 1755 1541 1835"> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION (If Applicable) 2016</td> </tr> </table> </td> </tr> <tr> <td colspan="3" data-bbox="82 1841 1541 1984"> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Kimley-Horn served as General Planning Consultant (GPC) for the Miami-Dade TPO for five consecutive contract terms. Kimley-Horn completed forty-seven (47) work orders during the course of GPCs I-V. Work orders that have been performed under these contracts include congestion management system plan updates, multimodal corridor studies, bicycle/pedestrian plans, transit studies, transit passenger surveys, freight and goods movement analyses, and sub-area mobility plans. </td> </tr> </table>				(1) TITLE AND LOCATION (City and State) Miami-Dade TPO General Planning Consultant (GPC I-V) Contracts, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION (If Applicable) 2016</td> </tr> </table>		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Kimley-Horn served as General Planning Consultant (GPC) for the Miami-Dade TPO for five consecutive contract terms. Kimley-Horn completed forty-seven (47) work orders during the course of GPCs I-V. Work orders that have been performed under these contracts include congestion management system plan updates, multimodal corridor studies, bicycle/pedestrian plans, transit studies, transit passenger surveys, freight and goods movement analyses, and sub-area mobility plans.		
(1) TITLE AND LOCATION (City and State) Miami-Dade TPO General Planning Consultant (GPC I-V) Contracts, FL	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION (If Applicable) 2016</td> </tr> </table>		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016							
PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016										
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Kimley-Horn served as General Planning Consultant (GPC) for the Miami-Dade TPO for five consecutive contract terms. Kimley-Horn completed forty-seven (47) work orders during the course of GPCs I-V. Work orders that have been performed under these contracts include congestion management system plan updates, multimodal corridor studies, bicycle/pedestrian plans, transit studies, transit passenger surveys, freight and goods movement analyses, and sub-area mobility plans.											

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Omar Kanaan, P.E.	13. ROLE IN THIS CONTRACT Deputy Project Manager; Traffic Engineering Studies/Traffic Calming	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 7</td> <td>b. WITH CURRENT FIRM 7</td> </tr> </table>		a. TOTAL 7	b. WITH CURRENT FIRM 7
a. TOTAL 7	b. WITH CURRENT FIRM 7				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science / Civil Engineering / Western Michigan University / 2012 Bachelor of Science / Civil Engineering / Western Michigan University / 2010		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 81433 / 2016			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Has seven years of traffic/transportation engineering and transportation planning experience related to traffic impact studies, traffic calming studies, safety studies, corridor studies, traffic operational studies, signal warrant analyses, vehicle maneuverability analysis, and valet operation studies - Proficient in AutoCAD, AutoTURN maneuverability software, Highway Capacity Software (HCS), Synchro, SimTraffic, CORSIM, and ArcMap (GIS)					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
City of Miami Transportation Program Support Services, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn served as an extension of the City's staff assisting in the program management and administration of transportation and transit projects in the City's Capital Improvements Program (CIP). Kimley-Horn's responsibilities included providing oversight of projects encompassing planning, design, and construction activities.	☒ Check if project performed with current firm	
Traffic Calming Spot Location Data Collection, Miami, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for general traffic engineering and data collection coordination. Kimley-Horn is assisting City staff in addressing traffic concerns raised by constituents which include safety, speeding, and cut-through traffic complaints by providing traffic volume and speed data along identified roadway segments. The data is used to determine if traffic calming measures are warranted and the type of traffic calming measures to be installed.	☒ Check if project performed with current firm	
City of Aventura Traffic Engineering Services Consultant	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is currently providing general traffic engineering and transportation planning services to City staff as a subconsultant to another firm. Duties include peer review of traffic impact and parking studies, site plan review, representation at public hearings, and signal design. Additional duties include comprehensive study of various proposed infrastructure modifications, including Aventura Mall access and circulation, William Lehman Causeway interchange justification, US 1 median closure, extension of Miami Gardens Drive (east of US 1/Biscayne Boulevard) and evaluation of potential railroad crossings.	Check if project performed with current firm	
Culmer and Lummus Park Neighborhood Traffic Calming Study	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn prepared a neighborhood traffic calming study to assess the magnitude of cut-through and speeding traffic in the Culmer and Lummus Park neighborhoods within the City of Miami. The study area was generally bounded by NW 14th Street to the north, NW 1st Street to the south, Interstate 95 to the east, NW 7th Avenue/NW North River Drive to the west. The project included stakeholder meetings, data collection and analysis, Miami- Dade County and Commissioner office coordination, and the preparation of a phased traffic calming plan.	Check if project performed with current firm	
Starwood Office Headquarters Building	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn was selected to provide transportation engineering services for Starwood Headquarters. The proposed redevelopment consists of an office building and the parcel proposed for redevelopment is currently occupied by a surface parking lot. Our scope of services includes a traffic impact study encompassing trip generation, methodology determination, traffic data collection, trip distribution and assignment, capacity analysis, pedestrian facility evaluation, transportation demand strategies strategy documentation, documentation findings, maneuverability, valet operations analysis, and FDOT coordination.	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 Barnes, P.E.	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 30

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

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering / North Carolina State University / 1989	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 0048592 / 1994
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
- Has 32 years of civil engineering experience including transportation, roadway design, sanitary sewer studies and design, corridor location studies, drainage, and intersection design - Serves numerous South Florida municipalities, including the cities of Miami, Miami Beach, Miami Lakes, South Miami, and the Town of Bay Harbor Islands

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a. Town Engineering Services, Town of Miami Lakes, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-in-charge. Kimley-Horn is currently serving the Town of Miami Lakes as their Town Engineer. Miami Lakes has contracted with our firm to provide all aspects of engineering associated with the Town, including providing staff to fill the positions of Public Works Director. With Miami Lakes' recent incorporation, they needed to assess the infrastructure within the Town limits. Kimley-Horn provided Miami Lakes with an assessment of the conditions of the roads, sidewalks, signing, and striping within the Town limits. The recommendations from this assessment included a prioritization of the improvements along with a five-year capital improvement program (CIP). To facilitate implementing these improvements, we provided construction documents and obtained bids from contractors to implement the projects. Other achievements include obtaining a grant from the Metropolitan Planning Organization to prepare a Transportation Master Plan.	[X] Check if project performed with current firm	
b. Lincoln Road District Improvements, Miami Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-in-charge. This is an ongoing project with City of Miami Beach for the redevelopment of Lincoln Road Pedestrian Mall. The design included water features, streetscape, and infrastructure improvements. Kimley-Horn is currently providing civil engineering, permitting, traffic signal modifications, and civil engineering design services for this project. This project includes the replacement of 8-inch sewer main, 12-inch water main, 24-inch storm pipe, and 30-inch force main along Meridian Avenue.	[X] Check if project performed with current firm	
c. Miami Beach Light Rail/Modern Streetcar P3 Program Management, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2017
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Miami Beach Streetcar is a double-tracked light rail transit (LRT) or modern streetcar system circulating through the Art Deco District of Miami Beach, and providing connectivity between South Beach hotels and the Miami Beach Convention Center. Kimley-Horn served as the prime consultant overseeing the project through project development, conceptual engineering, environmental impact analysis, and procurement of a P3 developer that would design, build, operate, maintain, and finance.	[X] Check if project performed with current firm	
d. ITS and Smart Parking System Program Management, Miami Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Kimley-Horn is developing a project system engineering management plan, concept of operations, project plan, and procurement documents for a Smart Cities initiative combining ITS and smart parking. The project will deploy cameras, arterial dynamic message signs, vehicle detection, parking occupancy information to communicate real time traffic and parking conditions throughout the City.	[X] Check if project performed with current firm	
e. General Landscape Architectural Services Contract, Village of Palmetto Bay, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Kimley-Horn is providing the Village of Palmetto Bay with landscape architecture services, including the design of landscape architectural components including hardscape, landscape, site furniture, site lighting and irrigation for different project types including parks, streetscapes, and other related urban public realm areas from concept through construction.	[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 Adrian Dabkowski, P.E., PTOE	13. ROLE IN THIS CONTRACT Quality Assurance/Quality Control; Traffic Engineering Studies/Traffic Calming	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 14

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

16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Civil Engineering / Transportation Engineering / Florida International University / 2014	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) US / Pro Traffic Ops Engineer / 2309 / 2008 FL / Professional Engineer / 78828 / 2015
---	--

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Has 17 years of traffic/transportation engineering experience related to transportation planning, traffic operations, corridor studies, toll road revenue studies, long-range transportation improvement plans, access management, and alternative intersection development - Proficient in AutoCAD, Highway Capacity Software (HCS), Synchro, VISSIM, ArcGISART-PLAN, HIGH-PLAN, FREE-PLAN, and StreetEVAL
--

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Fort Lauderdale General On-Call Traffic Engineering Services, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is providing general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn's role includes the review of traffic impact analyses/site plans submitted by private developers with tasks that included methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis. Work assignments also included the design of pilot complete streets projects, studies for speed limit reductions, traffic operations issues, and crosswalk warrants.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Las Olas Boulevard and Colee Hammock Neighborhood Traffic Calming, Fort Lauderdale, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn assisted the City with preliminary designs for the reconfiguration of Las Olas Boulevard, which resulted in the City implementing a pilot project for temporary lane elimination and buffered bike lanes. Our services also addressed traffic circulation, safety, multimodal mobility, and quality-of-life issues along the Las Olas Boulevard corridor. The project also included a traffic calming study for the Colee Hammock neighborhood. Improvements included enhanced crosswalks, raised intersection, and warning lights for improved safety. For Colee Hammock, our team provided plans for roadway design, signing and pavement markings, lighting improvements, and permitting application preparation. We also provided post-design construction services.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) SR A1A Streetscape Improvements, Fort Lauderdale, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is providing full civil engineering services for the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants, and is responsible for providing the civil engineering, permitting, coordination, and other services for the complete project.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Las Olas Boulevard Corridor Improvements, City of Fort Lauderdale, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. The City was interested in providing buffered bike lanes, opportunities for landscaping and emphasize pedestrian and bike mobility. As we started the data collection and public involvement phase it became apparent the need for providing a traffic calming study for the adjacent neighborhood to prevent cut through traffic and to direct traffic to a designated local street. Our traffic engineers collaborated with our Complete Streets design experts, our roadway design engineers and City staff to investigate several alternatives including designation of some streets as one-way pair to discourage cut through traffic throughout the neighborhood. This option was discounted in favor of more traffic calming measures.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) City of Miami Transportation Program Support Services, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn served as an extension of the City's staff assisting in the program management and administration of transportation and transit projects in the City's Capital Improvements Program (CIP). Kimley-Horn's responsibilities include providing oversight of projects encompassing planning, design, and construction activities.	[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 John McWilliams, P.E.	13. ROLE IN THIS CONTRACT Multimodal Transportation Planning and Analysis; Transportation Engineering/Urban Street Design	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 19
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering / Ohio Northern University / 2000		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 62541 / 2005	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
- Has 21 years of experience in traffic engineering and transportation planning experience - Expertise in traffic operations, transportation planning, and access management			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City of Miami Transportation Program Support Services, FL		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn served as an extension of the City's staff assisting in the program management and administration of transportation and transit projects in the City's Capital Improvements Program (CIP). Kimley-Horn's responsibilities include providing oversight of projects encompassing planning, design, and construction activities.		
Fort Lauderdale General On-Call Traffic Engineering Services, FL		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is providing general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn's role includes the review of traffic impact analyses/site plans submitted by private developers with tasks that included methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis. Work assignments also included the design of pilot complete streets projects, studies for speed limit reductions, traffic operations issues, and crosswalk warrants.		
NE 36th Street and Biscayne Boulevard/SR A1A Intersection Roadway Improvements, Miami, FL		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable) 2015
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn prepared a traffic study and determine intersection improvements at NE 36th Street and Biscayne Boulevard/SR A1A. This analysis included traffic data collection, design traffic forecasts, intersection operational analysis, and the development of long-term improvements for the study intersection. The operational analysis examined existing and future traffic conditions during the weekday peak hours. Significant coordination was held with FDOT, City of Miami Beach, and Miami Dade County Public Works and Waste Management Department's Signal and Signs Division.		
Districtwide Pedestrian and Bicycle Consultant, FDOT District Six		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn's duties include conducting an engineering review of plans and reports for incorporating, extending, and/or enhancing bicycle and pedestrian facilities, submitting project review comments within the Electronic Review Comment (ERC) process, presenting current FDOT projects to the Miami-Dade BPAC on a monthly basis for review and comment, providing non-motorized transportation expertise at stakeholder meetings, and coordinating with design engineers and FDOT project managers as necessary. In addition, Kimley-Horn has assisted the department with performing ancillary tasks such as developing a bicycle ways design checklist, assisting in the development of sharrow marking prioritization criteria, and performing field data collection tasks.		
NE 185th Street at NE 28th Court Traffic Signal Warrant Analysis and Signal Design		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If Applicable) 2014
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Kimley-Horn served as design engineer for the City of Aventura for the design of a new traffic signal installation at the intersection. Through early design analysis, Kimley-Horn identified the need for traffic signal equipment easements needed to provide the proper clearance from existing electrical transmission lines along the south side of the intersection. Tasks included traffic signal warrant analyses, design, utility coordination, and construction phase services.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME John Lafferty	13. ROLE IN THIS CONTRACT Multimodal Transportation Planning and Analysis	14. YEARS EXPERIENCE	
		a. TOTAL 23	b. WITH CURRENT FIRM 0
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master / Environmental Policy / University of Maryland / 2000 Bachelor of Science / Environmental Biology / State University of New York / 1993		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
- Has more than 20 years of professional experience in project management, multimodal transportation planning, and stakeholder outreach - Experience includes technical analyses/assessments for various government agencies to evaluate capital improvement projects			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Broward Metropolitan Planning Organization (MPO) General Planning Consultant Services, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm Project manager responsible for providing professional technical services for the Broward MPO.		
b.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	South Florida Regional Transportation Authority (SFRTA) General Planning Consultant Services, Pompano Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm Project manager responsible for servicing a five-year planning contract and responding to client needs as specifically, related to the planning disciplines of transportation, finance, operations and stakeholder outreach. Under this SFRTA contract, John successfully managed more than 60 task order assignments with each project completed on-time and within the allocated budget. Since 2004, John has successfully retained this multi-year contract with SFRTA through several contract award cycles.		
c.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Broward County Transit (BCT) 2030 Master Plan, FL	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm Deputy project manager responsible for development of a comprehensive master plan to further develop and improve BCT's transit system. Major tasks included data collection and development of a GIS database; identification and recommendation of evaluation standards and performance criteria; analysis of existing, short-range and long-range transit conditions in Broward County; identification and evaluation of all transit-related services, including transit infrastructure/capital improvements; and development and prioritization of recommended projects for the development of a 2030 transit system.		
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Miami-Dade Transportation Planning Organization (TPO) General Planning Consultant Services, Miami, FL	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm Project manager for three-year on-call task order-based contract awarded in late 2018. Since 2009, John has successfully retained this multi-year contract with the TPO through several contract award cycles. Projects managed under this contract include the preparation of Transit Development Plan, conducting an Enhanced Bus Study within the Flagler Corridor in Miami, as well as developing a Freight Plan Update that will be applied to the Miami 2040 Long Range Transportation Plan. John also led the largest value task order for the Miami TPO, Regional Travel Survey for purposes of collecting travel behavior information from the public for purposes of updating ridership models. In total John has led and completed 15 task order assignments.		
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Miami-Dade Transit Program Management Consultant, FL	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If Applicable) 2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm Served as planning manager for this seven-year on-call task order-based contract. Responsibilities included day-to-day contact with the Miami-Dade Transit management team. Professional services were provided for various transit and multimodal planning projects to include the preparation of TIGER grant applications, transit planning research and analysis, as well as transit station and multimodal planning and park-and-ride and transit facility conceptual design plans.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Lisa Juan, EIT	13. ROLE IN THIS CONTRACT Multimodal Transportation Planning and Analysis; Transportation/Urban Planning; Travel Demand Modeling	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 5</td> <td>b. WITH CURRENT FIRM 5</td> </tr> </table>		a. TOTAL 5	b. WITH CURRENT FIRM 5
a. TOTAL 5	b. WITH CURRENT FIRM 5				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science / Transportation Engineering / University of Massachusetts Lowell / 2014		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) MA / Engineer-in-Training / 24542 / 2014			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Has more than five years of experience with transportation projects, including traffic engineering studies and transportation planning studies - Experience includes multimodal master planning, safety studies, travel demand analysis, bicycle corridor studies, bicycle network plans, and geographic information systems mapping					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
SR A1A Streetscape Improvements, Fort Lauderdale, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn is providing full civil engineering services for the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants, and is responsible for providing the civil engineering, permitting, coordination, and other services for the complete project.	☒ Check if project performed with current firm	
Miami-Dade MPO 2040 Bicycle/Pedestrian Plan, FL	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If Applicable) 2014
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn prepared the Miami-Dade MPO 2040 Bicycle and Pedestrian Plan, which will serve as the bicycle and pedestrian element for the 2040 Long Range Transportation Plan (LRTP). In addition, the document serves as a standalone bicycle and pedestrian plan for Miami-Dade County. The overall goal of this initiative was to identify a plan of infrastructure and non-infrastructure improvements to reduce bicyclist and pedestrian fatalities and increase bicyclist and pedestrian mode share in Miami-Dade County.	☒ Check if project performed with current firm	
South Miami Intermodal Transportation Plan (ITP), FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable) 2015
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn prepared the South Miami Intermodal Transportation Plan (SMITP). The City of South Miami desired to enhance the existing transportation system and mobility choices available to residents, workers, and visitors to the City. An integral component of this effort was to establish and implement the SMITP, which identified an interconnected network of mobility and safety improvements based on smart growth and complete streets principles. The goal of the SMITP was to identify and prioritize pedestrian and bicycle projects throughout the City, as well as to enhance access to public transportation.	☒ Check if project performed with current firm	
Miami Lakes Greenways and Trails Plan, FL	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If Applicable) 2014
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn completed the Miami Lakes Greenways and Trails Plan in 2014. We developed recommendations for providing a Town-wide network of greenway trail facilities and pedestrian safety improvements. The Plan focused on key elements of non-motorized transportation including pedestrian pathways, bicycle trails, shared-use paths, recreational greenways, and connections to mass transit, thereby optimizing walking and bicycling as healthy, clean transportation options in Miami Lakes.	☒ Check if project performed with current firm	
Palm Beach TPA Complete Streets Design Guidelines, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2017
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn developed <i>Complete Streets Guidelines</i> to encourage the development of walkable, bikeable, and transit-friendly communities through an integrated approach to planning the County's transportation networks. The County's goal was to incorporate Complete Streets elements into all phases of roadway planning, design, construction, and maintenance. Deliverables included a <i>Complete Streets Design Guidelines</i> document that directs engineers and planners regarding how to plan and design Complete Streets elements into all types of transportation and land development projects.	☒ 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 Transportation/Urban Planning	14. YEARS EXPERIENCE	
		a. TOTAL 27	b. WITH CURRENT FIRM 14

