CITY OF KEY WEST
General Engineering Services

RFQ # 22-006

December 7, 2022

KCI

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KCI

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November 28, 2022

1425 W Cypress Creek Road
Fort Lauderdale, FL 33309

www.kci.com

City Clerk
City of Key West
1300 White Street
Key West, FL 33040

Re: RFQ # 22-006 | General Engineering Services

KCI Technologies has been closely following the direction that the City of Key West (the City) has been taking over the last decade. As such, we have witnessed the City's incredible economic and redevelopment evolution. As consultants to the City under the previous General Engineering Services contract, KCI has helped the City identify, analyze, and resolve infrastructure and operational issues that help the City safely and more efficiently.

Our firm is a premier, full-service engineering and consulting firm offering multi-disciplinary expertise in the fields of engineering, land surveying, landscape architecture, planning, and environmental services. Our company has played a key role in the development of Florida's growing environmental and transportation infrastructure.

KCI possesses extraordinary industry reach and experience; however, we are dedicated to providing detailed, specialized care to each individual client. This is particularly true for our municipal clients. KCI prides itself on providing individualized service that comes from a "City Centric" approach, seeking to always champion Key West's interests and values.

The depth and breadth of our technical knowledge and functional expertise is truly uncommon. Our practical understanding of regulatory requirements and diverse project experience have been developed over decades as a market leader in the industry. We take great pride in the fact that our work has literally influenced, shaped, and redefined the landscape of Florida. We will be fully dedicated and committed to the details of this contract.

Understanding of the Scope of Work: Successful delivery for this "on-call" contract requires a team that has the expertise to address any type of project(s), meet all expectations, and reach successful completion under any schedule required, including possible multiple assignments at the same time. KCI has this expertise and is uniquely qualified to fulfill this contract. We have contributed to a wide range of projects throughout the state of Florida - from mega-construction endeavors, valued at over $200M, to small culvert replacement, pavement rehabilitation, and bicycle/pedestrian facility designs.

Critical Issues for Key West: As climate change strains aging infrastructure through higher storm intensities and sea level rise, the resilience of infrastructure is becoming a critical issue for the Florida Keys. Impacts of sea level rise present major challenges related to maintenance, accelerated failure of aging infrastructure, higher health risks associated with saltwater intrusion, elevated groundwater levels, and greater leakages. At KCI, we believe that we are well past the adaptation of climate change. With our engineering and design solutions, we stay ahead of the curve in responding to these climate change effects. Our expertise is at the disposal of the City.

Familiarity with Local Agencies: The KCI team is completely confident in our understanding of all City, county, state, and federal regulations, guidelines, and standards. We have completed numerous projects for the City under the current General Engineering Services contract and we maintain a similar current contract with Monroe County. In addition, our Project Manager, Bryan Wilson, has over 36 years of experience managing design projects across South Florida and Key West. His experience and well-established contracts with FDOT and regulatory agencies provide the KCI team with the requisite knowledge and perspective to address the challenges and opportunities afforded by the unique environment of Key West.

Regards,

Erick Fry, PE
Vice President

02. Information Page

KCI Technologies, Inc.

Project Manager

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Company Representative

Erick Fry, PE
Vice President, Discipline Manager - Transportation
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03. Organization Chart

Principal-in-Charge
Erick Fry, PE

Project Manager
Bryan Wilson, PE

CIVIL
Task Manager
Bryan Wilson, PE
Fort Lauderdale, FL

- Matt Neddeff, PE — *Fort Lauderdale, FL*
- Mark Kline, PE — *Fort Lauderdale, FL*
- Benjamin Hoyle, PSM — *Fort Lauderdale, FL*
- Michael McKay — *Fort Lauderdale, FL*
- Jessica Keller, ENV SP — *Fort Lauderdale, FL*
- Brandon Kelley, PE — *Fort Lauderdale, FL*
- Jessica Josselyn — *Fort Lauderdale, FL*
- Jacob Mirabella, PE — *Fort Lauderdale, FL*

UTILITY
Task Manager
Robert Zuccaro, PE, ENV SP, FSESCI
Fort Lauderdale, FL

- Nicolas Leone, PE, FSESCI — *Fort Lauderdale, FL*
- Jonathan Geiger, EIT, ENV SP — *Fort Lauderdale, FL*
- Byron Reynolds, EI — *Fort Lauderdale, FL*

STRUCTURAL
Task Manager
Ralph Verrastro, PE
Fort Lauderdale, FL

- Rolando Corsa, PE — *Tampa, FL*
- Andrew Schwarz, PE — *Tampa, FL*

All services will be provided by KCI Technologies, Inc., with the addition of supplemental staff provided by Kittelson & Associates, Inc.

04. Company Information

KCI Technologies, Inc.

KCI has comprehensive resources focused on solving the challenges faced by a diverse client base. Our commitment to professionalism and strong project management has allowed us to play a key role in the development of a variety of cultural destinations. **We are very proud of our work in the City of Key West.**

On January 1, 2019, Keith & Schnars was acquired by KCI to grow our professional and technical expertise. Officially incorporated in 1972 in South Florida, Keith & Schnars maintained an excellent reputation for its award-winning work and impactful solutions. We have remained loyal to our company's history, while endeavoring to evolve and re-imagine ourselves to address the complex needs of the 21st century marketplace.

KCI Technologies, Inc. (KCI) is a 100% employee-owned, sub-chapter S corporation, which was incorporated in 1955 (67 years in business) in the state of Delaware. With revenues of approximately $368 million in 2021, the *Engineering News-Record* has consistently placed KCI among the top 100 consulting engineering firms in the country—currently ranked 48th. Today, the employee-owned, multi-disciplined engineering firm employs more than 1,900 people operating in over 70 offices in 21 states—as well as the District of Columbia. The firm is headquartered in Sparks, Maryland.

We are a multi-disciplinary firm that includes transportation engineers/planners, traffic engineers, surveyors, utility coordinators, and landscape architects. We have partnered with Kittelson & Associates, Inc. KCI and Kittelson are currently teamed on the City of Boca Raton's Continuing Civil Engineering Services contract, as well as on Maryland Transportation Authority's Comprehensive Preliminary and Final Engineering Design Open-End.

Civil Engineering

Transportation. Roadway Traffic & Transportation Planning and Engineering are the core disciplines of our firms' professional practice. We are equipped to address any type of project, such as intersection geometry, neighborhood traffic management, complete streets, traffic control and signalization. In addition, paving and drainage services are often an integral part of our roadway design projects, and our experience in dealing with regulatory and other agencies enables us to secure all necessary permits/approvals. We provide our clients with "constructable" plans, and our knowledge of construction issues and costs is evidenced by our outstanding record of on-time and on-budget completions. The KCI team has implemented design solutions compliant with FDOT's current "Vision Zero" program to significantly reduce pedestrian and bicyclist accidents. We will also assist in implementing the "Don't Block the Box" safety orogram. We have completed hundreds of transportation planning, operations, safety and engineering projects throughout Florida and have 50 years of experience doing so. Our team is experienced in transportation planning and/or engineering contracts for numerous municipal clients such as but not limited to the City of Miami, Miami Beach, Doral, Port St Lucie, Parkland and Key West. We are proven experts in traffic impact studies, traffic operations and safety studies, circulation/connectivity/accessibility analyses, signalized and unsignalized intersection analyses, bike and pedestrian, transit and parking studies, and GIS capabilities. We have assisted municipal clients in coordination with agencies such as MDC DTPW, MDT, MDC TPO, and FDOT.

Surveying and Mapping. Our basic method for completing task assignments under any general services contract for surveying and mapping includes the following approach:

Project Set-Up and Research: Upon receipt of work order requests from the City, the KCI team will prepare work order estimates including confirmation of scope, proposed schedule and man-hour estimates. Work order estimates will be prepared on a timely basis in accordance with the City's request and submitted for review and/or comment. Upon receipt of a written notice to proceed or a letter of authorization from the City, KCI will attend a kick-off meeting between City staff and the KCI team, if required.

Our professionals will confirm the project schedule for all activities. This schedule is based on the project scope, site conditions, deliverables (title reports, planimetrics, etc.) and immediate staffing availability. Our field and office staff will meet with the project manager to completely discuss the scope of project to ensure that our survey efforts are on track, as well as to assign duties and review project specifications.

Preliminary Site Visit: The KCI team will perform site visits to obtain a visual determination of issues and site constraints. The site visit may reveal certain problem areas that may not have been accounted for without an actual field visit. Photos will be taken, and notes will be made on mark-ups of aerial photos.

Field Surveying Efforts: Our field crew coordinator is responsible for scheduling, monitoring, and reviewing all field activities under the direction of the project surveyor. Field surveys are carried out using the latest data collection equipment and procedures. This effort includes the utilization of total stations and electronic data collectors utilizing data collection programs.

KCI's crews are fully proficient in utilizing field codes. All the data collectors used in the collection of field data possess the ability to send data via the internet. This allows the survey information, along with pictures and other data, to be sent and received from the field without trips to the local office. This helps in the troubleshooting and correction of unforeseen circumstances that arise in the process of performing our survey work. This information, along with all office-produced sketches and files, can be shared on a KCI SharePoint site. The information can be viewed and discussed with the client in a quick and seamless manner. We believe these resources increase productivity and accuracy and allow our high-quality product to be delivered on time.