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

16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Arts / Geography and Urban Planning / East Tennessee State University / 1995	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Amer Instit Cert Planners / 014572 / 1999
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
- Has 27 years of planning experience working with local government agencies, community redevelopment agencies, development and redevelopment projects, master planning and plan implementation - Extensive knowledge of land and entitlements planning, parks and open space planning, development-related issues, public policy, comprehensive planning, budgeting, funding coordination, urban growth boundaries and management, urban/rural design, transportation demographics, and population projects; form-based codes

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Continuing Services for Community Planning, FDOT District Five	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project planner. Kimley-Horn was selected to provide professional services for conducting and reviewing a variety of transportation planning and land use planning studies and documents. Our services will include preparation of developments of regional impacts (DRIs), comprehensive plans, corridor plans and sub-area analysis, and MPO assistance.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Polk Avenue Streetscape, Cape Canaveral, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2017
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project planner. Kimley-Horn provided master planning design services for streetscape improvements to a portion of Polk Avenue between North Atlantic Avenue/AIA and Ridgewood Avenue with an extension to the beach access. The streetscape project will act as an east/west pedestrian corridor to link the new City hall to the beach as well as a spine for new public park improvements like Whimsy and Inspiration Park. Multiple urban design solutions are being considered including creating "chicanes" or "Woonerfs." The conceptual design services included concept design drawings and sketches for landscape improvements, crosswalk and sidewalk/hardscape treatments, bike lanes/shared use paths, pedestrian and street lighting, and public art opportunities.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Sustainable Hardee County Community-Wide Visioning, FL	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable) 2013
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn facilitated a countywide visioning effort, including land use/environment, quality of life, infrastructure, education, and economic development. The visioning project included the development of a public involvement plan, community outreach, public workshops, and facilitated discussions/stakeholder engagement and prioritization of community projects and needs. Working with the Board of County Commissioners and the Planning and Development Department, our team was also charged with identifying changes to the County's regulations, policies, and practices necessary to achieve the community's goals.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Town of Miami Lakes Complete Streets Program, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2018
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn assisted the Town of Miami Lakes in developing a Complete Streets program consistent with the Miami-Dade County Complete Street Guidelines. The plan included an analysis of all town roads, development of roadway typologies including cross sections, recommended improvements along targeted corridors and preliminary cost estimates. The plan helped coordinate the Town's efforts with their comprehensive plan, strategic plan, and the trails master plan.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Village of Palmetto Bay Evaluation and Appraisal Report and EAR Based Comprehensive Plan Amendment, FL	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable) 2015
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn prepared the Village's initial Evaluation and Appraisal Report (EAR) to comply with Florida growth management statutes. As part of the EAR review process, our team performed a detailed consistency review of the comprehensive plan with current statutory requirements to ensure that the Village's Plan is up-to-date and addresses major land use planning issues, changing population and demographics, and land use conditions, including future land use map and text amendments. Review also involves suggestions for plan revisions to better address the plan's objectives.	☒ 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 Marwan Mufleh, P.E.	13. ROLE IN THIS CONTRACT Transportation Engineering/Urban Street Design	14. YEARS EXPERIENCE	
		a. TOTAL 31	b. WITH CURRENT FIRM 16

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

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering / University of Texas, Arlington / 1986	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 45329 / 1992
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
- Has 32 years of civil engineering experience - Principal areas of practice include project management from the design concept stage through the construction administration phase, roadway design, streetscape, Complete Streets, roadway lane re-purposing, traffic calming, neighborhood revitalization, drainage design, innovative pavement design, pavement marking, and maintenance of traffic

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	(1) Las Olas Boulevard Corridor Improvements, City of Fort Lauderdale, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. The City was interested in providing buffered bike lanes, opportunities for landscaping and emphasize pedestrian and bike mobility. As we started the data collection and public involvement phase it became apparent the need for providing a traffic calming study for the adjacent neighborhood to prevent cut through traffic and to direct traffic to a designated local street. Our traffic engineers collaborated with our Complete Streets design experts, our roadway design engineers and City staff to investigate several alternatives including designation of some streets as one-way pair to discourage cut through traffic throughout the neighborhood. This option was discounted in favor of more traffic calming measures.	☒ Check if project performed with current firm	
b.	(1) Las Olas Boulevard and Colee Hammock Neighborhood Traffic Calming, Fort Lauderdale, FL	2018	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn assisted the City with preliminary designs for the reconfiguration of Las Olas Boulevard, which resulted in the City implementing a pilot project for temporary lane elimination and buffered bike lanes. Our services also addressed traffic circulation, safety, multimodal mobility, and quality-of-life issues along the Las Olas Boulevard corridor. The project also included a traffic calming study for the Colee Hammock neighborhood. Improvements included enhanced crosswalks, raised intersection, and warning lights for improved safety. For Colee Hammock, our team provided plans for roadway design, signing and pavement markings, lighting improvements, and permitting application preparation.	☒ Check if project performed with current firm	
c.	(1) Pompano Beach Continuing Contract for Transportation Engineering Services for Various City Projects, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. The City of Pompano Beach CRA selected Kimley-Horn to provide transportation support services. Initial traffic engineering/transportation planning assignments include traffic engineering analysis support for a City-initiated land use plan amendment along the Atlantic Boulevard corridor to allow for residential/mixed-use density and improved walkability/connectivity. Duties included corridor operations analysis, transportation systems management/geometric improvements, neighborhood protection and enhancement plans, and community outreach/workshops solely focused on transportation issues.	☒ Check if project performed with current firm	
d.	(1) SR A1A Complete Streets Design, Hollywood, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn led a feasibility study to incorporate Complete Streets elements within the corridor. The concept plans included a reduction of speed, improving safety for vehicles, pedestrians, and bicyclists; wider sidewalks, buffered bicycle lanes, and designated loading zones; and improved street furniture, landscaping, and signage.	☒ Check if project performed with current firm	
e.	(1) SR A1A Streetscape Improvements, Fort Lauderdale, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn is providing full civil engineering services for the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants, and is responsible for providing the civil engineering, permitting, coordination, and other services for the complete project.	☒ 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 Eric Regueiro, P.E., ENV SP	13. ROLE IN THIS CONTRACT Transportation Engineering/Urban Street Design	14. YEARS EXPERIENCE	
		a. TOTAL 13	b. WITH CURRENT FIRM 13

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

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering / University of California, Irvine / 2005	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 86211 / 2018
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) More than 14 years of experience in roadway and land development projects, with emphasis on street improvement design, pavement condition analysis, grading and drainage, stormwater management, and sewer and water system design

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a. Lowson Boulevard Roadway Improvements, Delray Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn was selected to provide professional engineering services to assist with the initial design and final design of the roadway improvements to Lowson Boulevard. The project includes shared-use paths for pedestrians and cyclists and other improvements. The project is partially funded through the FDOT LAP program. In addition, the project included intensive public involvement, coordination with TPA and FDOT, shared-use paths, paving and drainage improvements, curbing, signing and pavement marking, two railroad at-grade crossings, signal modifications, and lighting improvements.	☒ Check if project performed with current firm	
b. Dixie Highway GO Bond Project, Pompano Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Assistant project manager. Kimley-Horn was selected to provide professional engineering services to assist with the final design and construction documents for the beautification Gateway elements of Atlantic Boulevard and Dixie Highway to revitalize the downtown area of Pompano. The Dixie Highway project limits are from McNab Road to Sample Road and Atlantic Boulevard from NW 6th Avenue to Cypress Road. This project is part of the City of Pompano Beach GO Bond program and includes beautification of the roadway to include paving, drainage improvements, sidewalks, lighting, parking, multiuse trails, landscaping, irrigation, and curbing.	☒ Check if project performed with current firm	
c. Lake Worth Neighborhood Road Program Year 4, Lake Worth, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager on the team that provided civil engineering services consisting of design and roadway construction drawings for year 4 projects assisting the City with its pavement rehabilitation program. The effort focused mainly on plans, specifications, and construction inspection services for pavement rehabilitation on roadways with the lowest pavement condition index. Tasks include data collection, utility coordination, development of construction documents, bidding assistance, and observation during construction.	☒ Check if project performed with current firm	
d. SE 1st Street 30% Plans, Boynton Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn provided the conceptual engineering design services for the SE 1st Street Sidewalk Improvements Project. The project used the information prepared during the Grant Application and Conceptual Engineering phase and the topographic field survey and right-of-way survey provided by the City to advance the design up to the 30% preliminary plans. Services included base mapping, typical section development, oversight of horizontal alignment analysis, redesign of intersection geometry at SE 12th Avenue and at-grade crossing modifications, review of vertical alignment and cross sections analysis, preliminary drainage review, utility coordination, and neighborhood traffic calming study.	☒ Check if project performed with current firm	
e. Ocean Park Boulevard Complete Green Street Project	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If Applicable) 2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn provided construction plans, specifications, and cost estimates to complete the design of the Ocean Park Boulevard Complete Green Street Project. Kimley-Horn designed watershed improvements to help reduce pollutants for urban runoff while also reducing the overall volume of stormwater runoff reaching Santa Monica Bay. Scope of work elements include the addition of three proposed crosswalks and overhead beacons, green bike lane and bike boxes, landscaped medians throughout the length of the project, curb extensions and bio-retention areas, permeable paving in areas not within public travelways, traffic calming measures, pork-chops and curb extensions, and pedestrian level lighting along the thoroughfare.	☒ 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 GIS Mapping and Data Analysis	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 14</td> <td>b. WITH CURRENT FIRM 12</td> </tr> </table>		a. TOTAL 14	b. WITH CURRENT FIRM 12
a. TOTAL 14	b. WITH CURRENT FIRM 12				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Urban and Regional Planning / Florida Atlantic University / 2006		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Geo Info Systems Pro / 66559 / 2012			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Has 14 years of experience years of experience as a transportation and long-range community planner, with a specialty focus in GIS, field surveying and GPS data configuration, and database development for asset management - Experience in transit planning for both local circulators and regional transit networks, involving route development and modification, Origin-Destination analysis, and facility and amenity planning					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Broward County South US 1 Bus Rapid Transit (BRT) Improvements Study, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. This project focused on Bus Rapid Transit improvements for South US 1 between Downtown Fort Lauderdale and Aventura Mall. The study developed a package of short- and medium-term implementation projects and identified long term investments to improve transit service, mobility, livability, and support economic development along the corridor. The solutions included transit infrastructure, traffic signalization, intelligent transportation systems (ITS), and complete streets to support transit-oriented development, multimodal facilities, and improved surface transportation.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Fort Lauderdale Citywide Parking Study, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2018
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. The City of Fort Lauderdale comprehensive Citywide Parking Study included evaluating parking demand, supply, parking requirements and existing utilization of the City's various parking facilities to confirm financial stability of the City's parking fund and address its short- and long-term parking needs.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Bicycle and Pedestrian (Bike/Ped) Mobility Plan, Miami Gardens, FL	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable) 2013
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn prepared a bicycle and pedestrian mobility plan for the City of Miami Gardens. The project included recommendations for short- and long-term mobility improvements based on the literature review, transportation mobility analysis, identification of goals and objects, and input from the Steering Committee. We analyzed existing transportation mobility conditions and community features in Miami Gardens through the use of geographic information systems (GIS) and prepared a series of maps that illustrate the background conditions for improving the City's bicycle and pedestrian mobility. The Kimley-Horn team used the methodologies established in the 2009 FDOT Quality/Level of Service Handbook to assess the bicycle and pedestrian level of service of the major roadways with the City and mapped the results with GIS.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) City of Miami Transportation Program Support Services, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn served as an extension of the City's staff assisting in the program management and administration of transportation and transit projects in the City's Capital Improvements Program (CIP). Kimley-Horn's responsibilities include providing oversight of projects encompassing planning, design, and construction activities.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Town of Miami Lakes Complete Streets Program, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2018
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Deputy project manager. Kimley-Horn assisted the Town of Miami Lakes in developing a Complete Streets program consistent with the Miami-Dade County Complete Street Guidelines. The plan included an analysis of all town roads, development of roadway typologies including cross sections, recommended improvements along targeted corridors and preliminary cost estimates. The plan helped coordinate the Town's efforts with their comprehensive plan, strategic plan, and the trails master plan.	☒ 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 Ravindra Wijesundera, P.E., RSP₁	13. ROLE IN THIS CONTRACT GIS Mapping and Data Analysis; Traffic Engineering Studies/Traffic Calming; Roadway and Pedestrian Lighting, Photometric Analysis	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 15</td> <td>b. WITH CURRENT FIRM 14</td> </tr> </table>		a. TOTAL 15	b. WITH CURRENT FIRM 14
a. TOTAL 15	b. WITH CURRENT FIRM 14				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science / Civil Engineering / University of Alabama / 2003 Master of Engineering / Civil Engineering / University of Moratuwa, Sri Lanka / 2001 Bachelor of Science / Civil Engineering / University of Moratuwa, Sri Lanka / 1998		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 69259 / 2009 Road Safety Professional (Level 1) / 124 / 2018			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Has 16 years of experience in traffic safety studies and multimodal studies, GIS mapping, project traffic development, travel demand model applications, traffic impact analysis, transit studies, and signal warrant analysis - Experienced in data collection and analysis, intersection analysis, intelligent transportation systems, and corridor access management studies					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
North Miami Citywide Neighborhood Traffic Calming Plan and Traffic Calming Study, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. The City of North Miami retained Kimley-Horn to develop a Citywide Neighborhood Traffic Calming Plan to reduce speeding and cut-through traffic and preserve the character and functionality of residential streets. This traffic management plan is developed to improve safety and quality of life for the City's residents. The study is being conducted in two phases. Phase 1 consists of a feasibility assessment for lowering speed limits on the residential streets from 30 mph to 25 mph. Phase 2 will include the development of traffic calming strategies for select residential streets based on the findings of Phase 1. The purpose of the traffic calming study is to assess the feasibility of lowering speed limits and the need for traffic calming measures.	☒ Check if project performed with current firm	
Fort Lauderdale General On-Call Traffic Engineering Services, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is providing general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn's role includes the review of traffic impact analyses/site plans submitted by private developers with tasks that included methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis. Work assignments also included the design of pilot complete streets projects, studies for speed limit reductions, traffic operations issues, and crosswalk warrants.	☒ Check if project performed with current firm	
Broward County South US 1 Bus Rapid Transit (BRT) Improvements Study, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. This project focused on Bus Rapid Transit improvements for South US 1 between Downtown Fort Lauderdale and Aventura Mall. The study developed a package of short- and medium-term implementation projects and identified long term investments to improve transit service, mobility, livability, and support economic development along the corridor. The solutions included transit infrastructure, traffic signalization, intelligent transportation systems (ITS), and complete streets.	☒ Check if project performed with current firm	
Districtwide Traffic Operations 3R Safety Reviews, FDOT District Four	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If Applicable) 2014
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. This contract involves a holistic approach to traffic enhancements in concert with planned roadway construction projects to improve the safety of the District's roadways. Kimley-Horn will be responsible for establishing the nature of the safety issue, deciding whether it can be corrected through an education/marketing campaign or whether it needs an engineering solution.	☒ Check if project performed with current firm	
Miami-Dade TPO General Planning Consultant (GPC I-V) Contracts	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn served as General Planning Consultant (GPC) for the Miami-Dade TPO for five consecutive contract terms. Kimley-Horn completed forty-seven work orders during the course of GPCs I-V. Work orders that have been performed under these contracts include congestion management system plan updates, multimodal corridor studies, bicycle/pedestrian plans, transit studies, transit passenger surveys, freight and goods movement analyses, and sub-area mobility plans.	☒ 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 Ian Rairden, P.E.	13. ROLE IN THIS CONTRACT Travel Demand Modeling	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 15</td> <td>b. WITH CURRENT FIRM 15</td> </tr> </table>		a. TOTAL 15	b. WITH CURRENT FIRM 15
a. TOTAL 15	b. WITH CURRENT FIRM 15				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Civil Engineering / Transportation Engineering / University of Florida / 2005 Bachelor of Science / Civil Engineering / University of Florida / 2004		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 69224 / 2009			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Has 15 years of project engineering experience - Experience with the Southeast Regional Planning Model (SERPM), Treasure Coast Regional Planning Model (TCRPM), and Northeast Regional Planning Model (NERPM) based on the Florida Standard Urban Transportation Model Structure (FSUTMS)					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
North Miami Citywide Neighborhood Traffic Calming Plan and Traffic Calming Study, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. Project engineer. The City of North Miami retained Kimley-Horn to develop a Citywide Neighborhood Traffic Calming Plan to reduce speeding and cut-through traffic and preserve the character and functionality of residential streets. This traffic management plan is developed to improve safety and quality of life for the City's residents. The study is being conducted in two phases. Phase 1 consists of a feasibility assessment for lowering speed limits on the residential streets from 30 mph to 25 mph. Phase 2 will include the development of traffic calming strategies for select residential streets based on the findings of Phase 1. The purpose of the traffic calming study is to assess the feasibility of lowering speed limits and the need for traffic calming measures.		
Districtwide Traffic Operations Safety Studies, FDOT District Four	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Project engineer. This is a work order contract that includes safety studies, safety reviews, fatal crash reviews, lighting assessments, minor designs, crosswalk warrant analysis, operational analysis, and qualitative assessments. Involved in all facets of the contract including field reviews, countermeasure development, economic analysis, documentation, stakeholder coordination, presentations, scope development, and subconsultant management.		
Districtwide Traffic Operations Studies, FDOT District Six	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Project manager. Kimley-Horn was selected by FDOT District Six for a contract focusing on the development of various traffic operations and safety studies for both intersections and arterials within the District. Task Work Orders under this contract consist of traffic operations studies including signal and left-turn phase warrant analyses, data collection, traffic signal and arterial analyses, and safety tasks including fatal crash reviews and high crash site safety studies.		
I-95 Corridorwide Planning for Operational Deficiencies, US 1 to Broward County Line, FDOT District Six	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Project engineer. Kimley-Horn is developing and evaluating improvement concepts and performing a detailed planning level operational analysis for the I-95 corridor within District Six. The analysis includes evaluation of the study interchanges, interchange influence areas, and ramp junctions, as well as post-implementation operational conditions of the 95 Express corridor improvements. The purpose of this evaluation is to identify deficiencies focusing on recurring bottlenecks and to develop a series of proposed improvements to address the existing and future demands of the corridor.		
Districtwide Traffic Safety Studies, FDOT District Two	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. Project engineer. This project includes completing studies and developing solutions to crash problems within the District on system and off system roads. Types of studies include signal warrant analyses, intersection analyses, and arterial studies.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Matt Fursetzer, P.E.	13. ROLE IN THIS CONTRACT Roadway and Pedestrian Lighting, Photometric Analysis	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 18</td> <td>b. WITH CURRENT FIRM 18</td> </tr> </table>		a. TOTAL 18	b. WITH CURRENT FIRM 18
a. TOTAL 18	b. WITH CURRENT FIRM 18				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., West Palm Beach, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering / University of Florida / 2001		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 63997 / 2006			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Has 18 years of experience in roadway design with a specialty emphasis on lighting for FDOT facilities - Proficient in AGI 32, Microstation, AutoCad, MathCad, and Visual Basic software programs					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
SR A1A Complete Streets Design, Hollywood, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn led a feasibility study to incorporate Complete Streets elements within the corridor. The concept plans included a reduction of speed, improving safety for vehicles, pedestrians, and bicyclists; wider sidewalks, buffered bicycle lanes, and designated loading zones; and improved street furniture, landscaping, and signage.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Design-Build Criteria Packages for Broward MPO Regional Complete Streets Initiatives, FDOT District Four, Broward County	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is providing professional engineering services for the development of five design-build criteria packages for the following locations in Broward County: Hammondville Road from Powerline Road to west of I-95; NW 31st Avenue from Commercial Boulevard to McNab Road; Powerline Road from Oakland Park Boulevard to Commercial Boulevard; Lauderdale Lakes Greenway from NW 31st Avenue to NW 29th Avenue; and Riverland Road from SR 7/US 441 to SR 842/Broward Boulevard.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Districtwide Traffic Operations 3R Safety Reviews, FDOT District Four	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If Applicable) 2014
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. This contract involves a holistic approach to traffic enhancements in concert with planned roadway construction projects to improve the safety of the District's roadways. The Department is looking at both infrastructure countermeasures in addition to public marketing/education campaigns. Kimley-Horn will be responsible for establishing the nature of the safety issue, deciding whether it can be corrected through an education/marketing campaign or whether it needs an engineering solution. We will then develop an implementation plan to address any deficiency.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Lighting Design Retrofit Project (Commercial Blvd.), FDOT District Four, Fort Lauderdale, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn is providing lighting design retrofit services as a subconsultant to another firm. Our responsibilities include the design and/or upgrades to 27 intersections along Commercial Boulevard in Fort Lauderdale. Services include coordination with the cities of Tamarac, Lauderdale by the Sea, and Fort Lauderdale. Our team developed construction plans for new light poles and luminaires to meet FDOT lighting level criteria.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Atlantic Boulevard Bascule Bridge Improvements including Decorative Sails and Lighting, City of Pompano Beach, FL	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable) 2019
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn served the City of Pompano Beach with CSA Architects and Burkhardt Construction to incorporate safety and aesthetic improvements to this 400-foot bascule bridge over the Intracoastal Waterway. Kimley-Horn designed a replacement traffic railing to improve safety and aesthetics, as well as an under-bridge walkway to improve pedestrian access to the water. The project involved the design and construction of enhancements to the bridge façade, tender house, traffic railings, lighting, large tensioned sails at each end of the bridge (four total) and computerized uplighting, artwork on bridge façades, land-based lighting, and a pedestrian esplanade under the bridge connecting restaurants and buildings from the south to the north. The design-build team was responsible for complete design, permitting, and coordination with FDOT. Kimley-Horn obtained all permits for the project through coordination with FDOT, USACE, USCG, FDEP, the City, and SFWMD.	☒ 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 David Taxman, P.E.	13. ROLE IN THIS CONTRACT Parking Management Consulting	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering / University of Wisconsin / 2004 Master of Arts / Real Estate / University of Illinois / 2010		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 85552 / 2018	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
- Has 15 years of experience - Certified Parksmart Advisor and have led training sessions for USGBC			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Hallandale Beach Mobility Plan Roadmap, Broward County, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	☒ Check if project performed with current firm	
Project manager. Kimley-Horn was selected to provide professional engineering consulting services for a mobility plan to prepare a roadmap of improvements addressing mobility and parking deficiencies in the City of Hallandale Beach. The growth in the City and surrounding communities has strained the ability of the transportation network to accommodate efficient movement of people and goods. Kimley-Horn is working with City staff to identify the status of transportation improvements recommended in prior studies and plans, develop a program of mobility and parking improvement, prepare cost estimates, and identify potential funding programs.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Downtown Redevelopment Plan Area Parking Study, Clearwater, FL	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable) 2019
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	☒ Check if project performed with current firm	
Project manager. David led the Kimley-Horn team in completing a comprehensive parking study of Downtown Clearwater. The project included an evaluation of current and future parking needs, identification and analysis of alternative parking supply solutions, site feasibility analysis of potential garage locations, parking operations and management improvements, and an implementation program. The study analyzed the impact of the proposed Imagine Clearwater bayfront project that would displace almost 700 spaces and the impact on parking of large Downtown events at the bayfront. The study identified how private parking resources could be activated to help support both existing and future demand. Parking improvements were suggested to support economic development, and create a more customer-friendly, efficient, and sustainable parking system.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
2700 NW 2nd Avenue, Miami-Dade County, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	☒ Check if project performed with current firm	
Project engineer. Kimley-Horn is providing professional transportation engineering services for a proposed site redevelopment. The Kimley-Horn team is conducting analyses of the proposed valet, parking, and site plan layouts, as well as providing recommendations for site plan options for valet drop-off/pick-up areas, garage access, additional parking spaces, and traffic flow.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Winter Park Parking Code and Policy Modernization, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2018
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	☒ Check if project performed with current firm	
Project engineer. Kimley-Horn is assisting with a review of existing codes and ordinances related to parking within the City, as well as a comparison of its current code to national best management practices. Our team will facilitate evaluations with selected peer communities and present proposed code changes for consideration along with updated parking requirement tables. Stakeholder coordination and Commission briefings will be utilized to promote community awareness regarding potential changes.		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
On-Street Parking Management Plan, Loudoun County, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	☒ Check if project performed with current firm	
Project engineer. Under an on-call contract, Kimley-Horn is assisting Loudoun County staff with the development of countywide on-street parking regulations. We are placing a particular emphasis on the areas surrounding the future Washington Metropolitan Area Transit Authority (WMATA) Silver Line Metrorail stations.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Brett Wood, P.E., CAPP	13. ROLE IN THIS CONTRACT Parking Management Consulting	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 15

15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Charleston, NC

16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science / Civil Engineering / University of Alabama / 2004 Bachelor of Science / Civil Engineering / University of Alabama / 2002	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) AZ / Professional Engineer / 52197 / 1900
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Has 14 years of parking and transportation planning experience in parking management, parking demand management, parking strategic planning, parking organization, curb lane management, transportation planning, and community planning - has worked in more than 30 communities throughout the country helping them to develop parking planning strategies, access management principles, and community-based planning decisions
--

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a. (1) TITLE AND LOCATION (City and State) Fort Lauderdale Citywide Parking Study, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2018
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. The City of Fort Lauderdale comprehensive Citywide Parking Study included evaluating parking demand, supply, parking requirements and existing utilization of the City's various parking facilities to confirm financial stability of the City's parking fund and address its short- and long-term parking needs.	[X] Check if project performed with current firm	
b. (1) TITLE AND LOCATION (City and State) City of Miami Variable Parking Pricing Study, FL	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If Applicable) 2014
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn assisted the City of Miami with an assessment of parking pricing and a variable pricing scheme within the Downtown Central Business District. The study included collection of utilization data for on-street parking spaces within the district, using Kimley-Horn's License Plate Recognition equipment. The project used that data, as well as historic information, to define parking pricing schemes that are reflective of demand within the district. The result of the was an implementation plan for the proposed variable pricing program, including proposed pilot studies, pricing schemes, policy changes, and technology needs.	[X] Check if project performed with current firm	
c. (1) TITLE AND LOCATION (City and State) 415 and 425 NE 4th Street Parking Feasibility Study, Boynton Beach, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2017
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn was retained by the Boynton Beach Community Redevelopment Agency (CRA) in February 2015 to provide parking consulting services for a proposed parking garage to be located at 415 and 425 NE 4th Street in Boynton Beach. The proposed project site is bound by NE 4th Avenue to the north, NE 4th Street to the east (adjacent to Veterans Park), Boynton Beach Boulevard to the south, and FEC rail to the west. Kimley-Horn scope of work consisted of site research, functional alternatives, and order of magnitude cost estimates.	[X] Check if project performed with current firm	
d. (1) TITLE AND LOCATION (City and State) City of Lakeland Parking Management Study	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn was selected by the City of Lakeland to create a plan focused on the assessment of the existing parking supply and demand within downtown Lakeland during the mid-day peak hour to identify potential opportunities for redevelopment or repurposing of existing land uses to accommodate parking demand needs for future development. Land use and parking buildout scenarios were mapped and tested using the Kimley-Horn developed GIS based Park+ software. Parking enforcement procedures and best management practices were also reviewed and incorporated into the implementation plan.	[X] Check if project performed with current firm	
e. (1) TITLE AND LOCATION (City and State) Downtown Core Parking Demand and Utilization Study, Delray Beach, FL	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2017
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn was retained by the Delray Beach Community Redevelopment Agency to conduct an analysis of the parking demand utilization during peak and off-peak season for the Downtown area in Delray Beach in order to determine the potential need for an additional parking garage. The study area included eight off-street parking facilities and seven on-street block faces along Atlantic Avenue.	[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 Stefano Viola, P.E.	13. ROLE IN THIS CONTRACT Civil Engineering; Hydrology and Hydraulic	14. YEARS EXPERIENCE a. TOTAL 13 b. WITH CURRENT FIRM 13	
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering / Florida International University / 2007		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 74655 / 2012	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - More than 13 years of engineering experience, including roadway restoration/resurfacing, drainage modeling, water/wastewater utility design, stormwater master planning, preparation of engineering drawings, permitting, and site/plan preparation and review - Experience with AutoCAD, WaterCAD, StormCAD, and Cascade			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Fort Lauderdale General On-Call Traffic Engineering Services, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is providing general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn's role includes the review of traffic impact analyses/site plans submitted by private developers with tasks that included methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis. Work assignments also included the design of pilot complete streets projects, studies for speed limit reductions, traffic operations issues, and crosswalk warrants.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) City of Hollywood Continuing Services Contract for Utilities and Infrastructure, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn has been serving the City of Hollywood since 2011 on a variety of utility and infrastructure projects including: South Park Road 16-inch Force Main Upgrade; Water Main Replacement Program 11-5110 – Hollywood Blvd. to Pembroke Road, I-95 to S. 26th Avenue; Water Main Replacement Program 12-5114 – Hollywood Blvd. to Pembroke Road, S. 26th Avenue to S. Dixie Highway; and 6-inch to 16-inch Water Main Replacement Program 14-5122 – Hollywood Blvd. to Moffett Street, U.S.1 to Intracoastal Waterway (Phase III). Kimley-Horn's services include design and preparation of construction documents, regulatory assistance, assistance with bid and award of the construction contract, and construction administration services.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Bicycle Lane Addition on NW 64th Avenue from Sunset Strip to Oakland Park Boulevard, Sunrise, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable) 2019
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. The City retained Kimley-Horn for design services for landscape, lighting, drainage, pedestrian and bicycle enhancements. This includes developing schematic design, design development, permitting, and construction documents. Additionally, Kimley-Horn environmental scientists will review natural, social, and physical resource data in the area and complete a Type 1 and Programmatic Categorical Exclusion (CE) checklist.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) SW 67th Avenue Design, Broward County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2018
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. The Town of Davie's SW 67th Avenue project serves an extension of the Town's existing roadway from NW 41st Court south to Orange Drive. The expansion provides approximately 1,400 linear feet of a new 2-lane roadway that includes roadway swales and exfiltration trench for drainage. Along with the roadway and drainage improvements, the project includes an 8-foot-wide sidewalk addition to improve pedestrian and equestrian traffic through the Town.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Miami Beach Light Rail/Modern Streetcar P3 Program Management	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2017
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Miami Beach Streetcar is a 3.5 to 4 mile double-tracked light rail transit (LRT) or modern streetcar system circulating through the Art Deco District of Miami Beach, and providing connectivity between South Beach hotels and the Miami Beach Convention Center. Kimley-Horn served as the prime consultant overseeing the project through project development, conceptual engineering, environmental impact analysis, and procurement of a P3 developer that would design, build, operate, maintain, and finance the project.	☒ 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 Carlos Florian, P.E.	13. ROLE IN THIS CONTRACT Civil Engineering	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 8</td> <td>b. WITH CURRENT FIRM 5</td> </tr> </table>		a. TOTAL 8	b. WITH CURRENT FIRM 5
a. TOTAL 8	b. WITH CURRENT FIRM 5				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering / Florida International University / 2011		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 80500 / 2016			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Project engineer with more than eight years of on-site construction inspections experience in paving and grading, underground pipe installations, stormwater erosion and sedimentation control, and sanitary sewer lift stations Managed, updated, and successfully met design and permitting schedules with critical timeframes					

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	SE 17th Street and N Federal Highway, Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	Ongoing		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project engineer. Kimley-Horn is providing professional engineering services for this mixed-use project that is proposed to include 242 residential units and approximately 37,000 square feet of retail space. Kimley-Horn's responsibilities include site plan approval, site plan and plat amendment assistance, and preliminary civil engineering drawings.		
b.	SW 67th Avenue Design, Town of Davie, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	2018		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project engineer for an extension of the Town's existing roadway from NW 41st Court south to Orange Drive. The expansion provided approximately 1,400 linear feet of a new 2-lane roadway that included roadway swales and exfiltration trench for drainage. Along with the roadway and drainage improvements, the project included an 8-foot-wide sidewalk addition to improve pedestrian and equestrian traffic through the Town. Once completed the project will provide additional access to the area schools and help alleviate the traffic on Davie Road extension.		
c.	Palmetto Bay General Consulting Services, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	2015	2015	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project engineer. Kimley-Horn is currently working with the Village of Palmetto Bay as a general consultant to provide all types of engineering such as planning, general civil engineering, and transportation. We are also developing a comprehensive plan as a foundation and framework for the new municipality. The Village has looked to Kimley-Horn to develop a stormwater master plan and associated stormwater management plan to implement a stormwater utility and obtain ownership of the infrastructure. The stormwater master plan requires extensive research of the community's roadways, utilities, and drainage patterns to understand the condition of the infrastructure and stormwater management needs.		
d.	Fort Lauderdale Executive Airport (FXE) Master Drainage/Conceptual Environmental Resources Permit (ERP), FL	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	Ongoing		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project engineer. The purpose of the ERP is to conceptually approve the design concepts of a phased development mast plan for a surface water management system, so long as the general guidelines set forth in the ERP are upheld. The scope includes pre-design services, existing utility coordination, stormwater modeling, schematic plans, conceptual design permit plans, and permitting.		
e.	Westside Blueway Trail Phase II, Miami Gardens, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	Ongoing		
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project engineer. Kimley-Horn performed all the necessary planning and design services associated with the development of the Westside Blueway Trail, inclusive of the site amenities and furnishings and FDOT local agency program (LAP) funding coordination. The firm provided full construction documents and specifications as required for the bidding, construction observations, and administration of the project.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Matthew Brosman, P.E., CFM	13. ROLE IN THIS CONTRACT Hydrology and Hydraulic	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 6

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

16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Civil Engineering / University of Florida, Gainesville / 2013	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 85460 / 2018
--	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Has six years of experience in hydrologic and hydraulic modeling, bridge and culvert hydraulic design, and stormwater master planning - Modeling experience with ICPR, XPSWMM, HEC-RAS, HEC-HMS and EPASWMM