The data obtained in the field by the use of GPS, total station equipment, TDS data collection system, or mobile and terrestrial LiDAR will then be processed and checked by the field crew supervisor before it is turned over to the office survey department for final preparation of the survey. The surveying software will utilize the City's field codes and block definitions. A quality control review is first performed by the field crew chief. The field crew coordinator will perform a subsequent review and the project surveyor will follow up with a final review. These quality control reviews are performed before the field survey information is transmitted to our office staff to correct errors and monitor field procedures.

Drones for Survey: Using drones for land surveying is a relativity new technique but the science behind it is as old as surveying itself. Using photogrammetry to extract 3D linework is nothing new; the main change is the equipment that is used. In the past, surveyors would have to contract out a full-sized fixed wing aircraft or a helicopter to collect the data, but now can use smaller unmanned aircraft systems (UAS) for rapid deployment.

This now allows for the use of technology in areas that were previously too remote and/or costly. With these advances, we are now seeing this technology being used more and more. To be able to have high resolution imagery for a project or for calculating volumetrics for cut and fill on stockpiles, the UAS have become a great tool in the surveyor's arsenal.

Office Survey Procedures: The field survey data is "moved into the office" for processing, creating drawings, and calculations. A professional surveyor and mapper, as well as the project surveyor, will supervise the office effort for conversion of the field information into a completed survey document. The project manager will coordinate all calculations, CADD assignments, coordinates field to office efforts, and reviews projects for final submittal to the project manager. Depending on the size of the project, both the field and office work effort will be performed simultaneously.

The project manager reviews and discusses all completed projects with our team members to ensure that they meet the City's goals and requirements. The office survey effort also undergoes a quality control review process. Our team will ensure quality control reviews are conducted. Once the quality control officer is satisfied with the product, the project manager will review the survey documents to ensure that they meet Standards of Practice and conform to Rule 5J-17 of the Florida Administrative Code. The project manager is the final step in our quality control process to ensure exceptional results for the City.

No survey and mapping project is complete without the delivery of the final product to the City for its review, use and acceptance of the project and final deliverable.

Utility Engineering

Water/Wastewater. Within the tri-county area, KCI has provided a wide range of engineering design, permitting, construction phase services and final certification for water and wastewater projects. This experience has been provided out of the Fort Lauderdale office over the last 40 years. One of the largest utility projects was provided on the WaterWorks 2011 project for the City of Fort Lauderdale. It included $555 million water and sewer infrastructure upgrades. Regarding water systems experience we not only have we been intricately involved in the entire flow path of potable water (from the reservoir and creek source to the treatment and storage then to the distribution and fixtures), but we have also been involved in all the sequential phases associated with this work. From the planning and funding phases leading to conception and final design and then as construction managers and inspectors out in the field, KCI is working with municipalities to ensure quality CIP projects. After the projects are completed, KCI stays heavily involved in the ongoing maintenance operations and asset management programs required to maximize the efficiencies and service life of this all-important type of infrastructure. KCI has capability and experience with water main extensions, water main upgrades of existing systems as well as water treatment plant expansions. KCI wastewater system expertise falls within areas of septic tank elimination systems, new sewer gravity collection systems, lift station feasibility studies, conversions from existing "can lift stations" to submersible lift stations, aerial gravity sewer crossings, force main upgrades and replacements, and wastewater treatment plant upgrading and expansions.

Stormwater. KCI provides stormwater services to municipalities from project specific to city wide master plans. We implement some of the latest technology such as Interconnected Channel and Pond Routing Model (ICPR V4) and/ or Hydrologic Engineering Center's River Analysis System (HEC-RAS) to develop of a comprehensive model to evaluate and design or stormwater improvements. We are aware of the flooding issues the City is experiencing with sea level rise, population density, king tides and storm surges. We have been helping communities mitigate these incidences through implementation projects and master plans. Recommendations have included culvert and pipe upsizing modifications, pumps gates, tidal flap valves, duckbill, and adding additional conveyance and treatment capacity.

KCI is known as the industry leaders in the delivery of stormwater and drainage projects. Our experience includes, but is not limited to, existing storm sewer system analysis, evaluation and performance analysis, flood impact assessment, hydrological and hydraulic modeling, drainage design, water quality investigations, coastal engineering, and mapping of flood inundation limits. Our work involves riverine modeling, performing stream restoration and water balance modeling and mass balance calculations, proposed drainage design, traditional drainage design services for various municipalities, land development, and transportation projects with activities including drainage pipe systems, bridges and culverts, erosion control design, cost estimating, construction document preparation, specification writing, SWPPPs and permit application, performing seepage and scour analyses, feasibility studies, steady-state and dynamic groundwater flow modeling, and watershed and natural resource assessments. KCI has proven experience with industry-specific water resources software, including but is not limited to, ArcGIS, MODFLOW/Groundwater Vistas, HEC-RAS, HEC-HMS, ICPR, SWMM, MIKE, MIKE-SHE, InfoWater, StormCAD/CivilStorm, WaterGEMs, AutoCAD, Microstation, etc.

Water Resources Engineering. KCI and the KCI team has extensive experience in Water Resources Engineering whereby we have assisted numerous municipalities in supplying water for human consumption (from underground aquifers, i.e. wellfields and lakes/reservoirs) , removing water wastewater (gray and black water) and developing methods of avoiding damage from excess water (ponding and flooding) from excessive rainfall events , i.e., tropical storms and hurricanes and excessive inundation due to recent experiences of sea level rise. Water resources engineering entails the combination of addressing potable water, wastewater, stormwater management and hydrological and hydraulic engineering.

KCI provides management of water resources into five steps: initiating, planning, executing, monitoring and controlling, and closing. The knowledge that project managers must apply during the process falls into the following categories: integration, scope, time, cost, quality, procurement, human resources, communications, risk management and stakeholder management. KCI has provided these services to hundreds of municipalities throughout the United States as well as those locally here in South Florida.

Structural Engineering

Whether partnering with government agencies or working with developers, contractors and private enterprises, our team provides structural engineering and design services for new construction, rehabilitation and historic restoration projects. We prepare detailed plans, specifications and estimates; conduct condition assessments; determine load ratings; process permit applications for overweight vehicles; and prepare and review shop drawings.

Our engineers perform preliminary and final design reviews on behalf of our clients for designs prepared by other consultants. KCI's experience ranges from golf cart bridges spanning scenic country club ponds to dual, multi-span steel and concrete structures with architectural treatments and decorative lighting. These innovative bridges encompass virtually every type of structure, including steel I-girders, horizontally curved girders, prestressed concrete beams, prestressed concrete hollow cored slabs, bulb tees, steel trusses, and timber bridges. Other structures include retaining and noise walls, culverts, tunnels, high-mast lighting foundations and overhead signage.

Kittelson & Associates, Inc.

Our Practice. Whether we're recommending improvements for a single intersection or helping communities plan for automated vehicles, we love tackling transportation challenges through planning, operations, design and research. We're a diverse, interconnected group of people working nationwide and operating as "one office in many locations."

It all started more than 30 years ago, when founding principal Wayne Kittelson realized his dream to create an environment where transportation experts could collaborate through meaningful work, empower their communities and grow as individuals. While we've expanded since then, our unwavering values have always guided our approach.

Research. Continually striving to "raise the bar" in the profession is one of our longstanding values. We do this in many ways, including our commitment to meaningful and lasting participation in local, regional, and national research that dates back to our early days as an organization. We are proud to have authored many of the manuals and guidance documents that are used in the transportation profession, and we are also energized to put that work into practice each and every day.

05. Methodology and Approach

KCI Technologies has served multiple communities in the Florida Keys for over 20 years, and we have have worked diligently to develop a robust and thorough understanding of how each municipality, and Monroe County needs, and wants, projects delivered. KCI used this extensive firsthand knowledge in the successful execution of assignments issued under our previous General Engineering Services Contract with the City of Key West. We have gained even deeper understanding of the unique culture and practices established in the City of Key West and have developed lines of communication and relationships necessary to deliver high-quality, cost-effective, on-time engineering services for the City.

Knowledge of our clients' processes and those elements that drive project success

Our team has a thorough knowledge of the various manuals, standards, and guidelines outlined in the current master plans, studies, local rules, regulations, and manuals.

The elements that drive the City projects and schedules are critical in coordinating multi-discipline projects and meeting delivery goals, including:

- Construction Milestones
- Environmental Compliance
- Experience with Best Practices in Construction - "Lessons Learned" are effectively put into practice to ensure that both typical and unique construction issues are anticipated. Our deep experience enables us to head many issues off before they occur, thus saving potential delays, costs, and claims.

Successful delivery for this "on-call" contract requires a team that has the expertise to address any type of project(s), meet all expectations and reach successful completion under any schedule required, including possible multiple assignments at the same time. KCI has this expertise and is uniquely qualified to fulfill this contract. We have contributed to a wide range of projects throughout the state of Florida – from mega-construction endeavors, valued at over $200M, to small culvert replacement, pavement rehabilitation, and bicycle/pedestrian facility designs.

We pride ourselves on being adaptable and responsive to the needs of our clients. We have the flexibility to fashion our approach to meet all technical and non-technical requisitions; the ability to immediately "pivot" when conditions change; and can call upon our vast resources to meet any schedule commitment. Our staff's commitment to state-of-the-art technology and practices has allowed KCI to differentiate itself as a deliverer of superior, impactful solutions. KCI is fully equipped and experienced to perform HD 3D LIDAR scanning for all types of projects including, roadway DTM, existing building as-builts, new construction as-builts, historic building documentation, and many others that will benefit The City.

05. Methodology and Approach

Beyond traditional Design-Bid-Build, we have completed numerous projects in Florida using Design-Build (DB), Construction Management at Risk (CM@R), and Public-Private Partnership (P3). During these projects, we worked directly with contractors. Our extensive resume has provided us with a deep understanding of construction means, methods and "what things cost" – from materials, equipment, labor, and general conditions. Our previous experience with the City of Key West and other Keys Municipalities has provided a better understanding of the additional cost, supply chain limitations and scheduling challenges inherent to construction projects in Key West. We will use this knowledge to design every proposal under this contract by first asking "how would a contractor build this most efficiently?" We will craft solutions and develop designs that are economical and constructable with particular consideration for "how will they build this in Key West?"

By having a complete understanding of the processes and associated timelines involved in the projects, activities are thoroughly scheduled from the onset, minimizing the potential for surprises. Combined with carefully controlling project activities using proven project management tools, such as Primavera scheduling, earned value analysis, and proactive communication, KCI nimbly coordinates the many moving parts of a project and deliver without compromising quality.

Flexibility and Approach to Making Adjustments to Schedules

Our approach to project management and coordination revolves around early and frequent communication with all project team members, including City staff, subconsultants, project stakeholders, and the construction contractor. We also emphasize attention to detail - making sure that issues and action items do not slip through the cracks. Integrating the entire team, we use the following approach.

Conduct weekly meetings with City staff and the construction contractor to track construction progress, resolve outstanding action items, and to reinforce City objectives and expectations throughout construction. We produce thorough meeting minutes to accurately dictate discussions, to highlight decisions and resulting action items. and to prompt follow-through. Schedule progress, including milestones and deliverables, is discussed at every meeting.

Prepare a Construction Schedule that addresses staffing and assignments, scope of work, and provides continuity with the Construction Contractor's schedule and other resources. The Construction Schedule allows our team to identify critical, high risk construction activities; identify QCCS reviews; and to ensure appropriate staffing, oversight and attention.

Consistently use project tracking tools, such as Issues Logs, Decision Logs, frequent Progress Reports, schedule updates, earned value graphs, and action plans. These documents are frequently maintained and submitted to all team members and discussed at team meetings.

KCI understands that changes happen. If a change or external force beyond the control of our team members occurs and the project schedule is or could potentially be impacted, KCI will execute the following process:

- Meet with the City Construction Contractor, and other stakeholders to identify and quantify the schedule impediment.
- Review impacts to the construction milestone dates
- Identify project schedule areas that may be accelerated or re-sequenced for further discussion with the Construction Contractor.

This practical understanding of project development is a healthy advantage in any development approach. KCI is always looking for strategies to deal with "what if" scenarios so that when they happen they are non-events—The difference between a problem and a non-problem is the timing.

Flexibility and Approach - Staffing to Meet a Schedule

Collectively, the KCI team brings together our area's industry leaders in specialty construction engineering services. By having disciplines overlapped with resources from two or more firms, our team offers the City a deep bench and wide breadth of Task Leaders, technical experts, and production staff. We have a team accustomed to working on projects anywhere at any time, and if needed we will bring on additional expertise or staff resources at a moment's notice. This contract will be managed primarily out of our Miami Office.

Quality Control - Procedures and Policies

Quality Control is a performance issue. Delivery of quality product is the expectation of all owners hiring consulting firms. At KCI, we understand that process never replaces the actual performance of quality engineering and construction services. However, record-keeping and documentation of Quality Control is paramount for communication of this performance. In-house KCI staff and our subconsultants will provide Quality Assurance Management on our task assignments. These team members' main function is quality assurance - to manage, track, and report on quality control tasks - which benefits the City by ensuring that the Quality Control Plan is followed, thereby eliminating potential conflicting priorities due to workload or otherwise.

05. Methodology and Approach

Our Quality Control Plan establishes policies, procedures and protocols that are implemented independently of the Task Leader, as well as the design and construction staff, to ensure that the work is completed accurately; responds to the program requirements; and provides a means to verify and validate environmental compliance, design, and construction activities through final acceptance during construction. Our Plan emphasizes thorough and traceable documentation demonstrating our quality performance.

Quality Control - Design

Each work order will be provided with a tailored QA/QC plan that details requirements for the following:

- Schedule - Our schedules highlight the QC process and build design development timelines around those appropriately needed for internal and external reviews. This enables the Quality Manager and all checkers and reviewers to time to clearly understand the timing and duration of reviews.
- Check and Review Staffing - Appropriate levels of all checks and reviews are implemented. For each task order, a staffing plan, developed by the Task Leader in consultation with the Quality Manager, is assembled to identify checkers and senior reviewers who will conduct independent reviews of all documents to verify the facts and judgments presented in deliverables; the product's adherence to guidelines and the Work Plan; and the maintenance of QC records.
- Plans and Specifications Review Checklists - We maintain design review checklists for each technical discipline and for each major phase of project development. The Quality Manager ensures that the process is implemented. Review checklists, marked-up check prints, and comment forms are kept on file for easy accessibility.

  Cross-Discipline, Environmental Compliance, and Constructability Reviews are performed prior to submittal of milestone deliverables to ensure compatibility between disciplines, and that designs are constructible and can be permitted. Checklists, certifications, and comment forms are also completed for these reviews as necessary.
- Reports, Design Calculations, and Comment Review Forms - All reports and design calculations are reviewed by senior staff. Reviewers initial the marked-up report and complete a comment review form. Comment forms are completed for all reviews and submitted to the designer and Quality Manager, who is responsible for tracking review comments, responses, and facilitating closure of unresolved issues. Design reviewer's backcheck all revisions and note that all design comments have been resolved in an agreeable manner.
- Progress Meetings - Proactive and regular use of meeting minutes and action and decision logs resolve project issues that left unattended can hamper review processes. Focused Design Review meetings, attended by project staff, are also conducted to discuss resolution of comments.
- Quality Assurance - For each project, a team member will be assigned to assure the QC process was met. They will regularly check in with City to make sure our team is providing exactly what you need, meeting all contractual obligations, and exceeding your expectations for quality and responsiveness.

Quality Control - Construction

The role of the Construction Engineering & Inspection (CEI) Task Leader will include daily coordination with the Prime Contractor and specialty subcontractors, overseeing QC testing and inspection activities, maintaining and reviewing QC documentation, and resolving non-conformances. In addition, the CEI Task Leader will provide the City with reports and briefings as to the overall status of the project schedule, quantity and quality of the work.

Activities in which our team has developed specific procedures and methods of documentation include:

- Daily Progress Reports
- Material Certifications
- Quantities Review
- Inspection and Testing
- Plans Monitoring and Maintenance
- Quality Assurance
- Contractor/Contract Oversight

06. Personnel

Bryan Wilson, PE

Project Manager / Civil Engineering
Task Manager

Years of Experience: **36**

Certifications & Registrations

PE / FL / 43447 / 1990

Education

BS / Civil Engineering / Auburn University

Mr. Wilson has extensive experience in the design and management of highway transportation projects in Florida and South Carolina. Mr. Wilson joined the consultant industry in 1994 after nine years with the FDOT. His project experience encompasses all aspects of highway design from pavement rehabilitation to limited access interchanges and managed-lane facilities delivered in both bid-build and design-build formats.

Project Experience

City of Key West, Simonton Street Resurfacing, Restoration, and Rehabilitation - Key West, FL. Project Manager. Engineering design services for this project included design, analysis and agency coordination required to provide construction documents for the milling and resurfacing and ADA sidewalk restoration of approximately 0.80 miles on Simonton Street. The work included design for the requisite roadway improvements, drainage modifications, driveway and ADA ramp modifications, pavement design, maintenance of traffic plans and signing and marking design. The project also included a design topographic survey and survey to establish the existing right of way.

City of Key West, One-Way Street Conversion Feasibility Study - Key West, Florida. Project Manager. KCI worked with the City of Key West on a one-way street conversion feasibility study with the purpose of improving safety and livability while minimizing impacts to street connectivity, traffic operations, and business and resident activities. KCI conducted traffic data collection and performed traffic operations analysis, historical and predictive safety analysis, and an assessment of impact to accessibility for local business. A series of one-way alternatives were developed as part of the study.