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Arcadia Watershed Management Plan, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer on the project team that is providing a hydrologic and hydraulic evaluation of current and proposed conditions associated with the City of Arcadia's existing stormwater management system. The project will establish existing flood stages, establish Flood Protection Level of Service (FPLOS), identify cost-effective drainage improvements through the simulation of various storm events, and estimate resulting floodwater depths. The project will also analyze the City of Arcadia's TMDL's by creating a Pollutant Loading Estimate Simulation that will estimate annual pollutant loading for specific areas based on the event mean concentrations of certain pollutants, annual rainfall depth, and land use. Matt assisted with model calibration based on NEXRAD data and surveyed high water marks from Hurricane Irma. He used GIS to develop an intuitive spatial representation of calibration efforts, which the team used to troubleshoot the calibration process with.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Business Case Analysis for the City of Miami Beach Stormwater Resiliency Program Pilot Project, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is leading an integrated flood modeling task as a subconsultant to another firm. The purpose of the task is to assess four design storm events that represent a combination of rainfall, sea level rise, storm surge, and tide stage scenarios under no-build, public investment, and private investment scenarios. The resulting flood depths for the 12 scenarios will be mapped out by Kimley-Horn and provided to the City.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Pinellas County Lealman Regional Stormwater Facility, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley has been providing professional services for the development of a regional stormwater facility within the Lealman Community Redevelopment Area (CRA). The project involves the development of screening criteria to facilitate the siting of the facilities, determine pollutant loads, refine the watershed model to simulate and test flood management strategies, and establish a credit system. Public involvement is also part of the scope.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Boynton Beach Town Square Redevelopment and Infrastructure Improvements, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn is responsible for civil engineering design as it relates to stormwater infrastructure and utility improvements, along with miscellaneous consulting services on an as needed basis.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Boynton Beach Fire Station #1, Boynton Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn was retained by a local construction company to provide professional services for the proposed Fire Station generally located at the SE corner of Boynton Beach Boulevard and NE 1st Avenue, south of the existing funeral home in Boynton Beach. Services include Conceptual Documents for 15%, 30%, and 75% design plans, including utilities, permitting requirements, stormwater calculations, MEP requirements, master site plan, elevations and floor plans, and preliminary cost estimate. Landscape architectural services include defining the scope of plantings, irrigation, hardscape and site lighting, which shall be developed and coordinated in the execution of design and construction services.	☒ 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 Juan Fuentes, P.E., S.I.	13. ROLE IN THIS CONTRACT Structural Engineering	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 1</td> <td>b. WITH CURRENT FIRM 1</td> </tr> </table>		a. TOTAL 1	b. WITH CURRENT FIRM 1
a. TOTAL 1	b. WITH CURRENT FIRM 1				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Coral Gables, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Architectural and Civil Engineering / University of Miami / 1999		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Spec Inspect Thresh Bldg / 62426 / 2016 FL / Professional Engineer / 62426 / 2019			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Has more than twenty years of structural engineering experience - Has experience with a variety of rehabilitation project types including spalling repairs, carbon fiber strengthening, and post-tension strengthening/repairs					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Structural Design Services for the Miccosukee Service Plaza, Broward County, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn was selected to provide structural design services for Miccosukee Service Plaza. Our scope of services includes construction documents phase services; permitting and bidding phase services; and limited construction phase service.	Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) City of Sunny Isles Beach Continuing Structural Services Contract, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2010	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager for the structural assignments of the continuing services contract. This contract intends to implement the City's comprehensive plan.	CONSTRUCTION (If Applicable) 2010 Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Open Road Tolling Design Build, Miami-Dade County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Structural Engineer of Record for new \$18M landmark tolling structures for SR 924, 878, and 874. The project included 8 new structures with varying multiple spans of 80'-0" to a single span of 160'-0". Innovative concepts were used to reduce cost of each gantry. Special attention and detailing was required to meet roadway clearances, vibration, and deflection guidelines of the system operator. The project also included support structures and repaving of existing highways.	CONSTRUCTION (If Applicable) 2011 Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Geiger Creek Bridge Repair Design-Build Project, Monroe County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2010	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Structural Engineer for repairs to a reinforced concrete bridge located on Boca Chica Road at approximately Mile Marker 11 in the Lower Keys. Repairs included concrete spall and steel reinforcement repairs to the superstructure and substructure as well as bridge joints. Responsibilities included assessment of the repairs, contract documents, and post design services in full compliance with federal, state, and local requirements including FDOT LAP and ARRA funding. Unique aspects of the project included enhanced Maintenance of Traffic considerations, permitting due to the environmentally sensitive area, and an innovative "Design Partnership" with the University of Miami.	CONSTRUCTION (If Applicable) 2010 Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Structural Design Services for the Miccosukee Service Plaza, Broward County, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Structural engineer. Kimley-Horn was selected to provide structural design services for the Miccosukee Service Plaza. The project consists of a gas station canopy and single-story retail building. The project will utilize open web joist, load bearing masonry, and shallow foundations. Our scope of services includes construction documents phase services, permitting and bidding phase services, and limited construction phase services.	CONSTRUCTION (If Applicable) 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 Anthony Bevilacqua, P.E.	13. ROLE IN THIS CONTRACT Structural Engineering	14. YEARS EXPERIENCE	
		a. TOTAL 23	b. WITH CURRENT FIRM 20
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., West Palm Beach, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Engineering / Structural Engineering / University of Florida / 1999 Bachelor of Science / Civil Engineering / Florida State University / 1997		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Engineer / 59262 / 2003	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Has 20 years of experience with bridge design, construction, and scour analysis			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	Pedestrian Bridge Design and Roadway Improvements (NW 175th Street and NW 42nd Avenue), Miami-Dade County, FL	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project engineer. Kimley-Horn was selected by the City for the design and construction of a new pedestrian bridge. The purpose of this project was to provide pedestrian access along the north side of NW 175th Street and NW 173rd Drive—across a Miami-Dade County canal—between NW 42nd Avenue and NW 42nd Court. The current bridge is two lanes with a raised pedestrian sidewalk along the north side. Services our team provided included intersection improvements, signing/pavement markings, sidewalk and ADA improvements, signal modifications, and structural engineering, including bridge evaluation, rehabilitation, design, permitting, and coordination with FDOT to comply with Local Agency Program (LAP) funding.		
b.	Design-Build Criteria Packages for I-95 Interchange Improvements at Donald Ross Road, Woolbright Road, 10th Avenue North, and Hypoluxo Road, FDOT District Four	2015	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project engineer. Kimley-Horn provided professional engineering services for the development of design-build criteria packages for four interchanges in Palm Beach County as a subconsultant to another firm. Services included roadway and structural contract plans, and design variations/exceptions for horizontal and vertical clearances to the railroad tracks at each interchange. Kimley-Horn also provided shop drawing reviews of MSE walls, overhead signs, signal equipment, lighting equipment, and drainage facilities.		
c.	Lyons Road from Clint Moore Road to Atlantic Avenue, Boca Raton, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm QA/QC reviewer. As a subconsultant to another firm, Kimley-Horn is providing structural design services for a new Lyons Road bridge over the Lake Worth Drainage District (LWDD) L-38 Canal adjacent to the existing bridge. Careful attention needs to be maintained when working adjacent to existing large underground utilities and overhead electric lines that may interfere with bridge pile driving. Kimley-Horn is coordinating closely with LWDD for the design of the new bridge and consideration of canal access.		
d.	Metro Transit, Blue Line Light Rail Transit Extension, Hennepin County, MN	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project engineer. Kimley-Horn is leading the preliminary engineering, final design, and construction phase services for this 13-mile light rail transit corridor. This project builds off of the alternative's analysis and draft environmental impact statement, which Kimley-Horn also contributed to. As the prime consultant, Kimley-Horn is leading overall project management, civil engineering, traffic engineering, and architectural design. Additionally, the firm is supporting structural engineering, LRT track design, freight rail coordination, public involvement, new starts, value engineering, and constructability.		
e.	Old Dixie Highway, Yamato Road to Linton Boulevard, Boca Raton, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm QA/QC reviewer. As a subconsultant to another firm, Kimley-Horn provided structural design and signalization services for the construction of a new three-lane urban roadway section from Yamato Road to Linton Boulevard. The project scope included the design, permitting, and construction plans for 3.5 miles of Old Dixie Highway from north of Yamato Road to north of Linton Blvd.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME David Goldman, P.G.	13. ROLE IN THIS CONTRACT Environmental Services	14. YEARS EXPERIENCE	
		a. TOTAL 31	b. WITH CURRENT FIRM 20

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

16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science / Geology / University of Florida / 1989 Bachelor of Science / Geology / University of Florida / 1985	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Professional Geologist / PG1573 / 1993
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Has 31 years of experience in conducting and managing remediation projects involving Brownfield sites, hazardous waste, industrial waste, and petroleum contamination; water resource development; permitting; groundwater modeling; and aquifer storage and recovery (ASR)
--

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a. (1) TITLE AND LOCATION (City and State) Miami Beach Light Rail/Modern Streetcar P3 Program Management, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Team Member. Miami Beach Streetcar is a double-tracked light rail transit (LRT) or modern streetcar system circulating through the Art Deco District of Miami Beach, and providing connectivity between South Beach hotels and the Miami Beach Convention Center. Kimley-Horn served as the prime consultant overseeing the project through project development, conceptual engineering, environmental impact analysis, and procurement of a P3 developer that would design, build, operate, maintain, and finance.	2017	2017
b. (1) TITLE AND LOCATION (City and State) Metro Transit, Blue Line Light Rail Transit Extension, Hennepin County, MN (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Team member. Kimley-Horn is leading the preliminary engineering, final design, and construction phase services for this 13-mile light rail transit corridor. This project builds off of the alternative's analysis and draft environmental impact statement, which Kimley-Horn also contributed to. As the prime consultant, Kimley-Horn is leading overall project management, civil engineering, traffic engineering, and architectural design. Additionally, the firm is supporting structural engineering, LRT track design, freight rail coordination, public involvement, new starts, value engineering, and constructability.	Ongoing	
c. (1) TITLE AND LOCATION (City and State) Resorts World Miami, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Member of the Kimley-Horn team that is providing site/civil engineering, environmental, and ongoing traffic engineering services for the 14-acre bayfront site that previously housed the Miami Herald newspaper at 1 Herald Plaza in Miami. The resort will help develop the three-mile BayWalk, which highlights a 150-acre leisure and entertainment area in downtown Miami. Team tasks include due diligence, parking studies, underground utility design, preparation of a Special Area Plan (SAP) traffic study consistent with City of Miami 21 Zoning Code, environmental site assessment and potential remediation planning, including contaminant delineation, water quality evaluation, and quarterly groundwater monitoring.		
d. (1) TITLE AND LOCATION (City and State) Continuing Transportation Engineering Services, Leesburg Leesburg, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Team member. Kimley-Horn has provided transportation engineering services to the City of Leesburg under two consecutive continuing services contracts. To date, we have provided numerous studies and designs, including intersection safety evaluations, access evaluations, signal retiming evaluations and implementation, traffic forecasts, signal warrant analyses, four-way stop sign evaluations, intersection capacity evaluations, designing signal upgrades, and designing the signing and pavement markings for the Canal Street Trail. We have also assisted the City in developing its Transportation Improvements Program and updating its concurrency management system.	2013	2013
e. (1) TITLE AND LOCATION (City and State) South Florida Regional Transportation Authority, SFRTA Parcels 104-105, Miami-Dade County, FL (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Team member. Kimley-Horn provided professional services for the cleanup of a chlorinated solvent plume for the South Florida Regional Transit Authority in Hialeah, Florida. Assisted with the preparation of the Remedial Action Plan and oversaw the injection of media to remediate the solvent plume. The first sampling event to evaluate the effectiveness of the injected material was conducted and evaluated.	2018	2018

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Sarah Johnson	13. ROLE IN THIS CONTRACT Environmental Services	14. YEARS EXPERIENCE a. TOTAL 15 b. WITH CURRENT FIRM 1	
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Tampa, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science / Zoology / University of Oklahoma / 2004 Bachelor of Science / Zoology / Ohio Wesleyan University / 2000		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) - Has 15 years of experience in managing and conducting biological assessments, GIS, photointerpretation, and related studies - Experienced in environmental assessment, mitigation plans, project management, wetland and protected species surveys, NEPA documentation and permitting			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Tampa Streetcar Extension and Modernization Feasibility Study and Project Development, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental scientist. The City of Tampa contracted Kimley-Horn to conduct a feasibility study to examine the potential extension of the Tampa Historic Streetcar. The study focuses on improving ridership on the streetcar, operations, cost effectiveness, and quality of service. Additional project support has included examining ridership origins and destinations within the City of Tampa for route development.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Tampa Bay Passenger Ferry, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental scientist. Kimley-Horn is providing design, planning, engineering, and survey services for additional feasibility analysis of the Tampa Bay Passenger Ferry project that includes developing preliminary site and business plans for at least two options for the South County Terminal location. Kimley-Horn is evaluating the site circulation and vehicular access requirements for the ferry passengers at the South County and MacDill Air Force Base (AFB) ferry terminals. Additionally, the team is conducting general site analysis of the proposed properties to review overall site performance—both land side and sea side—to facilitate the program, mobility options, regional network, destination access alternatives natural amenities and impacts.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) SR 659 (Combee Road) PD&E Study from US 98 to Skyview Drive, FDOT District One	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental scientist. Kimley-Horn is performing a PD&E study to prepare design alternatives for the corridor that accommodate pedestrians and bicycles, improve transit facilities, and optimize vehicle access. The study team will analyze and assess the project's impact on the social, economic, cultural, natural, and physical environment to develop the location and design concept acceptance (LDCA) of the project in accordance with FDOT policy, procedures, and requirements.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Poinciana Parkway Extension/I-4 Connector, Orange/Osceola and Polk Counties, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2018
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental scientist. Kimley-Horn conducted a Concept, Feasibility and Mobility Study for this planned expressway which widens the existing Poinciana Parkway and extends it to I-4. Existing environmental and physical constraints were identified, which included mitigation banks, cemeteries and extensive utilities. Alternative alignments were developed to minimize impacts and these alternatives are currently being evaluated.	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Apollo Beach Boulevard Extension/I-75 Flyover, Hillsborough County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental scientist. Kimley-Horn is designing the extension of Apollo Beach Boulevard from US 41 to Paseo al Mar Boulevard that will result in a 4-lane facility including the bridge over I-75. This work effort includes alignment and traffic studies; surveying; geotechnical exploration, testing, and analysis; preparing engineering reports with right-of-way maps and environmental documentation incorporating roadway, stormwater detention, and wetland mitigation requirements; permitting requirements; and determination of right-of-way requirements.	[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 Jonathan Haigh, PLA, ASLA	13. ROLE IN THIS CONTRACT Landscape Architecture/Arborist	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 15
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., West Palm Beach, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Landscape Architecture / Landscape Architecture / University of Arkansas / 1995		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Prof Landscape Architect / 6666795 / 2005	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			
- Has 24 years of experience as a practicing professional landscape architect - Skilled designer with streetscape and roadway-related project experience throughout the South Florida for various municipalities, FDOT, and Florida's Turnpike Enterprise.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	SR A1A Complete Streets Design, Hollywood, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape architect. Kimley-Horn led a feasibility study to incorporate Complete Streets elements within the corridor. The concept plans included a reduction of speed, improving safety for vehicles, pedestrians, and bicyclists; wider sidewalks, buffered bicycle lanes, and designated loading zones; and improved street furniture, landscaping, and signage.	☒ Check if project performed with current firm	
b.	SR A1A Streetscape Improvements, Fort Lauderdale, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape architect. Kimley-Horn is providing full civil engineering services for the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants, and is responsible for providing the civil engineering, permitting, coordination, and other services for the complete project.	☒ Check if project performed with current firm	
c.	Hollywood US 1 Corridor Study, FL	2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn was selected to design a new cross section for a portion of US 1 that would allow for wider medians, improved sidewalk plantings, and extended medians to control access and improve safety through the corridor. In order to accomplish the City's goals for the corridor, Kimley-Horn worked with FDOT to designate this section of the road under their Transportation Design for Livable Communities (TDLC) program.	☒ Check if project performed with current firm	
d.	Mowry Drive Roadway Improvements, City of Homestead, FL	2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape architect. Kimley-Horn was selected for the new construction and widening of Mowry Drive (SW 320th Street) from SW 157 Avenue to SW 152 Avenue. The existing roadway consisted of a one-lane paved road and was proposed to be converted to a four-lane divided urban section with bike lanes on both sides. The project included design and preparation of roadway, drainage, signing and marking, lighting, water main extension, landscaping, and irrigation plans. As part of the project, environmental and drainage permits were obtained from SFWMD, RER, and USACE.	☒ Check if project performed with current firm	
e.	Fern Street Streetscape and Complete Streets Design, West Palm Beach, FL	2018	2018
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager and landscape architect. Kimley-Horn provided civil engineering and landscape architectural design services for this project, which featured complete street pedestrian and bicycle enhancements within portions of the Fern Street corridor between Tamarind Avenue and Flagler Drive in Downtown West Palm Beach. The design program included curbside bioswale planters, pedestrian-level lighting, replacement of portions of existing sidewalk to remediate pedestrian hazards, restriping of the roadway to better organize parking and add a combination of dedicated bike lane and shared-use bicycle markings (sharrows), and decorative crosswalks.	☒ 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 Christopher Cianfagione, PLA, ASLA	13. ROLE IN THIS CONTRACT Landscape Architecture/Arborist	14. YEARS EXPERIENCE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. TOTAL 11</td> <td style="width: 50%;">b. WITH CURRENT FIRM 9</td> </tr> </table>		a. TOTAL 11	b. WITH CURRENT FIRM 9
a. TOTAL 11	b. WITH CURRENT FIRM 9				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Sarasota, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Landscape Architecture / Landscape Architecture / University of Florida / 2010		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) NAT / ISA Certified Arborist / FL-6527A / 2013 FL / Prof Landscape Architect / 6667207 / 2014			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ▪ Landscape architect with 11 years of experience ▪ Has knowledge of design that protects and enhances natural features and habitats, incorporating them into the overall design, while respecting new urbanism design and development practices					

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	SR A1A Complete Streets Design, Hollywood, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape architect. Kimley-Horn led a feasibility study to incorporate Complete Streets elements within the corridor. The concept plans included a reduction of speed, improving safety for vehicles, pedestrians, and bicyclists; wider sidewalks, buffered bicycle lanes, and designated loading zones; and improved street furniture, landscaping, and signage.	☒ Check if project performed with current firm	
b.	Miramar Parkway Streetscape from SW 64th Avenue to SW 68th Avenue, Broward County, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape architect. Kimley-Horn provided professional engineering and landscape architecture services for this FDOT LAP funded project. Project improvements include bicycle lanes, drainage modifications, landscaping, lighting, hardscaping, driveway apron regrading, sidewalk replacement, ADA improvements at the intersections, and a mid-block pedestrian crossing/emergency signal modification.	☒ Check if project performed with current firm	
c.	Districtwide On-Call Landscape Design Services, FDOT District Five	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape architect. Kimley-Horn was recently selected for the Florida Department of Transportation District 5 On-Call Landscape Design Services contract. The Department's goal is to achieve a high visual impact landscape with a distinctive sense of place along the I-95 corridor while maintaining reasonable design, construction and maintenance costs. Services also include associated traffic control plans, permitting, drainage analyses, and any required coordination with outdoor advertising facilities within the corridor.	☐ Check if project performed with current firm	
d.	SR A1A Multimodal Improvement Corridor Planning and Engineering Analysis, FDOT District Five	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape architect. Kimley-Horn was selected to provide transportation planning services for improvements to the SR A1A corridor from SR 404 to SR 528 in Brevard County. Our context-sensitive approach to this study includes the following elements: stakeholder and public involvement, planning, engineering, and documentation. The local vision for the SR A1A corridor is to provide an aesthetically-pleasing multimodal route that is consistent with the surrounding context to serve visitors, residents, merchants, and commuters, while supporting the economic prosperity of the communities in which it is located. Improvements included sidewalks, median applications and traffic separators, analysis of mid-block crosswalks, analysis of transit routes and facilities, wayfinding for multiple communities, underground utilities, conceptual landscaping improvements, and technology applications.	☐ Check if project performed with current firm	
e.	Bradenton Downtown Development Authority Riverwalk, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape architect. Kimley-Horn completed the master planning process for the 1.25-mile-long riverfront area in Bradenton known as the Riverwalk. Project services included master planning, civil and landscape architecture construction documents, grants/funding analysis, design development, stakeholder coordination, permitting, and construction phase services. The project has also included the facilitation of an extensive public involvement program to identify opportunities for enhancement to the existing Riverwalk, as well as features that would attract users to the waterfront (public art, Florida history garden, skate park, amphitheater, active/passive recreation, playgrounds, and interpretive/historical signage) and completion of the unanimously-adopted master plan.	☐ Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Kumar Vedula, P.E.	13. ROLE IN THIS CONTRACT Geotechnical Engineering Services (Testing and Inspection)	14. YEARS EXPERIENCE <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">a. TOTAL 24</td> <td style="width: 50%; border: none;">b. WITH CURRENT FIRM 14</td> </tr> </table>		a. TOTAL 24	b. WITH CURRENT FIRM 14
a. TOTAL 24	b. WITH CURRENT FIRM 14				
15. FIRM NAME AND LOCATION (City and State) TSF, West Palm Beach, Florida					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Engineering, Andhra University, India, 1992 MS Civil Engineering, University of Memphis, 1995		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Florida No. 54873			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers, Past President <i>Augered Cast-in-Place and Driven Pre-stressed Concrete Pile Field Performance Comparison</i> , Frizzi, R. P. & Vedula, R.V, Published in FHWA Resource Center, 83 rd Annual Transportation Research Board Meeting, Washington D.C., January 2004 <i>Improvement of soft clay using high pressure Jet Grout</i> , Chang, T.S., Vedula, R. V., and Chang, K.P., 4 th International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics, San Diego, March 2001					

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State) BCWWS # 104538 Davis Isles New Sewer and Water Main Replacement, Fort Lauderdale, Florida.	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES 2018</td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)				
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Mr. Vedula was the Principal Engineer for the Geotechnical Engineering Study for this project which includes 3,000' feet of 8" gravity sewer main, one retail lift station, less than 100' of 6" force main to serve approximately 80 homes on SW 37th Avenue, SW 38th Avenue, SW 47th Court and SW 38th Terrace north of Griffin Road in Fort Lauderdale. Provided a geotechnical engineering report including geotechnical evaluations and recommendations regarding Site Preparation; Foundation design and construction; Excavations; Trench Backfill; Lateral Earth Pressures; and Preconstruction Conditions Survey. Completed on time and within budget.				
	(1) TITLE AND LOCATION (City and State) SR 838/Sunrise Boulevard at NW 15th Avenue, NE 5th Terrace, N. Flagler Drive, Broward County, Florida	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES 2017</td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)				
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Mr. Vedula was the Principal Engineer of the geotechnical engineering services for the safety improvement project that included providing additional roadway lighting and some signalization improvements at the intersections of SR 838/Sunrise Boulevard at NW 15th Avenue, NE 5th Terrace, and N. Flagler Drive in Fort Lauderdale. Provided Geotechnical engineering evaluations and recommendations regarding Design for Light Poles Embedment and Foundation Construction. Completed on time and within budget.				
	(1) TITLE AND LOCATION (City and State) Marina Mile (SR 84) at SW 15th Avenue, Broward County, Florida	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES 2016</td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)				
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Mr. Vedula was the Principal Engineer of the geotechnical engineering services for the safety improvement project at the intersection of Marina Mile Boulevard (SR 84) and SW 15 th Avenue in Broward County. The improvements included the installation of a mast arm structure, and roadway widening in the general intersection areas. Provided geotechnical evaluations and recommendations regarding foundation design and drilled shaft construction. Completed on time and within budget.				
	(1) TITLE AND LOCATION (City and State) Parking Lot at NE 34th Street Oakland Park, Florida	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES 2017</td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)				
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Mr. Vedula was the Principal Engineer of the geotechnical exploration for the Parking Lot at an existing vacant lot at the intersection NE 34th St. and Dixie Highway. Field work included SPT borings and BHP tests. Provided a geotechnical engineering report briefly outlining the testing procedures, presents available project information, describes the site and subsurface conditions, and presents recommendations regarding pavement subgrade design and general site development. Completed on time and within budget.				
	(1) TITLE AND LOCATION (City and State) Sheridan Street and Dykes Road Intersection Improvements, Broward County, Florida	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES 2017</td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)				
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Mr. Vedula was the Principal Geotechnical Engineer for the geotechnical engineering services for the intersection improvement project at the intersection of Sheridan Street and Dykes Road in Broward County. Provided a geotechnical Service Report and provided geotechnical recommendations regarding pavement design, and foundation design and drilled shaft construction recommendations for mast arms. Completed on time and within budget.				

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Raj Krishnasamy, P.E.	13. ROLE IN THIS CONTRACT Geotechnical Engineering Services (Testing and Inspection)	14. YEARS EXPERIENCE <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">a. TOTAL 33</td> <td style="width: 50%; text-align: center;">b. WITH CURRENT FIRM 20</td> </tr> </table>		a. TOTAL 33	b. WITH CURRENT FIRM 20
a. TOTAL 33	b. WITH CURRENT FIRM 20				
15. FIRM NAME AND LOCATION (City and State) TSF, West Palm Beach, Florida					
16. EDUCATION (DEGREE AND SPECIALIZATION) BS Civil Engineering, Christian Brothers University, 1987 MS Civil Engineering, University of Memphis, 1996		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Florida No. 53567			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Highway Engineers, Past President, Florida Engineering Society, Past Treasurer Geotechnical Material Engineering Council, Past Chairman					

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State) SR 838/Sunrise Boulevard at NW 15th Avenue, NE 5th Terrace, N. Flagler Drive, Broward County, Florida	(2) YEAR COMPLETED <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">PROFESSIONAL SERVICES 2017</td> <td style="width: 50%; text-align: center;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)				
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Mr. Krishnasamy was the principal in charge of the geotechnical engineering services for the safety improvement project that included providing additional roadway lighting and some signalization improvements at the intersections of SR 838/Sunrise Boulevard at NW 15th Avenue, NE 5th Terrace, and N. Flagler Drive in Fort Lauderdale. Provided Geotechnical engineering evaluations and recommendations regarding Design for Light Poles Embedment and Foundation Construction. Completed on time and within budget.				
	(1) TITLE AND LOCATION (City and State) I-75 Express Lanes Segment D from South of Sheridan Street to North of Griffin Road, Broward County, Florida	(2) YEAR COMPLETED <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">PROFESSIONAL SERVICES 2017</td> <td style="width: 50%; text-align: center;">CONSTRUCTION (If applicable) 2018</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018				
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Mr. Krishnasamy was the principal in charge of the QA/QC concrete and earthwork testing, pile driving inspections and auger cast pile inspections for sound walls during the design and construction of Segment D of the I-75 Express Lanes Project which extends from approximately 4,000 feet south of Sheridan Street at milepost 4.645 to approximately 800 feet north of the South Florida Water Management District (SFWMD) C-11 Canal Bridge (north of Griffin Road) at milepost 8.344 in Broward County, for a total distance of approximately 3.7 miles. Completed on time and within budget.				
	(1) TITLE AND LOCATION (City and State) SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida	(2) YEAR COMPLETED <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">PROFESSIONAL SERVICES 2017</td> <td style="width: 50%; text-align: center;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)				
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Mr. Krishnasamy was the principal in charge of the geotechnical engineering services for several roadway improvements under consideration on Flamingo Road, Pines Boulevard and Hollywood Boulevard in Broward County. Provided geotechnical recommendations regarding general site development, permanent cut and fill slopes, excavations, groundwater control, pavement design, on-site soil suitability, Permanent Sheet Pile Wall, Light Pole installation, and construction considerations. Completed on time and within budget.				
	(1) TITLE AND LOCATION (City and State) Parking Lot at NE 34th Street Oakland Park, Florida.	(2) YEAR COMPLETED <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">PROFESSIONAL SERVICES 2017</td> <td style="width: 50%; text-align: center;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)				
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Mr. Krishnasamy was the principal in charge of the geotechnical exploration for the Parking Lot at an existing vacant lot at the intersection NE 34th St. and Dixie Highway. Field work included SPT borings and BHP tests. Provided a geotechnical engineering report briefly outlining the testing procedures, presents available project information, describes the site and subsurface conditions, and presents recommendations regarding pavement subgrade design and general site development. Completed on time and within budget.				
	(1) TITLE AND LOCATION (City and State) SW 4th Avenue at SW 28th Street, Broward County, Florida	(2) YEAR COMPLETED <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">PROFESSIONAL SERVICES 2016</td> <td style="width: 50%; text-align: center;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)				
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Mr. Krishnasamy was the principal in charge of the geotechnical engineering services for the safety improvement project at the intersection of SW 4th Avenue at SW 28th Street in Broward County. The improvements included the installation of a mast arm structure, and roadway widening in the general intersection areas. Provided geotechnical evaluations and recommendations regarding foundation design and drilled shaft construction. Completed on time and within budget.				

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Juan S. Calderon, PE, PTOE	13. ROLE IN THIS CONTRACT Construction, Engineering, and Inspection (CEI); Data Collection	14. YEARS EXPERIENCE <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 2px;"> a. TOTAL 20 </td> <td style="width: 50%; padding: 2px;"> b. WITH CURRENT FIRM 7 </td> </tr> </table>		a. TOTAL 20	b. WITH CURRENT FIRM 7
a. TOTAL 20	b. WITH CURRENT FIRM 7				
15. FIRM NAME AND LOCATION (City and State) CALTRAN Engineering Group, Inc. – 790 NW 107 Ave. Suite 200, Miami FL 33172					
16. EDUCATION (Degree and Specialization) MS in Civil Engineering, Florida International University, Florida 1999 BS in Civil Engineering; University Santo Tomas, Bogota, Colombia 1997		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer in Florida No. 58569, 2002 Professional Traffic Operations Engineer No. 1301, 2004 Professional Transportation Planner No. 20, 2007			

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 Mr. Calderon has over 21 years of experience in traffic/ transportation engineering with a Master Degree in Civil Engineering. Mr. Calderon has been involved in managing multiple traffics and planning engineering projects with the FDOT and related contracts. Likewise, he has participated actively in preliminary engineering reports, design project and planning.

19. RELEVANT PROJECTS				
(1) TITLE AND LOCATION (City and State) Downtown Miami Streets (Lane Elimination) SW/ SE 1st Street	(2) YEAR COMPLETED <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 2px;"> PROFESSIONAL SERVICES 2017-2018 </td> <td style="width: 50%; padding: 2px;"> CONSTRUCTION (If applicable) N/A </td> </tr> </table>		PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION (If applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm a. Project Manager responsible for traffic-engineering services to complete a feasibility study to apply a Complete Street concept to SW /SE 1 st St. in Downtown Miami, between SW 2 nd Ave. and Biscayne Blvd. Task included provided and existing condition analysis, traffic analysis for no built conditions, transit system operation analysis. Study recommended lane elimination and 1 st on-road bus lane only in Miami-Dade County. <i>Contact: Fabian De la Espriella (305) 579-6675.</i>				
(1) TITLE AND LOCATION (City and State) City of Coral Gables Comprehensive Multimodal Transportation Plan	(2) YEAR COMPLETED <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 2px;"> PROFESSIONAL SERVICES 2016-2018 </td> <td style="width: 50%; padding: 2px;"> CONSTRUCTION (If applicable) N/A </td> </tr> </table>		PROFESSIONAL SERVICES 2016-2018	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2016-2018	CONSTRUCTION (If applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm b. Project Manager responsible for the evaluation on multimodal projects and transportation traffic calming plan with the vision to support the City developing a framework and analysis of existing and future conditions, civic engagement and putting ideas into action as well as a recommendation and prioritization of funding. <i>Contact: Atkins, Jack S. Schnettler, PE, (305) 514-3369.</i>				
(1) TITLE AND LOCATION (City and State) NW 17 Street Traffic Impact Analysis	(2) YEAR COMPLETED <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 2px;"> PROFESSIONAL SERVICES 2016- 2018 </td> <td style="width: 50%; padding: 2px;"> CONSTRUCTION (If applicable) N/A </td> </tr> </table>		PROFESSIONAL SERVICES 2016- 2018	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2016- 2018	CONSTRUCTION (If applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm c. This project ensure a healthy traffic environment for the City of Sweetwater residents, visitors, and proposed businesses developments through the proposed public facilities and services typical sections at NW 17 th Street between NW 111 th Avenue/ NW 112 th Avenue and NW 108 th Avenue, as well as NW 110 th Avenue, between NW 17 th including committed developments assessment, provide a micro-simulation of existing and future conditions during AM and PM peak periods, concurrency analysis, turn lane evaluation, and determine recommendations to mitigate possible impacts. <i>Contact: Alvarez Engineers Inc. Juan Alvarez, 305-640-1345.</i>				
(1) TITLE AND LOCATION (City and State) Traffic Study of Miramar Parkway & Palm Avenue Modification	(2) YEAR COMPLETED <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 2px;"> PROFESSIONAL SERVICES 2012-2013 </td> <td style="width: 50%; padding: 2px;"> CONSTRUCTION (If applicable) N/A </td> </tr> </table>		PROFESSIONAL SERVICES 2012-2013	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2012-2013	CONSTRUCTION (If applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm d. In charge of reviewing data collected in order to prepare a traffic Study that included turning movement counts on the intersection. Assisted in the signal design with roadway signing and pavement marking to implement modifications at the intersection of Miramar Parkway and Palm Avenue. <i>Contact: Bissy Bempala, 954-602-3323.</i>				
(1) TITLE AND LOCATION (City and State) City of Oakland Park	(2) YEAR COMPLETED <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 2px;"> PROFESSIONAL SERVICES 2017-Ongoing </td> <td style="width: 50%; padding: 2px;"> CONSTRUCTION (If applicable) N/A </td> </tr> </table>		PROFESSIONAL SERVICES 2017-Ongoing	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2017-Ongoing	CONSTRUCTION (If applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm e. In charge of conducting Traffic study in order to collect data including speed, volume, accident history, segment/ intersection assessment, pedestrian access, residential density, and school proximity amongst additional factors for traffic calming evaluation. Design of roadway, signing and marking improvements for two roundabouts located at NW 38 th Street and NW 3 rd Avenue and NW 38 th Street and NW 5 th Avenue. <i>Contact: Jennifer M. Frastai, 954-630-4477.</i>				

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

12. NAME Jeannelia P. Liu, PE	13. ROLE IN THIS CONTRACT Construction, Engineering, and Inspection (CEI)	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i> CALTRAN Engineering Group, Inc. – 790 NW 107 Ave. Suite 200, Miami FL 33172			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science in Civil Engineering; University of Miami 1996		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineer in Florida No. 575656, 200	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mrs. Liu has a wide-range of experience in consulting engineering and information management throughout her 22 year career. Her experience included nine years of involvement providing project management services to various GIS, planning, studies and data collection projects. Mrs. Liu has been involved in numerous roadway designs and planning project in FDOT.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> US-1 Bayfront Area Road Diet	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> N/A
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROL ☒ Check if project performed with current firm A micro simulation and study was conducted to understand the impacts of removing one lane in each direction along US-1 corridor, in Miami Downtown Bayfront area. The analysis used Synchro software to compare before/after performances at intersection levels. <i>Contact: Tindale Oliver, Demian Miller (813) 224-8862</i>		
(1) TITLE AND LOCATION <i>(City and State)</i> Iron Triangle Planning Study	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016-2018	CONSTRUCTION <i>(If applicable)</i> N/A
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ☐ Check if project performed with current firm Provided Alternatives form improvements at the interchange of SR 112/LeJeune Road/Okeechobee Road. As part of the tasks assigned included evaluation of existing conditions, traffic data collection including big data evaluation for origin-destination (HERE Data, Bluetooth, and Streetlight), operational analysis microsimulation model development, provide documentation for the Design Traffic Technical Memorandum (DTTM), conceptual improvements assessment for Tier 1 and Tier 2 including long and short term Improvements. Provide final recommendations, assist in cost estimates and support in public involvement. <i>Contact: Jacob, Ana Elias (954) 246-1243</i>		
(1) TITLE AND LOCATION <i>(City and State)</i> FDOT D6, Transportation Statistics Support No.3, Miami, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013-Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ☐ Check if project performed with current firm Quality Control Supervisor responsible for providing engineering support at the Intermodal Systems Development Office in D6 and amongst other tasks includes; PTMS design through work program projects; Roadway Characteristic Inventory data collection and review; enhanced pavement deficiency evaluation and reporting. <i>Contact: Neil Lyn (305) 470-5373</i>		
(1) TITLE AND LOCATION <i>(City and State)</i> City of Miramar, Miramar Boulevard Widening Project, Miramar, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> N/A
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ☐ Check if project performed with current firm Project Manager and Engineer of Record. Widening of 3 Miles of roadway from two to four lanes, curb and gutter, drainage of Miramar Boulevard at Hiatus Road, 107 Block and Palm Avenue in the City of Miramar. Prepared signal component package following FDOT Plans Preparation Manual included: roadway plans that include horizontal and vertical alignment and cross sections, signalization plans, signing, pavement marking plans in conformance with the City of Miramar, Broward County, FDOT Standards and PPM		
(1) TITLE AND LOCATION <i>(City and State)</i> SR 976/Bird Road from SR 821/Heft to US1/South Dixie Hwy	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016-Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ☐ Check if project performed with current firm Engineer in charge of conducting the analysis of The 5-leg intersection of Bird Road (S.W. 40th Street), Granada Blvd and University Dr. As a part of concept development. One alternative was to convert the 5-leg intersection into a roundabout (which will not be analyzed at this stage). The other alternative was to convert University Dr. from a two-way street, into a one-way street (between Toledo Street and Granada Blvd). Toledo Street and Granada Blvd).		