Florida Department of Transportation District Four, SR 870/Commercial Boulevard from SR 845/Powerline Road to W Tradewinds Avenue - Fort Lauderdale, Florida. Project Manager. KCI is providing lead design and permitting of the resurfacing of a 3.3-mile segment of Commercial Boulevard from Powerline Road to West Tradewinds Boulevard in Fort Lauderdale and Oakland Park. The project includes pavement design, safety improvements, signing and marking plans, signalization, roadway lighting upgrades, and ITS.

Florida Department of Transportation District Four, Turtle Creek Drive Bike Lane Improvements [437830-1-52-01] - Broward County, FL. Project Manager. Mr. Wilson was the project manager for the design and permitting to provide on street bike lanes and ADA improvements on Turtle Creek Drive, NW 62nd Avenue / NW 31st Street in the cities of Coral Springs and Margate, Florida. The project also provides sharrows markings and updated signing on east portion of corridor on NW31st Street / NW 54th Avenue from SR 7 to Sample Road. The design consists of roadway widening, milling and resurfacing, updated signing and marking, Drainage improvements and utility coordination.

Mark Kline, PE

Civil Engineering — Transportation Engineer

Years of Experience: **39**

Mr. Kline has nearly four decades of engineering design and management experience with projects involving roadway design, transportation planning and land development. Mr. Kline has become proficient in the engineering design aspects of streetscape design, including complete streets. He has expertise in the use of various important design standards and criteria including the Florida Greenbook (Manual of Uniform Minimum Standards for Design, Construction and Maintenance). He has extensive experience in coordinating with the MPO, FDOT, and Martin County.

Certifications & Registrations

PE / FL / 44016 / 1991

Education

BS / Civil Engineering / Ohio University

Project Experience

City of Key West, Simonton Street Resurfacing, Restoration, and Rehabilitation - Key West, FL. Project Manager. Engineering design services for this project included design, analysis and agency coordination required to provide construction documents for the milling and resurfacing and ADA sidewalk restoration of approximately 0.80 miles on Simonton Street. The work included design for the requisite roadway improvements, drainage modifications, driveway and ADA ramp modifications, pavement design, maintenance of traffic plans and signing and marking design. The project also included a design topographic survey and survey to establish the existing right of way.

City of Fort Lauderdale, Las Olas Boulevard Beach Streetscape - Fort Lauderdale, FL. Project Manager. This half-mile improvement consisted of roadway realignment, hardscape treatments, ADA upgrades, landscaping, decorative lighting, signage and improved stormwater drainage for a tourist destination known around the world. KCI provided signing and marking, signalization, landscape plans, drainage modifications, utility coordination/relocation, streetscape, roadway design, planting, custom tree grates, hardscape, irrigation, landscape, pedestrian and street lighting design, tree relocation plans, bidding assistance, and construction management. KCI also prepared engineering design plans for the milling, resurfacing, and reconstruction and widening of SR 842/Las Olas Boulevard from Birch Road to SR AIA/Ocean Boulevard.

Matt Neddeff, PE

Civil Engineering — Transportation Engineer

Years of Experience: **17**

Mr. Neddeff is an engineering professional with nearly two decades of experience. He has provided roadway design services for various FDOT and municipal projects. Mr. Neddeff's involvement in roadway design is as follows: flexible pavement design, development of typical section packages, design of horizontal and vertical geometry, signing and pavement marking design, signalization design, lighting design, utility coordination, work zone traffic control, computation of quantities, specification development, drainage design and scour analysis. He has developed expertise in the use of AASHTO, FDOT and municipality design standards.

Certifications & Registrations

PE / FL / 71611 / 2010

Education

BS / Civil Engineering / University of Florida

Project Experience

City of Key West, One-Way Street Conversion Feasibility Study - Key West, Florida. Project Engineer. KCI worked with the City of Key West on a one-way street conversion feasibility study with the purpose of improving safety and livability while minimizing impacts to street connectivity, traffic operations, and business and resident activities. KCI conducted traffic data collection and performed traffic operations analysis, historical and predictive safety analysis, and an assessment of impact to accessibility for local business. A series of one-way alternatives were developed as part of the study.

City of Key West, Last Mile Bus Stop Improvements (Final Mile LAP Grant) - Key West, FL. Project Engineer. KCI has successfully assisted several clients in obtaining grant awards from sources such as the Florida Highway Beautification Council, FDOT LAP, the Broward Beautiful Program and the Miami-Dade County Landscape Committee. We have also worked with the City of Fort Lauderdale (Florence Hardee Park), and the City of Miami Gardens (Bunche Park and Rolling Oaks Park) to obtain awards from the Florida Community Trust Land Acquisition, Florida Recreation Development Assistant and Broward County Land Acquisition Program.

Ben Hoyle, PSM

Civil Engineering — Surveying & Mapping

Years of Experience: **22**

Mr. Hoyle is a project surveyor with over two decades of experience throughout the state of Florida. His experience includes transmission line route surveys, preparation of easements via sketch and legal description, ALTA/NSPS surveys, boundary surveys, construction layout, topographic surveys, hydrographic surveys, bathymetric surveys, as-built surveys, and 3D modeling. Mr. Hoyle has experience in today's newest state-of-the-art software and equipment including AutoCAD, TDS collection, dual-frequency/survey-grade GPS, and terrestrial LiDAR scanning equipment and software.

Certifications & Registrations

PSM / FL / LS6769 / 2009

Education

BS / Engineering Technology / University of Central Florida

Project Experience

City of Miami Beach, Madeleine Village Apartments – Stormwater Design and Permitting - Miami Beach, FL. Project Manager. The scope of work required multi-disciplinary services, including boundary and topographic survey, roof replacement, interior sidewalk replacements, landscaping improvements, interior architectural upgrades, and site work improvements. The civil work included designing a stormwater system due to sheet flow restrictions resulting from the City's new elevated seawall at the rear of the property adjacent to the Intracoastal Waterway. Permitting for the new surface water management system required a Class II Permit from Miami-Dade County RER. Work also entailed permitting, bidding services, construction phase services, and final certification. Mr. Hoyle provided boundary and topographic survey services on this project.

Miami-Dade County, Miscellaneous Survey and Mapping Services Contract - Miami-Dade County, FL. Project Manager. KCI has performed multiple projects that include stormwater infrastructure surveying services to include the location, measurements, and status inspection of the following types of structures: catch basins, manholes, grease interceptors/structures, outfalls, and culverts on SW 130th Avenue (from SW 27th Street to SW 42nd Street), boundary survey for Parcels 1 & 2, boundary and hydrographic survey for Card Sound Road, staff gauge installation, topographic and bathymetric survey of Card Sound Road and Card Sound Canal, topographic and bathymetric survey of Florida City Canal, topographic and hydrographic survey of the beaches, topographic survey Wagner Creek, and post-construction topographic and hydrographic survey at the beaches.

Michael McKay

Civil Engineering — Surveying & Mapping

Years of Experience: **30**

Mr. McKay is a project surveyor with over 30 years of experience including over 20 in project management with state and municipal contracts. He is a graduate of College of Geographic Sciences Geomatics Technology Program. Mr. McKay is directly involved in field operations and is experienced and knowledgeable in both conventional methods and current technology including GPS, the latest LiDAR technologies and office processing software.

Certifications & Registrations

N/A

Education

BS / Civil Engineering / University of Florida

Project Experience

Village of Key Biscayne, Master Island Survey - Key Biscayne, FL. Survey Manager. KCI provided surveying and mapping services for this project that involves mapping all publicly-owned ROW. KCI set survey control on 24 miles of roadway and mapped it with mobile, aerial, and terrestrial LiDAR 3D laser scanners. KCI also established the finished floor elevation of every building in the Village, more than 1,600 structures. KCI produced the location and height of 5,000 trees in the ROW. This data was used by designers, architects, engineers and contractors for stormwater utility and ROW improvements. KCI also prepared 18 bridge surveys from Cocoa Beach to West Palm Beach to assist in hydraulic analysis.

SR 870/Commercial Boulevard from SR 845/Powerline Road to W Tradewinds Avenue - Fort Lauderdale, FL. Survey Manager. KCI is providing lead design and permitting of the resurfacing of a 3.3-mile segment of Commercial Boulevard from Powerline Road to West Tradewinds Boulevard in Fort Lauderdale and Oakland Park. The project includes pavement design, safety improvements, signing and marking plans, signalization, roadway lighting upgrades and ITS. ITS improvements include adaptive traffic signal control (ATSC), upgrade of cabinets, detection systems, and other ITS components (i.e., ADMSs, CCTV cameras, etc.) and communications improvements (fiber), as well as Automated Traffic Signal Performance Measures (ATSPMs), providing high resolution data-logging capability for signal timing efforts and other performance metrics.

Jessica Keller,

ENV SP | **Kittelson**

Civil Engineering — Transportation Engineer & Planner

Years of Experience: **23**

Ms. Keller is an Envision Sustainability Professional with over two decades of experience in public and private sector policy, engineering & planning, administration, and operations. Her work has focused on the intersection of transportation and sustainability and has extensive experience coordinating non-profits, community organizations, private industry executives, state legislators, state and federal agencies, and municipal governments to deliver sustainable and resilient projects and programs. Prior to joining Kittelson, Ms. Keller spent seven years as the Assistant Public Works Director for the Sustainable Public Infrastructure Division for the City of Coral Gables, Florida.

Certifications & Registrations

ENV SP

Education

ME / Project Management and Transportation Planning / University of Maryland, College Park
BS / Environmental Analysis and Planning / Frostburg State University

Project Experience

Citywide Multimodal Transportation Plan - City of Coral Gables, FL. Ms. Keller developed the vision, plan and led the implementation of the City's multimodal plan. The plan included the design and construction of urban trails, greenways, sidewalks, bike facilities, and over 100 traffic-calming devices in neighborhoods. *Completed with a different employer

NE 16th Court Traffic Calming - City of Fort Lauderdale, FL. Ms. Keller developed the traffic calming concepts for the community that had initially rejected all previous recommendations by the City. The recommendations along the corridor were unanimously approved by the community association. She is also leading the design phase of the project.

Biltmore Way Complete Street - City of Coral Gables, FL. Ms. Keller led the community engagement process and alternatives analysis components that included parking utilization rates analysis. **Prior to Kittelson.*

Design and Construction of Bicycle Master Plan - Baltimore MD. Ms. Keller led the implementation of a plan that created an integrated network of bicycle lanes to encourage bicycling as a viable commuting option. Implementation included public engagement, existing infrastructure analysis, design, and construction. **Prior to Kittelson.*

Brandon Kelley,

PE | **Kittelson**

Civil Engineering — Transportation Engineer & Planner

Years of Experience: **14**

Mr. Kelley has served as design engineer and project manager on numerous transportation infrastructure projects, including roadway widenings, intersection improvements, roundabout designs, complete street redesigns, lane repurposing projects, shared-use path projects, civil site projects, and drainage infrastructure improvement projects. He understands the importance of providing municipalities and their communities with innovative and buildable projects.

Certifications & Registrations

PE / FL / 88997

Education

MS / Civil Engineering / Ohio University
MBA / Business Administration / Kennesaw State University
BS / Civil Engineering Technology / Southern Polytechnic State University

Project Experience

Pine Tree Drive Conceptual Design - Miami Beach, FL. Kittelson is developing several typical section alternatives for 3.1 miles of Pine Tree Drive between 23rd Street and 63rd Street. purpose of the project is to provide continuous bicycle and pedestrian facilities, improve safety for cyclists and pedestrians and reduce speeds.

Malabar Road Project Development & Environment Study from St. John's Heritage Pkwy to Minto Road - City of Palm Bay, FL. The Malabar Road project is evaluating the widening of a 4-mile section of Malabar Road. The two-lane highway is mostly residential and rural with some industrial locations at major intersections. Mr. Kelley prepared concepts for the PD&E which include two-to-four-lane widening alternatives and four multi-lane roundabouts.

Hickory Street - Melbourne, FL. Kittelson developed a concept plan for the Hickory St. Complete Streets Design project, which included bicycle facilities, a pedestrian circulation plan, roundabouts, and a festival street. The project advanced into the final design as a LAP Project. Mr. Kelley was involved in all design facets of landscaping and signing and marking design. Construction was completed in 2020.

SR 434 Final Design - Oviedo, FL. This LAP project includes the final design of proposed roundabout alternatives developed during the SR 434 conceptual design. The project includes two multi-lane hybrid roundabouts at Mactavandash Drive and Hammock Lane and one single-lane roundabout at Artesia Street. Kittelson is providing geometric design, signing and marking, and signal design for the project. Mr. Kelley is serving as the Kittelson project manager and overseeing the development of all design components.

Jessica Josselyn

Kittelson

Civil Engineering — Transportation Engineer & Planner

Years of Experience: **19**

Trained as a civil engineer, Ms. Josselyn discovered a passion for planning several years into her career. Her expertise in engineering and planning gives her the ability to carry out planning processes with an in-depth understanding of future phases, such as operations or design. She has a keen ability to think through and solve complex technical issues without losing focus on the big picture and community values, which results in projects moving from planning to implementation.

Certifications & Registrations

N/A

Education

BS / Civil Engineering / Rensselaer Polytechnic Institute

Project Experience

US 1 Corridor Planning Study from Kendall Dr. to I-95 - Miami, FL. The US 1 Corridor Planning Study was completed to improve congestion, safety, multimodal connectivity, and livability, while incorporating complete street principles and enhancing transportation modes. As project manager, Ms. Josselyn led the planning process, which addressed significant recurring safety issues and identified multimodal mobility needs with complimentary recommendations for implementation. During the public outreach efforts, Ms. Josselyn developed and executed one of the District's most responded to outreach surveys; at the closing of the survey, over 830 people had participated and showed support for the team's recommendations.

Fort Lauderdale Traffic and Transportation Engineering - Fort Lauderdale, FL. Ms. Josselyn is managing the City of Fort Lauderdale Transportation and Mobility (TAM) Department on-call contract that is focused on advancing the City's strategic plan initiatives. As part of each task order, Ms. Josselyn is responsible for the scope, schedule, and budget adherence. She has successfully been able to execute multiple task orders at one time due to her ability to effectively manage resources across the firm and South Florida offices. Her track record has been very positive and some of the products have become the example template for future similar work. Each task order is multimodal in nature and is assisting the City in reaching their goal of becoming a pedestrian-friendly city.

FDOT District Six, FDOT D6 Context Classification Outreach Workshops - District Six, FL. After the FDOT District Six Context Classifications Document was adopted, FDOT District Six conducted outreach workshops to share the complete streets initiative and the new Context Classification System with partner agencies and other transportation industry professionals. Ms. Josselyn managed and facilitated the workshops. Two workshops were held: one for Miami-Dade County and one for Monroe County. Workshop attendees applauded the effort and expressed gratitude for Ms. Josselyn's ability to actively listen and respond to the FDOT transportation partners' questions and requests.

Jacob Mirabella,

PE | **Kittelson**

Civil Engineering — Transportation Engineer & Planner

Years of Experience: **10**

Mr. Mirabella is an experienced project manager with expertise in transportation planning, traffic operations, and safety. He has direct experience building traffic simulation models, determining intersection and roadway segment levels of service, and identifying safety and operational improvement alternatives. He also has extensive experience conducting traffic impact studies, developing roadway concepts for traffic impact fee program calculations, performing signal warrant studies, evaluating sight distance and line of sight requirements, conducting parking studies, analyzing traffic operations, and providing safety recommendations.

Certifications & Registrations

PE / FL / 84674

Education

MS / Civil Engineering / University of South Florida
BS / Civil Engineering / University of South Florida

Project Experience

Development Review Services - City of Fort Lauderdale, FL. Mr. Mirabella leads Kittelson's support of the City's development traffic study peer reviews as part of an on-call contract. Peer reviews include methodology memorandums, traffic impact studies, parking studies, and attendance at meetings with applicant development teams to discuss study approaches, findings, and recommendations.

Colonial Oaks Traffic Calming - Sarasota, FL. Mr. Mirabella reviewed previous complaints, analysis, and recommendations for traffic calming on Colonial Oaks Boulevard. The team worked with residents and the City to develop a preferred alternative to reduce vehicle speeds along the two-lane roadway. **Prior to Kittelson.*

Traffic Study and Simulation for MLK Resurfacing Concepts - St. Petersburg, FL. Mr. Mirabella worked closely with City staff to conduct HCM and microsimulation analyses for multimodal improvement alternatives focusing on traffic calming and improving pedestrian and bike access. He also prepared a technical memorandum and presentations identifying the findings and recommendations. **Prior to Kittelson.*

Midtown Plaza Shared Parking Analysis - Sarasota, FL. Mr. Mirabella conducted shared parking due diligence analysis for multiple site plan alternatives. Findings were documented in a technical memorandum and submitted to the City for approval. **Prior to Kittelson.*

Robert Zuccaro, PE, ENV SP, FSESCI

Utility Engineering Task Manager

Years of Experience: **41**

Certifications & Registrations

PE / FL / 17931 / 1998

Envision Sustainability Professional (ENV SP) / 43122

FDEP Stormwater, Erosion & Sedimentation Control Inspector

Education

BS / Civil Engineering / Clarkson University

Mr. Zuccaro has nearly four decades of experience on a wide range of successful engineering projects by providing planning, design, permitting, construction phase services, and final certifications. His experience is in land development, transportation, and environmental projects. Mr. Zuccaro has been a project manager for a wide range of governmental and private sector clients. He has supervised the design, planning, platting, surveying, permitting, specifications, contract administration, construction observation, record drawings, final certifications for medical facilities, airports, roadways, water and sewer systems, lift and pump stations, sewage treatment plants, and marinas.

Project Experience

City of North Miami Beach, Washington Park - North Miami Beach, FL. Utility Manager. KCI is providing professional landscape architectural, civil, and survey services to the City of North Miami Beach in support of the complete replacement of Washington Park. The park is located in the City's historic neighborhood of the same name. The park will include a community center, pool and splashpad, playground, covered basketball courts, restrooms, parking, multi-purpose field, landscape, and irrigation.