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

12. NAME Larry M. Smith, P.E.	13. ROLE IN THIS CONTRACT Mechanical, Plumbing, and Electrical Engineering	14. YEARS EXPERIENCE a. TOTAL 33 b. WITH CURRENT FIRM 20	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Smith Engineering Consultants, Inc., 412 SE 18th Street, Fort Lauderdale, FL, 33316			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science in Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida/Electrical Engineering	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Post-graduate studies at FAU in telecommunications, Tau Beta Pi (Engineering Honor Society), IEEE, Florida Engineering Society (Past President of the Palm Beach Chapter and State), Florida Building Code electrical technical advisory committee, FES state energy committee.			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> SFWMD Gate Structure G-716 and Pump Station S-476 Palm Beach County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION <i>(If Applicable)</i> 2019	
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Designed the electrical systems for a new, three (3) gate structure within an existing stormwater treatment area (STA). This included the electrical service and distribution, controls, lighting, instrumentation, and SCADA/telemetry. The telemetry system was designed using the District's standard RTU design. The pump station consisted of three (3) electric motor operated pumps with both upstream and downstream water level monitoring. A backup diesel generator was designed to provide station power in the event of a failure of the normal power supply.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> Palm Beach County Lift Stations Palm Beach County, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION <i>(If Applicable)</i> 2018	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Designed the SCADA/telemetry system improvements for 50 lift stations throughout Palm Beach County's service area. New remote terminal units (RTU's), including associated antenna towers, were added to provide remote status reporting to the central monitoring location. New pump control panels were designed to replace those that were in poor condition. New level transducers and PLC's were provided for modernized pump control.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> City of Sunrise, Sawgrass WTP Improvements Sunrise, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015 CONSTRUCTION <i>(If Applicable)</i> 2016	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Designed the electrical systems for miscellaneous improvements to the City's existing water treatment plant. This included the electrical power distribution, controls, and instrumentation. Four (4) existing transfer pumps at the clearwell were upgraded with larger motors. Two (2) of the pumps received new reduced voltage starters and the other two (2) new variable frequency drives (VFD's). Other improvements included new metering pumps for the sodium hypochlorite, the replacement of three (3) concentrate booster pumps/ motors.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> Town of Jupiter Water Treatment Plant Jupiter, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION <i>(If Applicable)</i> 2020	
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Smith Engineering Consultants, Inc. has worked with the Town of Jupiter on several of their recent utilities projects. We have successfully resolved power quality issues within the Nano-filtration Plant. We have made improvements to the existing high service pumps by designing new variable frequency drives (VFD's) to replace existing reduced-voltage motor starters. Also recently we have designed the electrical systems for new and replacement surficial aquifer wells, which included 4,160V power distribution.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i> City of West Palm Beach Street Lighting West Palm Beach, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION <i>(If Applicable)</i> 2021	
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Designed the electrical systems, including new decorative lighting poles and fixtures, along Tamarind Avenue from Banyan Blvd. to Palm Beach Lakes Blvd. The electrical systems included a new electrical service and power distribution for photoelectric controlled street lights. Calculations for the roadway illumination were made in accordance with city requirements, and light pole details prepared for the selected decorative lighting.	☒ 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 David R. Jones, P.E.	13. ROLE IN THIS CONTRACT Mechanical, Plumbing, and Electrical Engineering	14. YEARS EXPERIENCE	
		a. TOTAL 29	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i> Smith Engineering Consultants, Inc., 412 SE 18th Street, Fort Lauderdale, FL, 33316			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science in Mechanical Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Florida/Mechanical Engineering	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Mirasol Pump Station Palm Beach Gardens, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2001	CONSTRUCTION <i>(If Applicable)</i> 2003
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mechanical design for a new stormwater pump station. This pump station consisted of six (6) electric motor operated pumps with both upstream and downstream water level monitoring. A backup diesel generator was designed to provide power for full pumping capacity. Reduced-voltage motor starters were designed to reduce the starting inrush current for the large electric motors. Mechanical design included motor operated gates for control structures, air conditioning of the main electrical room, and plumbing.	☒ Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Village of Wellington Pump Station No. 6 Wellington, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2004	CONSTRUCTION <i>(If Applicable)</i> 2005
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mechanical design for several new stormwater pump stations throughout the Village of Wellington. These pump stations consisted of electric motor operated pumps with both upstream and downstream water level monitoring. A backup diesel generator was designed at each pump station to provide power for full pumping capacity. Mechanical design included ventilation and plumbing throughout the pump stations.	☒ Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> City of West Palm Beach Renaissance Pump Station West Palm Beach, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2002	CONSTRUCTION <i>(If Applicable)</i> 2004
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mechanical design for a new stormwater pump station. This pump station consisted of three (3) electric motor operated pumps with both upstream and downstream water level monitoring. Provisions for a future backup diesel generator were designed to provide power for full pumping capacity. Mechanical design included motor operated gates for control structures, ventilation of the main electrical room, and plumbing.	☒ Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Lake Worth Master Pump Station Lake Worth, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2002	CONSTRUCTION <i>(If Applicable)</i> 2003
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mechanical design for two (2) redundant air-conditioning systems to cool the electrical equipment room. These split(DX) systems were of a low profile, space saving design so as to maximize the available space for the electrical equipment. Air conditioning of the variable frequency drives (VFD's) serves to extend the life of these expensive devices.	☒ Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Gateway Community Development District Ft. Myers, Florida	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2004	CONSTRUCTION <i>(If Applicable)</i> 2005
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mechanical design for the two (2) redundant air-conditioning systems to cool the electrical equipment room of the reclaimed water pump station. These split(DX) systems were of a low profile, space saving design so as to maximize the available space for the electrical equipment. Air conditioning of the variable frequency drives (VFD's) serves to extend the life of these expensive devices.	☒ Check if project performed with current firm	

uble. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Yvette Holt	13. ROLE IN THIS CONTRACT Public Involvement	14. YEARS EXPERIENCE a. TOTAL 23 b. WITH CURRENT FIRM 14	
15. FIRM NAME AND LOCATION <i>(City and State)</i> Holt Communications, Inc., Miramar, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science, Public Relations, University of Florida		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. (1) TITLE AND LOCATION <i>(City and State)</i> Beach Corridor Rapid Transit Project, Miami-Dade County, FL	Current	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Holt currently leads the public involvement effort of a Project Development and Environment (PD&E) Study of rapid transit options along the Beach Corridor. She is responsible for the development and execution of a Public Involvement Plan including extensive public and official outreach, public meetings.	[X] Check if project performed with current firm	
b. (1) TITLE AND LOCATION <i>(City and State)</i> MDX General Engineering Consultant, Miami-Dade County, FL	Current	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Holt develops and implements the strategic public involvement programs for the construction of the MDX work program. She is responsible for informing key stakeholders of the impacts, benefits and status of construction projects at various phases. Ms. Holt represents MDX to the communities that are most directly impacted by construction activities and is responsible for the mitigation of any issues that arise.	[X] Check if project performed with current firm	
c. (1) TITLE AND LOCATION <i>(City and State)</i> TPA Long Range Transportation Plan, Palm Beach County, FL	2019	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Holt leads the public engagement effort for the Palm Beach TPA's LRTP. She is responsible for ensuring that the Palm Beach County public is aware of, active participates in, and engaged to the maximum extent possible in all phases of the 2045 LRTP effort. This includes the development of a survey of transportation needs that was shared online and in person at various community events throughout the county.	Check if project performed with current firm	
d. (1) TITLE AND LOCATION <i>(City and State)</i> SFRTA Boca Tri-Rail II, Boca Raton, FL	2019	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Holt lead the outreach effort for SFRTA's PD&E Study to evaluate alternatives for a second Tri-Rail station within the South Florida Rail Corridor in the City of Boca Raton. Ms. Holt developed a strategic public involvement program to build consensus for the improvements by working closely with residents, officials and special interest groups.	Check if project performed with current firm	
e. (1) TITLE AND LOCATION <i>(City and State)</i> BCT South US 1 BRT Improvements Study, Broward County, FL	2015	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Holt lead the public involvement and community outreach activities for Broward County Transit's examination of Bus Rapid Transit (BRT) along one of its busiest routes, Route 1, along US 1 between the Broward Boulevard/Broward Ms. Holts tasks included the development of a comprehensive PIP, development of a Technical Advisory Review Committee, public workshops and materials.	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 Merrill Starr	13. ROLE IN THIS CONTRACT Public Involvement	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i> Holt Communications, Inc., Miramar, FL			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science, Communications University of Florida		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. (1) TITLE AND LOCATION <i>(City and State)</i> Beach Corridor Rapid Transit Project, Miami-Dade County, FL	Current	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Starr serves as a Public Information Officer managing stakeholder involvement for the Beach Corridor Rapid Transit Project, a Project Development and Environment (PD&E) Study of rapid transit options along the Beach Corridor. The Beach Corridor is one of the six rapid transit corridors of the Strategic Miami Area Rapid Transit (SMART) Plan. Ms. Starr is also responsible for the development of all project educational and information materials.	☒ Check if project performed with current firm	
b. (1) TITLE AND LOCATION <i>(City and State)</i> MDX General Engineering Consultant, Miami-Dade County, FL	Current	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Starr helps to implement the strategic public involvement programs for the construction of the MDX work program. She is responsible for informing key stakeholders of the impacts, benefits and status of construction projects at various phases. Ms. Starr represents MDX to the communities that are most directly impacted by construction activities and is responsible for the mitigation of any issues that arise.	☒ Check if project performed with current firm	
c. (1) TITLE AND LOCATION <i>(City and State)</i> TPA Long Range Transportation Plan, Palm Beach County, FL	2019	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Starr provided public engagement support to ensure the public is aware of, actively participated in, and was engaged to the maximum extent possible in all phases of the 2045 L RTP effort. Her tasks included attendance at existing community meetings, developing materials for technology such as web page and social media, and targeted outreach to traditionally underserved communities.	Check if project performed with current firm	
d. (1) TITLE AND LOCATION <i>(City and State)</i> SFRTA Boca Tri- Rail II, Boca Raton, FL	2019	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Starr served as the Public Information Officer for SFRTA's PD&E Study to evaluate alternatives for a second Tri-Rail station within the South Florida Rail Corridor in the City of Boca Raton. Ms. Starr lead the implementation of the Public Involvement Plan including community outreach, development of educational and informational materials, property owner communications and presentations to stakeholder groups in compliance with all National Environmental Policy Act (NEPA) requirements.	Check if project performed with current firm	
e. (1) TITLE AND LOCATION <i>(City and State)</i>		
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	Check if project performed with current firm	

12. NAME STEPHEN WILLIAMS, SR., PE		13. ROLE IN THIS CONTRACT Surveying and Mapping		14. YEARS OF EXPERIENCE	
				a. TOTAL 48	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) KEITH, Pompano Beach, Florida					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Civil Engineering, University of Florida, 1977			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Florida Professional Engineer #32090		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (ASCE), Florida Engineering Society (FES), National Society of Professional Engineers (NSPE), Leadership Broward I, Fort Lauderdale Unsafe Structures Board					
19. RELEVANT PROJECTS					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
Colonial Drive Traffic Calming, Pedestrian Routing and Streetscape Improvement (Margate, FL)		PROFESSIONAL SERVICES 2019		CONSTRUCTION (If applicable) 2019	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ Check if project performed with current firm			
Phase 1 includes traffic calming, pedestrian routing and streetscape improvements containing approximately 500 LF of Local Roadway. The scope entails schematic drawings of existing conditions, concept drawings including two alternatives considering potential lane width modifications, road geometry adjustments, landscaping, street lighting, potential pavement enhancements, other improvements aimed at enhancing pedestrian crossing experience on Colonial Drive and traffic calming, cost estimates, coordination meeting with Northwest Regional Hospital and MCRA staff and public workshops, if necessary.					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
Pompano Beach Design/Build Pier Beach Parking Garage (Pompano Beach, FL)		PROFESSIONAL SERVICES 2017		CONSTRUCTION (If applicable) 2017	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ Check if project performed with current firm			
The new Pompano Beach Pier/Beach Parking Garage is located at the southeast corner of North Ocean Blvd. (S.R. A1A) and NE 3rd Street on a 3.5-acre site. The new parking garage includes five stories, 625 parking spaces, speed ramp to facilitate access to higher levels of the garage and some retail space on the ground level fronting NE 3rd Street and the new Pier Street. As part of the design-build team, led by Kaufman Lynn Construction, KEITH was responsible for Planning, Surveying, Utility Coordination/Investigation, Civil Engineering, Landscape Design, Permitting and Construction Inspection of the project.					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
City of Pompano Beach & CRA Miscellaneous Engineering Services Contract (Pompano Beach, FL)		PROFESSIONAL SERVICES On-going		CONSTRUCTION (If applicable) On-going	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ Check if project performed with current firm			
KEITH has served as the General Engineering Consultant for the City of Pompano Beach for over 16 years. Ms. Keith-Lazowick is the Contract Manager/Elected Officials Liaison for the firm on an as needed basis. Many of the project assignments have been in the redevelopment of roadways, parking facilities and utility infrastructure design. All services of the firm are utilized including planning, civil engineering, surveying, subsurface utility engineering, and landscape architecture. Signature design and construction projects include:					
• Martin Luther King Boulevard Streetscape and Utility Improvements		• Pompano Beach Sidewalk Construction Program			
• Old Historic Pompano Downtown Roadway and Utility Improvements		• SE 8th Court Bridge Replacement			
• Pompano Beach Boulevard Streetscape, Utility and Dune Restoration Project		• NE 27th Terrance Bridge Replacement			
• Harbor Drive Beautification, Roadway and Utility Improvements		• Pompano Airpark Master Drainage Plan			
• Municipal Reclaimed Water Main Phase III Design and Construction		• Collier City Sanitary Sewer Improvements			
• Municipal Force Main Replacement SE 13th Street Design and Construction					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
NE 38th Street from Dixie Hwy to NE 13th Avenue (Oakland Park, FL)		PROFESSIONAL SERVICES 2012		CONSTRUCTION (If applicable) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ Check if project performed with current firm			
Mr. Williams was the Engineer of Record for the design of N.E. 38 Street from Dixie Highway through the intersection of N.E. 13 Avenue. The goal was to enhance the pedestrian movements and vehicular traffic circulation in the area by developing paving, grading, drainage, landscaping and street lighting plans. The roadway cross-section included a sidewalk on the south side of N.E. 38 Street. The sidewalk on the north side of NE 38 Street was supplied by the Oakland Station development on the Oakland Station property in a sidewalk easement. This project connects the city's N.E. 12 Avenue project to their N.E. 38 Street project. Further designed a stormwater management system that includes a pumping station to eliminate frequent flooding of low roadway segments. The roadway reconstruction included upgrading the water and sanitary sewer systems as well as new storm drainage lines.					
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
City of Fort Lauderdale NE/NW 6 Street (Sistrunk Blvd) (Fort Lauderdale, FL)		PROFESSIONAL SERVICES 2012		CONSTRUCTION (If applicable) N/A	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ Check if project performed with current firm			
This 2.3-mile urban corridor is a Streetscape and Enhancement Project from NW 24th Avenue to Federal Highway (US-1). Mr. Williams served as the lead site design engineer and Project Manager during the construction phase. This project involved lane reductions, on-street parking, wider sidewalks, drainage improvements, decorative street and pedestrian lighting, bus shelters, landscaping, signalization upgrades and sanitary sewer design. Post Design Services representative to City.					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS OF EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM

LEE POWERS, PSM

Surveying and Mapping

14

10

15. FIRM NAME AND LOCATION (City and State)

KEITH, Pompano Beach, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)

BS Land Surveying & Geomatics Engineering, Purdue University, 2005

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Florida Professional Surveyor & Mapper, #6805

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

Florida Society of Professional Surveyors & Mappers, BIM Smart Foundation, Member, BuildingSMART Foundation Member. Certifications: Transportation Worker Identification Credential (TWIC), FDOT Maintenance of Traffic

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Pompano Beach Boulevard Streetscape (Pompano Beach, FL)	2013	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm The Pompano Beach Boulevard Streetscape project included the redesign of Pompano Beach Boulevard roadways, median and pedestrian pathways adjacent to Pompano Beach, south of the pier to Atlantic Boulevard, including a signature plaza at the end of Atlantic Boulevard, and North to NE 5th Street. Because much of the project was located seaward of the Coastal Construction Control Line, the design required extensive hydrographic and topographic survey in accordance with the requirements of the Florida Department of Transportation Environmental Protection-Division of Beaches and Shores as set forth in Section 62B-33.0081. KEITH was responsible for Civil Engineering Design and Surveying for the development of a unique beach front venue including enhancement of roadway and on-street parking pedestrian streetscape/landscape, drainage improvements, relocation, utility infrastructure along Pompano Beach Blvd and underground of overhead Utilities from Atlantic Boulevard to NE 5th Street.		
b.	Federal Highway (US-1) Beautification Project (Delray Beach, FL)	2017	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Mr. Powers served as the Project Surveyor for this project that includes US-1 (Federal Highway) in Delray Beach from just South of S.E. 10th Street to just North of N.E. 8th Street. This project provides the design services necessary to decrease the current three-lane configuration of US-1 (Federal Highway) through the downtown area to a two-lane roadway with additional parking, walkways and landscaping. This project required K&A to establish new control points throughout the project limits. K&A also conducted a survey of over 220 drainage structures throughout the corridor. Finished floor elevations were measured on all structures within 25 feet of the right-of-way. A Topographic Survey was required for the engineering designs. This Topographic Survey collected all surface data within the right-of-way of US-1.		
c.	Sidewalk Extension N.E. 27th Avenue (Lighthouse Point, FL)	2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm KEITH provided professional services for the design, permitting and CEI services for the installation of 5 foot wide sidewalk along the West side of N.E. 27th Avenue from N.E. 51st Street to just South of the Northern municipal limits of Lighthouse Point. The sidewalk is approximately 1,500 feet. Mr. Powers served as the project surveyor responsible for the topographic survey.		
d.	Palm Beach County Traffic Signal Design (Palm Beach County, FL)	2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm KEITH is providing surveying and subsurface utility engineering services as subconsultant to McMahon Associates on an as needed basis. Survey includes intersection design surveys that established project control, recovered existing alignments and right-of-way, and located all underground utilities.		
e.	Congress Avenue SR 807 at 10th Avenue North Village of Palm Springs, FL)	2013	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm This was an FDOT safety project for a busy intersection which entailed primarily the installation of the light poles, pedestrian countdown signage and high emphasis crosswalks, as well as relocating the bus stops on the West leg. As a subconsultant to Kimley-Horn, KEITH provided surveying and SUE services including marketing the edge of pavement and sidewalk, existing signs, light poles and other above ground utility poles, cross walk marking location and traffic signal poles.		