City of Miami, Little Haiti Soccer Park - Miami, FL. Project Manager. KCI provided programming and design improvements to upgrade this existing park with a synthetic field, including pathways, exercise stations, shade structures and construction specifications and construction observations. KCI provided landscaping, paving, grading, and drainage for this project. Stormwater management included the installation of an exfiltration self-contained drainage system. Stormwater permitting was required through Miami-Dade County DERM (RER).

City of Fort Lauderdale, SW 8th Street Sanitary Sewer and Water Main Improvements - Fort Lauderdale, FL. Project Manager. The City's Engineering Division engaged KCI to assume the role of engineer of record for the scope of work including existing utility research, plan and profile sheet creation, permitting, specification preparation, bidding, construction administration, construction observation and final certification for the installation of a new six-inch water main and new eight-inch gravity sanitary sewer main. The project involved close collaboration with City officials in the design review process and with residents in the transfer of existing services to the new facilities without interruption of services.

City of Fort Lauderdale, Victoria Park 'A' and 'B' Small Water Main Improvements - Fort Lauderdale, FL. Project Manager. Under the existing Continuing Contract for Civil Engineering Services, KCI was engaged to assume the role of design engineer of record for the City's Victoria Park 'A' (North) and 'B' (South) Small Water Main Improvements Projects. 'A' included the installation of approximately 24,000 linear feet of eight-inch water main to replace existing two-inch water mains within the City's residential neighborhoods (north of NE 6th Street between NE 7th and NE 20th Avenues). 'B' included the installation of approximately 29,000 linear feet of an eight-inch water main to replace existing undersized two-inch water mains (within the City's residential neighborhoods south of NE 6th Street between North Federal Highway and NE 17th Avenue).

Nicholas Leone,

PE, FSESCI

Utility Engineering — Water/Wastewater, Stormwater

Years of Experience: **14**

Mr. Leone's engineering experience encompasses a wide range of development projects for both public and private clients at all stages of a project's life cycle. Mr. Leone's primary experience lies in grading and drainage design, site layouts and geometry, pavement design for both PCC and bituminous pavements, utility design, and rehabilitation projects. He also served as the client manager for several Authorities, where he developed 10-year capital improvement plans (CIPs), master plans, and grant applications to secure funding through both federal and state development grants.

Certifications & Registrations

PE / FL / 85655 / 2018
FDOT Airfield Pavement Inspection
FDEP Stormwater, Erosion & Sedimentation Control Inspector

Education

BS / Civil Engineering / University of Pittsburgh
BS / Mathematics & Science / Indiana University of Pennsylvania

Project Experience

Commerce Center of Coconut Creek Association, Inc., Master Drainage Improvement - Coconut Creek, FL. Project Engineer. The Commerce Center of Coconut Creek, located in Broward County, consists of 105.23 acres of land located in the 2,200-acre Cocomar NW drainage basin. KCI analyzed the environmental and stormwater impacts of proposed site improvements to the Commerce Center of Coconut Creek, with the purpose of providing a master plan drainage infrastructure design to accommodate the impacts. As part of this analysis, KCI modeled the entire Cocomar NW Basin watershed and permitted the proposed improvements.

Butters SA, LLC, Butters Stormwater Master Drainage - Pompano Beach, FL. Project Engineer. KCI will modify the current ICPR4 model for the entire 69.3-acre Gold Coast Plat, inputting the new site characteristics for the Wave Garden parcel as indicated on the new Conceptual Site Plan 28 prepared by HIM Architecture, provided to KCI by the Client. The model will assume that the O'Connor parcel will be excavated to the full 80-acre lake surface area and 1.6-acres of lake bank per the 1989 master permit. Subsequent to re-running the model, KCI will analyze the data and compare impacts on all properties within the Gold Coast Plat (including Broward County's N. Andrews right-of-way and portion of NE 15 Street). The analysis will include assessing impacts on drainage structures, pavement elevations, flow rates through the water control structure, finished floors, and perimeter berms for compliance with the current master permit.

Jonathan Geiger,

EIT, ENV SP

Utility Engineering — Water/Wastewater, Stormwater

Years of Experience: **7**

Mr. Geiger worked in Virginia for two years as a civil project engineer for firms that provided ground improvement services and utility design, before moving back to Florida and joining the KCI team in 2017. He has worked as an engineer-in-training on both private and government projects in Broward County that have involved civil site and utilities design, permitting at both the state and local levels, and construction phase services. Mr. Geiger is experienced with AutoCAD, and has experience working in the field in construction, furthering his understanding of the engineer-contractor relationship.

Certifications & Registrations

EIT / FL / 1100018738
Envision Sustainability Professional (ENV SP) / 39902

Education

BS / Civil Engineering / University of Central Florida

Project Experience

City of Miami Beach, Madeleine Village Apartments – Stormwater Design and Permitting - Miami Beach, FL. Project Engineer. The scope of work required multi-disciplinary services, including boundary and topographic survey, roof replacement, interior sidewalk replacements, landscaping improvements, interior architectural upgrades, and site work improvements. The civil work included designing a stormwater system due to sheet flow restrictions resulting from the City's new elevated seawall at the rear of the property adjacent to the Intracoastal Waterway. Permitting for the new surface water management system required a Class II Permit from Miami-Dade County RER. Work also entailed permitting, bidding services, construction phase services, and final certification. The project was initiated through the City's Housing and Community Services Division as a contributing property to the North Shore Historic District in Miami Beach.

City of Fort Lauderdale, SW 8th Street Sanitary Sewer and Water Main Improvements - Fort Lauderdale, FL. Project Engineer. KCI assumed the role of engineer of record and the project scope included single family residences' conversion from septic tanks to the new sanitary sewer. The project involved close collaboration with City officials in the design review process and with residents in the transfer of existing services to the new facilities without interruption of services. Pavement restoration and pavement markings and signage were also included in the scope of work. Mr. Geiger assisted in the pre-construction and construction phase services of this project. He performed periodic site visits and inspections during the construction for project permit compliance certification and project close-out on behalf of the Engineer of Record.

Byron Reynolds, EI

Utility Engineering — Water/Wastewater, Stormwater

Years of Experience: **8**

Mr. Reynolds has led diverse teams in various design and construction projects, effectively collaborating with colleagues, consultants and key stakeholders to accomplish all project goals in an accurate, cost-effective and timely manner. Before joining KCI, Mr. Reynolds spent more than six years in the private sector working on commercial development projects gaining experience with the building and planning of buildings, roads, and underground systems, while concurrently preparing construction and environmental compliance documents; developing grading plans, cost estimates, and bid specifications; and providing construction oversight, environmental sampling, and site reconnaissance.

Certifications & Registrations

N/A

Education

BS / Civil Engineering / Florida A&M University

Project Experience

City of Miami Beach, Madeleine Village Apartments – Stormwater Design and Permitting - Miami Beach, FL. Project Engineer. The scope of work required multi-disciplinary services, including boundary and topographic survey, roof replacement, interior sidewalk replacements, landscaping improvements, interior architectural upgrades, and site work improvements. The civil work included designing a stormwater system due to sheet flow restrictions resulting from the City's new elevated seawall at the rear of the property adjacent to the Intracoastal Waterway. Permitting for the new surface water management system required a Class II Permit from Miami-Dade County RER. Work also entailed permitting, bidding services, construction phase services, and final certification. The project was initiated through the City's Housing and Community Services Division as a contributing property to the North Shore Historic District in Miami Beach.

City of North Miami Beach, Washington Park - North Miami Beach, FL. Utility Manager. KCI is providing professional landscape architectural, civil, and survey services to the City of North Miami Beach in support of the complete replacement of Washington Park. The park is located in the City's historic neighborhood of the same name. The park will include a community center, pool and splashpad, playground, covered basketball courts, restrooms, parking, multi-purpose field, landscape, and irrigation.

Ralph Verrastro, PE

Structural Engineering Task Manager

Years of Experience: **46**

Certifications & Registrations

PE / FL / 39784 / 1988

Education

AS / Engineering Science / Broome Community College

BS / Civil Engineering / Cornell University

Mr. Verrastro, specializes in the design, inspection, evaluation, technical supervision, and quality assurance/quality control for design and construction phase services for projects related to bridges and miscellaneous structures. His career includes bridge design experience throughout the United States, and he is a registered Professional Engineer in 37 states. Mr. Verrastro is a technical expert in the use of fast-track repair/replacement methods using prefabricated bridge components also known as Accelerated Bridge Construction. He has extensive experience in the evaluation and repair of bridges including historic metal truss bridges and concrete arch bridges. He served as the Specialty Structural Engineer for over 500 bridge structures throughout the USA working as a consultant to precast concrete manufacturers. He frequently provides technical presentations on engineering topics at industry conferences including the International Bridge Conference and the National Accelerated Bridge Construction Conference. Mr. Verrastro received the statewide Engineer of the Year Award from the Florida Engineering Society (FES) in 2018.

Project Experience

City of Bonita Springs, Miscellaneous Structural Engineering Services - City of Bonita Springs, FL. Project Manager. KCI was selected by the City of Bonita Springs to provide "on-call" bridge/structural engineering services under a continuing professional services agreement in July of 2018. A recent assignment included the preliminary design of five new pedestrian bridges that will be part of two new multi-use trails on Cochran Road and Pauling Lane.