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

12. NAME Kevin Deal	13. ROLE IN THIS CONTRACT Data Collection	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
15. FIRM NAME AND LOCATION <i>(City and State)</i> National Data & Surveying Services, Inc. Los Angeles, CA			
16. EDUCATION <i>(Degree and Specialization)</i> B.S. in Production & Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> None	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Village of Pinecrest Data Collection, Pinecrest, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE NDS was tasked with the collection of turning movement counts including trucks, pedestrians and bicycles, and volume machine counts for their City of Pinecrest KHA Project. 49 – Turning movement counts with pedestrians, bicycles and heavy trucks 38 –24-hour volume machine counts		
☒ Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Polk County TPO Data Collection, Polk County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE NDS was tasked with the data collection of automatic traffic recorders for the annual Polk County Transportation Planning Organization Project in conjunction with Tindale-Oliver. 256 –24-hour volume machine counts 7 –48-hour volume machine counts		
☒ Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Ponce De Leon Corridor Study, Coral Gables, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE NDS was tasked with the collection of turning movement counts at various locations in the city of Coral Gables, FL. Turning movement counts included vehicles, heavy trucks, pedestrians and bicycles. 16 – 4hr turning movement counts on a weekday		
☒ Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Palmetto Bay Residential Development, Palmetto Bay, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE NDS was tasked with the collection of turning movement counts and collection of automated traffic recorder volume counts in the city of Palmetto Bay, FL. Turning movement counts included vehicles, heavy trucks, pedestrians and bicycles. 10 – 4hr turning movement counts on a weekday 2 – 24hr volume machine counts		
☒ Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Weston Corridor Pedestrian Study, Weston, 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 NDS was tasked with the collection of pedestrian midblock crossing counts in a 1000 foot section in the city of Weston, FL. Counts included classification of pedestrians and bicycles. 4 – 8hr pedestrian counts on a weekday		
☒ Check if project performed with current firm		



5. Approach to Scope of Work

Understanding of City's Needs, Goals, and Objectives

Kimley-Horn is ready to build upon our prior experience within the City of Fort Lauderdale and put that experience to work as your Traffic and Transportation Engineering and Planning Consultant. We realize that several key initiatives may come up during this contract including the implementation of the Broward County Surtax Penny for Transportation projects, traffic impact studies and reviews, neighborhood traffic calming studies, sea-level rise resilience projects, utility hardening, and planning for existing and future transit options.

We recognize that climate-resilient solutions will be vital during this contract. Kimley-Horn offers the City of Fort Lauderdale the advantages of a national perspective on the latest climate adaptation measures and a proven record of developing climate-resilient solutions. As a leader in resilience planning, Kimley-Horn will bring a fresh perspective and extensive knowledge of the sea-level rise in South Florida to the City of Fort Lauderdale. Kimley-Horn has a deep understanding of the impacts rising tides will have on the infrastructure planning and design process, and will rely on our extensive experience when proposing solutions.

Our involvement with City projects spans over three decades, during which time our knowledge of your policies and procedures has grown along with our understanding of your transportation network. Our proximity and sensitivity to your issues help us provide unmatched accountability, responsiveness, and effective solutions.

We are eager to continue providing City staff with unmatched professional engineering and transportation planning services including site plan review, neighborhood traffic evaluations, preparation and review of traffic impact studies, concurrency determinations, trip generation studies, transit planning studies, operational analyses, safety studies, bicycle and pedestrian plans, transportation projections, parking studies, traffic calming plans, conceptual design of roadways and parking facilities, maintenance of traffic plans, and computer modeling. Our team also has expertise in intersection design, roadway design, parking garage evaluation, planning and design, and GIS database development.



Kimley-Horn Philosophy

Kimley-Horn offers its clients the individual, personal service they would expect from a local firm combined with the resources of a nationally-ranked engineering firm. Kimley-Horn has all of the traits of a successful consultant firm, a proven record of client service, adaptability, versatility, and responsiveness. We offer high-quality technical solutions, experienced project managers who are leaders in their field, and a focus on delivering proactive client service.

Kimley-Horn's unique culture has guided us through many years of success. Our core values and core purpose form the foundation on which we operate the firm and serve our clients. Our core purpose is to provide an environment for our people to flourish. From our clients' perspective, our philosophy is most immediately apparent in the exceptional client service we strive to provide. This is achieved by being responsive, communicating and planning well, being proactive in helping our clients anticipate potential problems, bringing strong technical expertise to our clients' challenges, and having a healthy respect for the bottom line.



Our firm operates as one reporting center and our offices do not compete against each other for resources or contracts. As a result, we do not have a traditional reporting structure. Our project managers work with their individual project team to ensure productivity, financial accuracy, and high client service with the assistance and guidance of the regional leader and regional production manager. This regional hub concept provides our project managers with the flexibility to respond to clients at the local level and to draw upon a variety of specialists throughout the country.

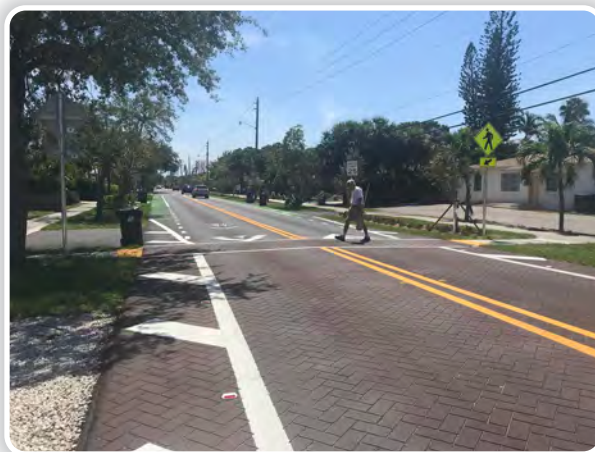
Kimley-Horn Approach

A typical work order may involve a request to peer review a traffic impact analysis or parking study prepared by others. For this type of work order, we will attend a methodology meeting with City staff and the applicant prior to data collection and/or report preparation to establish the parameters for the study including the study area, analysis periods, and identification of key issues to be analyzed. Upon submittal of the subject report, we will complete a thorough review including field observations and provide written comments within two weeks. We further commit to meeting with both City staff and the applicant to review comments and concerns expressed. Reviews of additional material will be completed within one week. Our team and support staff will at all times act in the best interest of the City and will be mindful of the concerns of its citizens. We will also be available to represent the City at public hearings and meetings that occur during the application process.

Intersection Capacity Studies. Given the data and background information collected, Kimley-Horn will evaluate intersection operations using software based upon the Highway Capacity Manual. The analyses will be used to determine the level of service for the overall intersection, as well as the level of service and delay for individual movements at the intersection. Using this approach, we can determine specific operational deficiencies at the intersection. A further component that we would evaluate is the length of queues for the intersection movements in comparison to the available length of the intersection turn lanes. This would be supplemented with actual intersection evaluations to determine if queue spillbacks occur. The analyses would include evaluations of both existing and future projected volumes, to ensure that we are considering solutions that will last.

After identifying problem areas at the intersection, Kimley-Horn will undertake a comprehensive review of potential solutions, with a priority of identifying those that provide the greatest bang for the buck: low-cost, yet effective, climate-resilient solutions. Typical alternatives might include evaluating whether or not relatively low-cost alternatives, such as modifying signal timing/phasing or restriping/reassigning lanes, will address the issues. If needed, Kimley-Horn will also evaluate additional solutions, such as adding lanes or installing a signal (at an unsignalized location, if warrant criteria are met).

Safety Studies. Using crash data and information gathered via field reviews under various types of conditions, Kimley-Horn will hone in on deficiencies as noted to identify solutions. Again, our approach will focus on identifying low-cost, yet effective, solutions to resolve safety problems at intersections. The solutions will be context-sensitive and specifically focused on the users who are impacted the most. For pedestrian safety concerns, this might include the installation of crosswalks, addition of "countdown" pedestrian signals at signalized intersections, or pedestrian signage with flashing yellow indicators. For vehicular safety problems, solutions might include removing or modifying impediments to sight distance or retiming of signals to include more all-red time at an intersection, among other solutions. Once we have developed a comprehensive approach to addressing the safety problems identified at the intersection, we will coordinate with staff to determine viable solutions for implementation.





TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

Parking Studies. Kimley-Horn understands that parking is about communities, people, and businesses, as well as traffic. For more than three decades, we have successfully balanced the needs of residents, stakeholders, visitors, and public agencies by providing parking studies that show how to meet today's needs while laying the groundwork for the future.

Public agencies from coast to coast (governments, downtown development districts, airport authorities, and hospitals) rely on us for realistic parking projections for specific facilities, special events, or entire cities. We identify and prioritize an optimal mix of facility development and parking management strategies; build consensus for cost-effective solutions; and make sure rates, regulations, and ordinances reflect new land uses, support business development, and protect neighborhoods.

Private clients call on us to tailor parking facilities to the precise requirements of their shopping centers, office high rises, universities, resorts, and medical centers. We've even developed specialized demand models that address the parking patterns of specific types of developments so clients can plan for exactly the parking they need.



When the study's done, clients can still count on Kimley-Horn to design and develop parking facilities and management systems. From study to structure, we help you effectively leverage the power of parking for the future of your community.

Kimley-Horn has developed a unique parking modeling software that allows users to dynamically manage parking demand, monitor parking supply, and develop unique scenarios tailored to development planning and phasing, event management, transportation demand management (TDM), and sustainability.

Park+ has been developed as a GIS add-on extension to ArcInfo to allow for more dynamic data management and robust evaluations. The model includes temporal, multimodal, allocation, parking occupancy, and land use characteristics as primary inputs and user functions. The output features include

overall parking demand, surplus/deficit, and latent (or unmet) demand. The model also allows the user to define smaller areas to perform spot or zonal analyses. The user can also define parking allocation relationships, whether as a land use/parking pair or by user type, to better define allocation patterns.

Roadway Design. Roadway design and planning is one of the mainstays of Kimley-Horn's professional practice, and we are well equipped to address all related aspects of roadway design projects, such as roadway geometrics, drainage design and low impact design (LID) systems, ADA compliance, utility relocations, traffic control, structural/bridge design, and other features. Paving and drainage services are often an integral part of our roadway design projects, and our substantial experience in dealing with permitting and other agencies enables us to secure the necessary permits and approvals for roadway widening through rehabilitation projects. Our track record of achieving necessary agency approvals and gaining public support for major projects is impressive.

Traffic Calming Studies. Traffic calming involves changes in physical measures or policy measures to reduce traffic speeds and/or cut-through traffic volumes in the interest of community safety, livability, and other community goals. Kimley-Horn routinely prepares traffic calming studies for local municipalities in South Florida.

Our approach to traffic calming studies is to begin by understanding the problem from the people who know the area best—our clients and their local stakeholders, residents, and business owners. We prepare a scope of services that is consistent with the *Broward County Traffic Management Manual*, as well as any additional applicable documents such as the *Manual on Speed Zoning for Florida's Highways, Roads, Streets*.



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

Traffic Calming Studies often require a robust amount of data collection including traffic volumes on the study streets, traffic volumes on adjacent streets, vehicle speed data, and pedestrian and bicyclists counts. In addition, Kimley-Horn has experience with obtaining origin-and-destination information to identify cut-through traffic via field observations conducted by a team of strategically-placed field technicians.

Successful traffic calming analyses involve accurate interpretation of traffic volume and speed data.

Traffic Modeling. In Florida, regional travel forecast models have been established for various urban areas as a tool for evaluating future travel demand. The model structure developed for Florida is known as the Florida Standard Urban Transportation Model Structure (FSUTMS). The travel demand model for Broward County has been part of a three-county model known as the Southeast Florida Regional Planning Model (SERPM). The Florida Department of Transportation (FDOT) is developing activity-based models as part of a statewide strategic decision to provide a robust tool for future multimodal transportation planning decision making such as evaluating transit-oriented and in-fill developments, sub-area studies, congestion management strategies, transit alternatives, transportation management policy evaluation, and environmental justice analysis.



Virtually all travel demand models in the state have been calibrated and validated to a specific base year. The initial calibration process is usually performed on a system-wide basis for the whole urban area that the model represents to replicate existing traffic counts along major roadway corridors.

From these base year calibrated models, future year models for long-range transportation planning have been established using projected changes in various transportation network characteristics, as well as socio-economic data. The future year models are applied for evaluating the impacts of various land use, roadway, and policy decisions.



Kimley-Horn excels in the knowledge and application of appropriate travel demand projection methodologies. Typically, the best forecast of future travel demand is the result of a thorough review of both historical traffic growth and modeled projections. We have the ability and experience to forecast travel demand for daily and peak hour conditions using historical trends, land-use data, household travel characteristics surveys,

or any combination of sources. Kimley-Horn's superior knowledge of the local area, including roadway networks, land uses, and demographic and travel characteristics will enable us to refine the newly developed activity-based models to improve accuracy and reliability. We understand that the activity-based models place an increased emphasis on individual travel characteristics and survey data. Our team has extensive experience with the National Household Travel Survey (NHTS) data.

Comprehensive Planning. Kimley-Horn has been providing comprehensive planning, engineering and consulting services, including comprehensive plan development and reviews, throughout Florida for more than 50 years for numerous counties, municipalities, and public-sector agencies. Kimley-Horn has partnered with cities and counties throughout Florida to create and/or revise local comprehensive plans. We have worked as an extension of local government staff to review, prepare, and represent revisions to comprehensive plans. This is even more critical with amendments to the State growth management laws. The desire to manage growth is a common theme in many

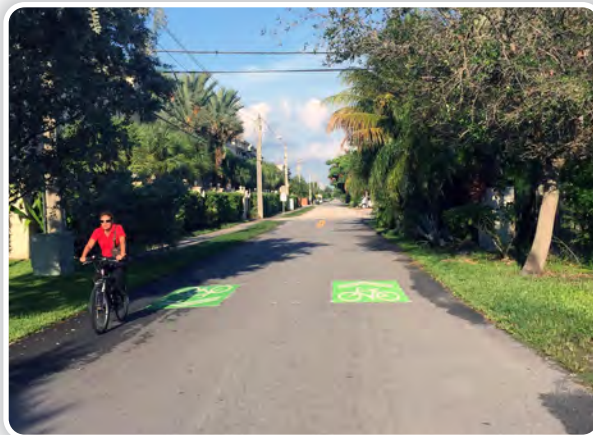


TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

communities across Florida. Often, there is a negative perception of growth resulting from poor planning in the past. Kimley-Horn has a wealth of experience helping communities successfully manage their growth while minimizing impacts on transportation and environmental resources.

The purpose of a comprehensive plan is not to merely fulfill a state mandate, but rather to provide a framework for decision-making and a guide for managing growth and achieving the community's vision for the future. Our planning staff has a wide range of experience with comprehensive plans, land development controls and design standards, and master planning. Our knowledge of critical planning elements, such as regulatory and policy planning, entitlements, comprehensive plans, land use scenario planning, implementation strategies, cultural and natural resources, and intergovernmental coordination indicates that our work is truly comprehensive in scope.



Kimley-Horn's staff has developed numerous comprehensive plans, zoning ordinances, subdivision regulations, overlay districts, and planned unit development agreements. Moreover, we thoroughly understand the review responsibilities necessary to ensure consistency with adopted plans and standards. Our team of professionals has worked for and with municipal agencies and understands the intricacies of the comprehensive planning process. We are experts in the state-mandated growth management system. We continually monitor the development of state legislation and local ordinances relevant to Florida communities and are thoroughly familiar with state-of-the-art computerized and GIS management systems for managing development.

Timeline/Schedule

The standard practice at Kimley-Horn is to complete projects on or before the deadline. We have many procedures and processes to ensure that we will satisfy your project schedule:

Kimley-Horn Project Kickoff Meetings. At the start of a project or major task, we have a kick-off meeting with all involved staff to discuss individual responsibilities, schedule, and budget.

Kimley-Horn Staff Meetings. We have a weekly transportation staff meeting, which addresses the status of projects, deliverables, or meetings in the immediate future, in-office and out-of-office staff schedules for the week, individual workloads, staff needs from other Kimley-Horn offices, and any problems or potential problems on projects.

Kimley-Horn Available Resources. Every week representatives from each of the 18 Florida Kimley-Horn offices have a conference call in which they discuss staff not fully utilized, and projects needing additional support. The call allows the project needs to be effectively matched to available resources. Project tasks may be sent to another office, and Kimley-Horn staff may be temporarily transferred between offices to help with the workload. In Florida, we have more than 800 employees in 18 offices, and nationwide we have more than 4,200 employees. Our resources are available to help address your project needs.

Periodic Client Status Meetings and Reports. We have periodic project status meetings/reports. A prepared agenda allows us to efficiently discuss current projects, anticipated future projects, and any unresolved items. For periodic meetings, we find it helpful to fix the days and times of the meetings. The fixed day and time allows the meeting schedule to be made for the entire year or project term. This also helps team members to avoid conflicts with the project meetings.



Quality Assurance/Quality Control (QA/QC)

Critical to completing projects on time and within budget is a proven quality assurance/quality control program. We systematically listen to your needs, document the projects' requirements, and formally develop a set of quality standards by which the project will be measured. Kimley-Horn's QA/QC measures are built into our project management processes, and they are part of our firm's culture.

These measures include:

- Internal project quality controls
- Project peer reviews
- Continuous Quality Improvement (CQI) initiatives

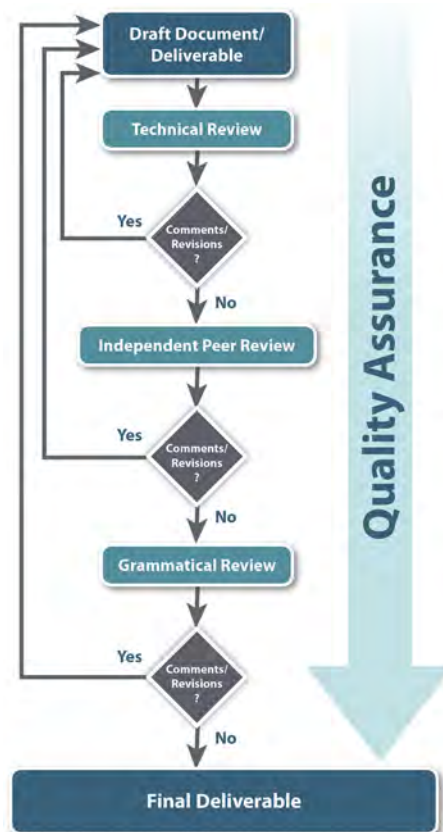
Internal QC measures. Our internal QA/QC program includes a kickoff meeting with key team members to clearly define the scope, outline subtask responsibilities, establish schedules, and identify project milestones and goals. Our QA/QC manager, **Adrian Dabkowski, P.E., PTOE**, will maintain a strict review of all documents, calculations, reports, etc. These QC reviews are not limited to senior staff. Engineering analysts and technicians are continually challenged to produce quality results and deliverables before they get to the project manager.

At the project manager level, the quality review is continuous so that deliverables meet your needs. At the end of each milestone, a QA/QC review will be conducted internally (within the project team) or through a peer review process as one of several checks to make sure that the project deliverable is not only technically correct but also consistent with your objectives.

Peer reviews. Project processes, work plans, documents, and deliverables often are reviewed by senior staff not necessarily involved with the project on a day-to-day basis. This peer review is routine for all projects, and it becomes a formal process for larger projects. Kimley-Horn's formal QA/QC program is based upon assigning experienced, senior professionals who are otherwise qualified to manage a similar project to serve in this independent quality control role. Our depth allows us to provide such personnel, who provide a fresh perspective and critical eye. Any changes or modifications required to respond to the comments and recommendations of the peer review team will be incorporated prior to submitting deliverables.

CQI initiatives. Quality projects don't happen by accident at Kimley-Horn. We have been firmly committed to top quality since the firm was founded more than 50 years ago, and ultimately our people are responsible for exceeding our clients' expectations for quality. This aspect of our business is openly communicated and actively advocated within Kimley-Horn. Quality standards are a major subject of each person's orientation, annual review, and ongoing training program.

Along that line, we implemented a program years ago called Continuous Quality Improvement (CQI). Each person in the company endeavors to identify improvements that will directly benefit our clients. We have solicited feedback from many of our clients, including federal/regional/state/local government agencies, private developers, other consultants, suppliers, and vendors. The feedback we receive helps us improve the firm's overall service, brings our clients greater value and satisfaction, and achieves a higher level of success. Most importantly, we learn about our clients and their preferences, industry standards, and which methods are successful and which are not. Our project managers make a habit of establishing a quality control plan at the beginning of each project, keeping the focus where it should be throughout the project—on producing quality results for the client.





Current Workload

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 Fort Lauderdale with the highest quality staff and service to meet your project schedule and budget requirements.

The members of our project team were selected using two criteria: (1) their experience with similar projects and (2) their availability to assume major technical responsibilities within your project schedule. Kimley-Horn's proactive management system, known as "cast-aheads," is used to detail every project's personnel needs, as well as to determine each staff person's availability. By continuously matching project needs with staff availability, our cast-aheads system is an accurate tool for keeping our projects on schedule.

Based on a review of our cast-aheads, we can assure you that the staff members selected for this team are immediately available 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 the City's needs.

Available Facilities, Technological Capabilities, and Other Resources

This contract will be managed by **Stewart Robertson, P.E.**, who is located in the local office of Kimley-Horn. Stewart leads a team of more than 70 employees with a wide range of disciplines including transportation planning and design, roadway and utility design, municipal engineering, land development services, intelligent transportation systems (ITS), structural engineering, and aviation planning and design.

Our staff is equipped with the latest commercially available transportation software and design tools including:

- SYNCHRO
- ArcView/GIS
- Highway Capacity Software (HCS)
- CORSIM
- VISSIM
- SIMTraffic
- SIDRA
- Florida Standard Urban Transportation Model Structure (FSUTMS)
- Autocad Civil 3D
- MicroStation

We are a full production office. Additionally, our graphic arts software capabilities include SketchUp, Adobe InDesign, Adobe Photoshop, Adobe Illustrator, and Microsoft Office. Our presentation systems include a high-resolution digital projection of PowerPoint slide shows, interactive SmartBoard displays, and DVD video. In-house production capabilities also include foam-core presentation boards and multi-media displays. Kimley-Horn also maintains digital photography equipment, digital video recording, and video editing/production hardware and software.



6. References

Kimley-Horn is extremely proud of the relationships we develop with our clients and feel that their view of work our work is the highest measure of our services. Below are client references that represent a variety of transportation clients we serve. Our project manager, **Stewart Robertson, P.E.**, and our senior project team have or are currently working with these clients and we invite you to contact them about the quality services we provide to them.

City of Miami

Collin Worth
444 SW 2nd Avenue (8th Floor)
Miami, FL 33130
305.416.1022
cworth@miamigov.com

Description of Work:

City of Miami Transportation Program Support Services

Kimley-Horn is serving as an extension of the City's staff assisting in the program management and administration of transportation and transit projects in the City's Capital Improvements Program (CIP). Kimley-Horn's responsibilities include providing oversight of projects encompassing planning, design, and construction activities.

Year Completed: Ongoing

Total Cost of the Construction, Estimated and Actual: N/A

Firm Fee: \$939,938

City of Aventura

Joanne Carr
19200 West Country Club Drive
Aventura, FL 33180
305.466.8943
carrj@cityofaventura.com

Description of Work:

City of Aventura Traffic Engineering Services Consultant

Kimley-Horn is currently providing general traffic engineering and transportation planning services to City staff as a subconsultant to another firm. Duties include peer review of traffic impact and parking studies, site plan review, representation at public hearings, and signal design. Additional duties include a comprehensive study of various proposed infrastructure modifications, including Aventura Mall access and circulation, William Lehman Causeway interchange justification, US 1 median closure, extension of Miami Gardens Drive (east of US 1/Biscayne Boulevard) and evaluation of potential railroad crossings.

Year Completed: Ongoing

Total Cost of the Construction, Estimated and Actual: N/A

Firm Fee: \$170,981



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206



Broward MPO

Ricardo Gutierrez

100 West Cypress Creek Road, 6th Floor

Fort Lauderdale, FL 33309

954.876.0044

GutierrezR@browardmpo.org

Description of Work:

Broward MPO Complete Streets Initiative, FL

Kimley-Horn served the Broward MPO as prime consultant on the Broward Complete Streets Initiative contract. Kimley-Horn's multi-disciplinary team of technical experts and dedicated safe streets advocates assisted the Broward MPO to enhance and implement Complete Streets projects and programs. Kimley-Horn led all aspects of the contract including the Complete Streets Master Plan, which defined a program of investment and identified specific projects through a unique analysis of identifying "project bundle areas" that will create a network of Complete Streets in areas of greatest need and social equity challenges.

Year Completed: 2014

Total Cost of the Construction, Estimated and Actual: N/A

Firm Fee: \$500,000



7. Minority/Women (M/WBE) Participation

Kimley-Horn is committed to engaging the services of MBE/DBE firms whenever possible on a project. We believe that it is important to select MBE firms who are not only qualified but also have the ability to meet the specific needs of a project. Through corporate policy and philosophy, our firm actively seeks to encourage and promote the use of MBE firms. We provide interested firms with the opportunity to serve as a subconsultant on our team and actively seek to increase and update our large database of qualified MBE firms to use on future projects. Our aggressive M/W/DBE utilization policy ensures that Kimley-Horn is furthering the positive economic development momentum that the State of Florida advocates through the use of minority, women, and disadvantaged businesses by its contracts.

Project Plan

Kimley-Horn's commitment to engaging the services of MBE and DBE firms whenever possible is clearly illustrated by our inclusion of three MBE firms and two WBE firms on our team to serve the City of Fort Lauderdale. **Tierra South Florida (DBE/MBE)** to provide geotechnical engineering services, **CALTRAN Engineering (WBE/MBE)** to provide construction, engineering, and inspection (CEI) services, and **Holt Communications (DBE/WBE/MBE)** to provide public involvement services. Our MBE partners have been included on our team based on their past working experience with Kimley-Horn and the trust we have in them as quality professionals who increase the value of the work products they are involved with. Kimley-Horn is committed to meeting or exceeding the City's MBE participation goal for this project.

Given our ongoing commitment to meeting or exceeding goals, the implementation process remains the same on a project-to-project basis firmwide. We continually pledge to provide an honest effort to meet the M/WBE and DBE goal for each project. We identify meaningful roles for each M/WBE and DBE subconsultant chosen for each project. We offer our continued commitment to M/WBE and DBE participation for this project as well.

DBE/MBE Participation Record

Kimley-Horn has recognized a track record of meeting or exceeding clients' stated minority business participation goals. Qualified minority and woman-owned firms receive priority consideration when Kimley-Horn looks for suppliers to support their business operations. These businesses receive primary consideration in any proposal we submit for government contracts, as well as special consideration for proposals we submit for private sector projects. Our commitment to retaining minority firms to assist on projects is demonstrated by the amounts Kimley-Horn has paid to minority businesses over the past five years.

Year	Total Paid	No. of Minority Business Utilized
2019	\$41.5 million	364
2018	\$23.5 million	165
2017	\$22.3 million	176
2016	\$16.4 million	186
2015	\$15.6 million	198

Kimley-Horn had a goal to contract at least \$17 million in 2019 to minority-owned professional firms, consultants, or suppliers and achieved a total amount paid of \$41.5 million, continuing the firm's pattern of increased involvement. We believe this speaks well of Kimley-Horn's efforts to involve minority business enterprises in our practice. Kimley-Horn will continue its long-standing practice of using minority business enterprises on current and future projects.

Subconsultant Certificates

M/WBE and DBE certifications are included on the following page.



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

Tierra South Florida

CALTRAN Engineering Group



Holt Communications





TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206



8 REQUIRED FORMS

- Statement of Qualifications Certificate
- Acknowledgement of Addendums
- Non-Collusion Statement
- Contract Payment Method
- Sample Insurance Certificate
- Non-Discrimination Certification Form
- Kimley-Horn Exceptions

STATEMENT OF QUALIFICATION CERTIFICATION

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

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

Company: (Legal Registration) Kimley-Horn and Associates, Inc.

Address: 600 North Pine Island Road, Suite 450

City: Plantation State: FL Zip: 33411

Telephone No. (954) 535-5100 FAX No. (561) 863-8175 Email: stewart.robertson@kimley-horn.com

Check box if your firm qualifies for MBE / SBE / WBE: ☐

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

<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
<u>1</u>	<u>01/28/20</u>	<u> </u>	<u> </u>
<u>2</u>	<u>02/10/20</u>	<u> </u>	<u> </u>

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

[Please see attached exceptions document submitted through Bidsync.](#)

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

Submitted by:

Stewart Robertson, P.E.

Name (printed)

03/02/2020

Date:



Signature

Project Manager/Vice President

Title



ADDENDUM NO. 1

RFQ No. 12370-206

TITLE: Traffic and Transportation Engineering and Planning Services

ISSUED: 1/28/2020

This addendum is being issued to make the following change(s):

1. Section II- General Terms and Conditions, Item 2.15 Contract Term, 1st paragraph, currently reads:

The initial contract term shall commence upon final execution of the contract by the City and shall expire THREE (3) years from that date or the day after the current contract expires, whichever is later. The City reserves the right to extend the contract for TWO (2) additional ONE (1) Year terms providing all terms conditions and specifications remain the same, both parties agree to the extension, and such extension is approved by the City.

This paragraph shall be corrected as follows:

The initial contract term shall commence upon final execution of the contract by the City and shall **expire TWO (2) years** from that date or the day after the current contract expires, whichever is later. The City reserves the right to extend the contract for **THREE (3) additional ONE (1) Year terms** providing all terms conditions and specifications remain the same, both parties agree to the extension, and such extension is approved by the City.

All other terms, conditions, and specifications remain unchanged.

James T. Hemphill
Assistant Procurement and Contracts Manager

Company Name: Kimley-Horn and Associates, Inc.

(please print)

Bidder's Signature: Stewart E. Robertson

Date: 1/28/2020

ADDENDUM NO. 2

RFQ No. 12370-206

TITLE: Traffic and Transportation Engineering and Planning Services

ISSUED: 2/10/2020

This addendum is being issued to make the following change(s):

1. The opening date has been changed to March 2, 2020.

All other terms, conditions, and specifications remain unchanged.

James T. Hemphill

James T. Hemphill
Assistant Procurement and Contracts Manager

Company Name: Kimley-Horn and Associates, Inc.

(please print)

Bidder's Signature: *Stewart E. Robertson*

Date: 02/10/2020

NON-COLLUSION STATEMENT

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

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

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

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

- 3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).
- 3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

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

<u>NAME</u>	<u>RELATIONSHIPS</u>
N/A	

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

CONTRACT PAYMENT METHOD BY P-CARD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, firms must presently have the ability to accept these credit cards or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below you agree with these terms.

Please indicate which credit card payment you prefer:

 X Master Card

 X Visa Card

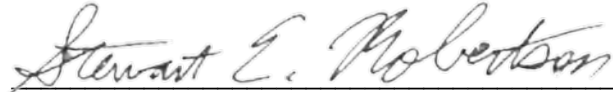
Company Name: Kimley-Horn and Associates, Inc.

Stewart Robertson, P.E.

Name (printed)

03/02/2020

Date:


Signature

Project Manager/Vice President

Title



TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES

for City of Fort Lauderdale | RFQ# 12370-206

Client#: 25320

KIMLHORN

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/26/2019

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

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

PRODUCER Greyling Ins. Brokerage/EPIC 3780 Mansell Road, Suite 370 Alpharetta, GA 30022	CONTACT NAME: Jerry Noyola PHONE (A/C, No, Ext): 770-552-4225 E-MAIL ADDRESS: jerry.noyola@greyling.com FAX (A/C, No): 866-550-4082
INSURED Kimley-Horn and Associates, Inc. 421 Fayetteville Street, Suite 600 Raleigh, NC 27601	INSURER(S) AFFORDING COVERAGE INSURER A: National Union Fire Ins. Co. NAIC #: 19445 INSURER B: Aspen American Insurance Company 43460 INSURER C: New Hampshire Ins. Co. 23841 INSURER D: Lloyds of London 085202 INSURER E: INSURER F:

COVERAGES		CERTIFICATE NUMBER: 19-20		REVISION NUMBER:			
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.							
INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ Contractual Liab. GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☒ LOC ☐ OTHER:			5268169	04/01/2019	04/01/2020	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$25,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☒ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ NON-OWNED AUTOS ONLY			4489663	04/01/2019	04/01/2020	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	UMBRELLA LIAB ☒ OCCUR ☒ EXCESS LIAB ☐ CLAIMS-MADE DED ☒ RETENTION \$0			CX005FT19	04/01/2019	04/01/2020	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	015893685 (AOS) 015893686 (CA)	04/01/2019 04/01/2019	04/01/2020 04/01/2020	☒ PER STATUTE E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
D	Professional Liab			B0146LDUSA1904949	04/01/2019	04/01/2020	Per Claim \$2,000,000 Aggregate \$2,000,000

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

Proof of Insurance

CERTIFICATE HOLDER

Sample Certificate

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

D.H. Gilling

© 1988-2015 ACORD CORPORATION. All rights reserved.

ACORD 25 (2016/03) 1 of 1
#S1529122/M1513917

The ACORD name and logo are registered marks of ACORD

JNOY1

**CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH
NON-DISCRIMINATION PROVISIONS OF THE CONTRACT**

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-187(c), bidders must certify compliance with the Non-Discrimination provision of the Ordinance.

The Contractor shall not, in any of his/her/its activities, including employment, discriminate against any individual on the basis of race, color, national origin, religion, creed, sex, disability, sexual orientation, gender, gender identity, gender expression, or marital status.

1. The Contractor certifies and represents that he/she/it will comply with Section 2-187, Code of Ordinances of the City of Fort Lauderdale, Florida, as amended by Ordinance C-18-33 (collectively, "Section 2-187").
2. The failure of the Contractor to comply with Section 2-187 shall be deemed to be a material breach of this Agreement, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.
3. The City may terminate this Agreement if the Contractor fails to comply with Section 2-187.
4. The City may retain all monies due or to become due until the Contractor complies with Section 2-187.
5. The Contractor may be subject to debarment or suspension proceedings. Such proceedings will be consistent with the procedures in Section 2-183 of the Code of Ordinances of the City of Fort Lauderdale, Florida.



Authorized Signature

Stewart Robertson, P.E., Project Manager/Vice President

Print Name and Title

03/02/2020

Date

Kimley-Horn requests the following changes be made to the General Conditions of Solicitation 12370-206:

- Page 8 – 5.08 Indemnity/Hold Harmless Agreement
Kimley-Horn requests that the above-referenced section be modified to comply with Florida State Statute 725.08.

Suggested language: The Consultant agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Client, its officers, directors and employees (collectively, Client) against all damages, liabilities or costs, including reasonable attorneys' fees and defense costs, to the extent caused by the Consultant's negligent performance of professional services under this Agreement and that of its subconsultants or anyone for whom the Consultant is legally liable.

- Page 10 – Florida State Statute 558.0035
Please add new Provision 5.21 Florida Statute 558.0035

PURSUANT TO FS 558.0035, EMPLOYEES OF CONSULTANT MAY NOT BE HELD INDIVIDUALLY LIABLE FOR DAMAGES RESULTING FROM NEGLIGENCE UNDER THIS AGREEMENT.

- Page 54 – Contract Payment Method Form
Kimley-Horn wishes to negotiate the terms of the City's P-Card credit card program as described on the Contract Payment Method Form.