Charlotte County, Ainger Creek (CR 775) Bridge Rehabilitation - Charlotte County, FL. Project Manager. KCI Technologies prepared comprehensive bridge rehabilitation design plans for this bridge. The superstructure for the Ainger Creek Bridge is a continuous, four-span, cast-in-place concrete slab bridge with a total length of approximately 116 feet. The superstructure is supported on pile bents that consist of cast-in-place concrete caps and prestressed concrete piles. The bridge was constructed in 1981 and was widened in 2002. The repairs included: concrete spall repairs, rip rap repair/replacement, undermining repairs at end bents, sidewalk repair/replacement, guard rail replacement, pedestrian railing replacement, expansion joint replacement, and bridge deck repairs.

City of Marco Island, Bridge Utility Pipe Hanger Inspections - Marco Island, FL. Project Manager. KCI Technologies was hired by the City of Marco Island to perform an inspection of the City-owned water and sanitary mains and supporting hangers that are attached to 15 bridges on Marco Island. The inspection findings were documented in a report that provided recommendations for maintenance of the pipes and their supports.

Charlotte County, Emil Sweptson (CR 776) Bridge Rehabilitation - Charlotte County, FL. Project Manager. KCI Technologies prepared comprehensive bridge rehabilitation design plans for this bridge. The superstructure for the Emil Sweptson Bridge is a continuous, 12 span, cast-in-place concrete slab bridge with a total length of approximately 390 feet. The superstructure is supported on pile bents that consist of cast-in-place concrete caps and prestressed concrete piles. The bridge was constructed in 1980. The repairs included: concrete spall repairs, rip rap repair/replacement, undermining repairs at end bents, sidewalk repair/replacement, guard rail replacement, pedestrian railing replacement, expansion joint replacement, and bridge deck repairs.

Rolando Corsa, PE

Structural Engineering — Bridge Design

Years of Experience: **18**

Mr. Corsa has worked on bridge engineering projects in Florida since 2004. He has been responsible for the design of new and replacement bridges and the inspection, evaluation and rehabilitation design of existing bridges. His bridge experience includes the design of 3 and 4 sided concrete box culverts, precast concrete frame bridges, prestressed concrete slabs, prestressed concrete AASHTO and FI-I beams, cast-in-place concrete box post-tensioned bridges, composite steel rolled beam and welded girder bridges, and the inspection and load rating of movable bridges. Mr. Corsa's experience also includes designing miscellaneous transportation structures such as sign and mast arm structures, weirs, temporary bridge steel support towers and sheet pile walls.

Certifications & Registrations

PE / FL / 73191 / 2011

Education

BS / Civil Engineering / University of South Florida

Project Experience

City of Bonita Springs, Pedestrian Bridges Feasibility Study Report - Bonita Springs, FL. Project Manager. This project included an engineering feasibility study and consultation services for multi-use pathways in the City of Bonita Springs, FL. The pathways are proposed to cross existing railroad tracks and required bridges to cross the existing drainage channels and wetland areas adjacent to the railroad tracks. The scope of services included: permitting, evaluation of bridge alternatives, preliminary bridge drawings, opinion of probable cost and a bridge feasibility study report. The primary purpose of the bridge type study report was to evaluate alternative bridge types, sizes and locations for the pedestrian bridges required as part of the proposed multi-use paths. The bridge types evaluated included timber boardwalks, concrete box culverts, prestressed concrete slabs and clear span prefabricated steel trusses. The report provided estimated costs, advantages and disadvantages for bridge type alternatives, and an overview of projected environmental permitting.

City of Naples, Professional Services Library of Consultants - Naples, FL. Project Manager. KCI Technologies was selected by the City of Naples, FL, to provide on-call engineering services under a continuing services agreement in 2019. The potential projects are from the five-year Capital Improvement Program. Currently, we have been selected for 4 projects under this contract that involve bridge inspections, evaluations, and design of bridge repairs.

Andrew Schwarz, PE

Structural Engineering — Bridge Design

Years of Experience: **8**

Mr. Schwarz is a highly-skilled project engineer, whose experience includes pre-cast and cast-in-place segmental bridges (casting yard and form traveler), quality control of concrete mix and testing, grouting of post-tensioning tendons and disc bearings, as well as AutoCAD, specializing in advanced 3D modeling/design, design and retrofit of temporary structures and modeling permanent concrete structures. Mr. Schwarz is also proficient in subcontractor and vendor management and negotiation.

Certifications & Registrations

PE / FL / 86265 / 2019

Education

BS / Civil Engineering / University of Florida

Project Experience

Coral Bay Community Improvement District, Engineering Services - Margate, FL. Structural Engineer. As of 2010, KCI has provided professional engineering services on a continuing basis for the Coral Bay Community Development District (CBCDD) located in Margate, Florida. As district engineer, KCI provides general engineering services and performs engineering, surveying, planning, landscape, and environmental management, and permitting for the community. The CBCDD manages and maintains Coral Bay's streets, sidewalks, landscaping, parks, pools, playground, lakes, and canals for 997 residences and eight Homeowner Associations in the 236-acre community including 71 acres of water management tracts and a 69-acre lake. KCI monitors the surface water management system for the community consisting of 122 catch basins and 20 headwalls community-wide under seven different SWM applications and recently combined all applications under one master permit.

City of Sunny Isles Beach, Collins Avenue Utility Undergrounding - Sunny Isles Beach, FL. Structural Engineer. KCI oversaw part one of a three-part phase project, which consisted of moving trench and installing utility conduits from above to underground. This was a joint participation with Comcast, Atlantic Broadband, Hotwire Communications, FPL and the City of Sunny Isles Beach. Work included nightly roadway closures and deviation in order for crews to access the current assigned area to removing existing road material, trenching underground, installing conduits, adding allowable concrete or cement, and later asphalt that reopened the roadway for the visitors and citizens traveling through a main thoroughfare A1A/Collins Avenue.

07. Qualifications

KCI & Kittelson—A Team

Maryland Transportation Authority
Comprehensive Preliminary and Final Engineering Design Open-End

Statewide, MD

KCI provided preliminary and final engineering design services as required for highway facilities throughout the State under this $6 million open-end contract. Tasks to date included:

I-95/MD 24 Interchange Improvements, Harford County, Maryland - This $1.6 million task assignment involves additional planning-level concept development of interchange and roadway alignment improvements and preliminary and final design for the I-95/MD 24 Interchange to address high volumes of Northbound traffic exiting to Westbound MD 24 and upgrading of the adjacent MD 24/MD 924 intersection to a grade-separated interchange. The projected construction cost is $65 million.

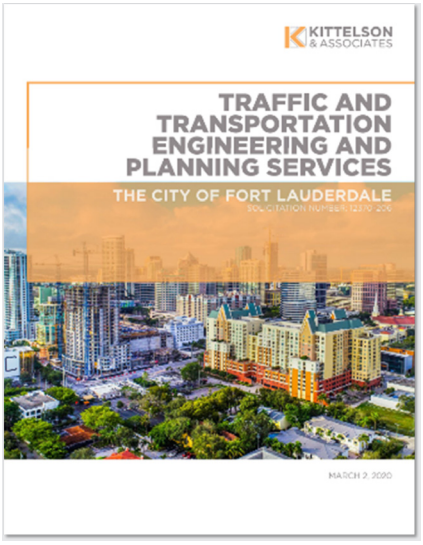
KCI performed additional planning level interchange and roadway alignment improvement concept development and preliminary alignment design based on the traffic operational analysis performed by our subconsultant utilizing VISSIM computer modeling. KCI prepared various alternates to address MdTA's concerns regarding driver expectance and compatibility with future Planning Studies slated for the I-95 corridor.

Geometric alignments were prepared for the urban diamond intersection and revised interchange at MD 924 based on the revised traffic operations modeling, which addressed driver expectation and provided a more conventional interchange option. KCI prepared geometric alignments for a Single Point Urban Intersection (SPUI) at MD 924 for feasibility and potential option merits in comparison to other intersection configurations.

Alignments were developed in accordance with AASHTO 2001 requirements. The alternates were developed to accommodate considerations related to a program for phased development of improvements and considerations to "not preclude" I-95 Section 200 future interchange and interstate improvement options. The alternate developed by KCI during this effort was taken as the Selected Alternate for the project and the development for the selected alternate conceptual mitigation concurrence document. KCI developed 400' scale roll maps to depict the geometric alignments and considerations in a format that was appropriate for a technical meeting presentation and report inclusion.

Presentation materials were prepared, including a wall display sheet and a similar ledger size alignment exhibit with traffic volumes. A cost estimate was prepared for the selected alternate using spreadsheet software and planning level cost analysis methods. KCI prepared information in a manner that was compatible with inclusion into SHA's report for the Selected Alternate Conceptual Mitigation - Concurrence Document.

Kittelson & Associates, Inc. (KAI)



City of Fort Lauderdale
Traffic and Transportation Engineering and Planning Services

Fort Lauderdale, FL

Kittelson has been working with the City of Fort Lauderdale since 2000. In 2011 and 2021, KAI was retained again to conduct Professional Traffic and Transportation Engineering Consultant Services, providing a full array of engineering services. The Transportation services include bi-weekly in-house development review processing; reviews of site plans, traffic studies, parking studies, and methodology statements; and special studies (e.g., a citywide multimodal connectivity plan, neighborhood circulation studies, and a high-level assessment of potential road diets). KAI led Neighborhood Mobility Masterplans that have become the 'example' of neighborhood plans for the City. KAI led the 17th Street Multimodal Corridor Study and continues to provide traffic calming plans for the City.

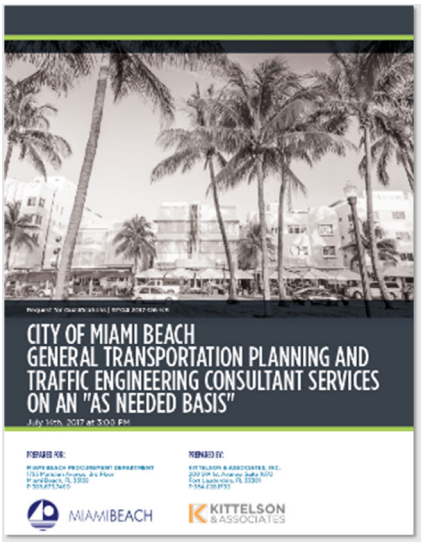
Beyond transportation, Kittelson assembled a large multidisciplinary team to cover the entire scope of the contract. The Kittelson Project Manager assigns tasks, based on areas of expertise, and Fort Lauderdale Project Managers work directly with the discipline leads.

City of Coral Gables
Multimodal Transportation Planning and Engineering Consulting Services

Coral Gables, FL

Kittelson has been working with the City of Coral Gables since 2017, providing Multimodal Transportation Planning and Engineering Services. Kittelson works collaboratively with City Staff, implementing various components of the City's Comprehensive Multimodal Transportation Plan. A signature task is the design of traffic calming devices identified in the Multimodal Plan. The task includes developing concept drawings to include in ballots, community engagement, and the development of construction drawings for each traffic calming device; speed tables, speed cushions, roundabouts, raised intersections, raised crosswalks, and intersection modifications.

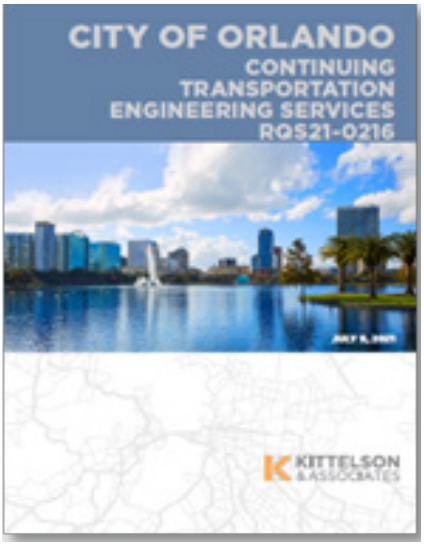
Kittelson assembled a large multidisciplinary team to cover the entire scope of the contract. The Kittelson Project Manager assigns tasks, based on areas of expertise, and Coral Gables Project Managers work directly with the discipline leads.



City of Miami Beach
General Transportation Planning and Engineering Consulting Services

Miami Beach, FL

Kittelson has been working with the City of Miami Beach since 2017, providing Transportation Planning and Traffic Engineering Services. A standout task includes Pine Tree Drive Conceptual Design and preferred alternatives analysis. The purpose of the project is to provide bicycle and pedestrian facilities throughout the 3.1-mile corridor. Circulation, parking studies, pedestrian scrambles, and data collection have been tasked since contract execution.



City of Orlando
Continuing Transportation Engineering Services

Orlando, FL

Since 2000, Kittelson has provided on-call transportation engineering and planning services to the City of Orlando. Typical assignments have included traffic impact analyses, intersection safety studies, signal warrant studies, signal designs, corridor signal retiming, and pedestrian signal upgrades. For the Neighborhood Traffic Management Program, Kittelson was an extension of City of Orlando staff, working with neighborhood associations to develop conceptual plans for implementing traffic calming devices.

Kittelson assembled a large team to cover the entire scope of the contract. The Kittelson Project Manager assigns tasks, based on areas of expertise, and Coral Gables Project Managers work directly with the discipline leads.

08. Representative Engineering Experience and Client

City of Key West General Engineering Services

Key West, FL

Reference: Kelly Crowe, PE | 305.809.3967 | kcrowe@cityofkeywest-fl.gov

Greene Street/Elizabeth Street

Engineering design services for this project include design, analysis and agency coordination required to provide construction documents for the conversion of Greene and Elizabeth Streets to One-Way operation, added a dedicated bike lane to the lane configuration and included drainage modifications to comply with Key West Resiliency Master Plan recommendations. The work for this project includes, but is not limited to traffic analysis of alternative lane configurations, design for the requisite roadway improvements, drainage modifications, driveway and/or ADA ramp modifications, pavement design, maintenance of traffic plans and signing and marking design.

Fee: $201,835

Schedule: 03/2022 - Ongoing

Caroline Street Before ← & After Render ↑

Caroline Street Resurfacing

Engineering design services for this project include design, analysis and agency coordination required to provide construction documents for the milling and resurfacing, Addition of Bike Lanes, drainage modifications, ADA improvements and sidewalk restoration on Caroline Street from Whitehead Street to Elisabeth Street. The work for this project includes, but is not limited to design for the requisite roadway improvements, drainage modifications, driveway and/or ADA ramp modifications, pavement design, maintenance of traffic plans and signing and marking design.

Fee: $201,835

Schedule: 03/2022 - Ongoing

One-Way Street Conversion Feasibility Study

To support community development and tourist activities, KCI has worked with the City of Key West on a one-way street conversion feasibility study with the purpose of improving safety and livability while minimizing impacts to street connectivity, traffic operations, and business and resident activities. KCI conducted traffic data collection and performed traffic operations analysis, historical and predictive safety analysis, and an assessment of impact to accessibility for local business. We have also developed a series of one-way alternatives as part of the study. Phase 1 of the study focused on Elizabeth Street between Caroline and Greene Streets, and Greene Street between Elizabeth and Simonton Streets.

Fee: $32,192

Schedule: 01/2021 - 06/2021

Simonton Street Resurfacing, Restoration, and Rehabilitation

Engineering design services for this project include design, analysis and agency coordination required to provide construction documents for the milling and resurfacing and ADA sidewalk restoration of approximately 4,225 linear feet (0.80 miles) on Simonton Street from Truman Street to Simonton Beach. The work for this project includes, but is not limited to design for the requisite roadway improvements, drainage modifications, driveway and/or ADA ramp modifications, pavement design, maintenance of traffic plans and signing and marking design. The project also included a design topographic survey and survey to establish the existing right of way. The project was completed on time and within budget.

Fee: $117,830

Schedule: 07/2018 - 08/2018

Florida Department of Transportation District Six
Districtwide General Engineering Consultant Services

District Six, FL

Reference: Cristina Kinman-Albury PSM | 305.470.5489 | cristina.kinman@dot.state.fl.us

KCI has managed a Districtwide General Engineering Consultant Services Contract for FDOT District 6 since March 14, 2002. The purpose of the contract is to provide an extension of the District's staff. The scope of the contract includes providing support services and resources in all divisions throughout the District including professional services, planning, public transportation, project development and environmental (PD&E), design, production management, right-of-way services, surveying and mapping services, value engineering, construction engineering management (CEI), LAP services, etc. The following is a list and brief description of some of the Task Work Order assignments completed by KCI.

1. **SR-826 Widening and Reconstruction: Section 2 Design-Build** - Provided design and review support services including writing the Request for Proposal (RFP) document and review of Design-Build team design submittals as well as performing post design services support (RFI response, shop drawing review, etc.) for the Design-Build CEI team.
2. **I-95 Managed Lanes Design-Build** - Prepared conceptual design plans and developed the RFP package, advertisement and supported FDOT District staff throughout the design/build team selection process. Provided post design services to District for the project through the Plan submittal reviews, responses contractor request for information, shop drawing review and design alternative concept analysis.
3. **I-95 Concrete Pavement Replacement Design-Build** - Prepared conceptual design plans and developed the RFP package, advertisement and supported FDOT District staff throughout the design/build team selection process. Provided post design services to District for the project through the Plan submittal reviews, responses contractor request for information, shop drawing review and design alternative concept analysis.
4. **I-95 Pavement Rehabilitation Study and Plans** - Perform analysis and final design for rigid pavement deficiencies along the I-95 corridor in Miami-Dade County.
5. **NW 122nd Street and SR 826 (Palmetto Expressway)** - Perform final design for safety deficiencies at the interchange at NW 122nd Street and SR 826 in Miami-Dade County.
6. **SR-5/US-1/Biscayne Boulevard from NE 13th Street to NE 38th Street** - Perform preliminary engineering and final design services for approximately 2 miles along the Biscayne Boulevard corridor.

Fee: $3,095,070

Schedule: 03/2002 - 12/2018

Florida Department of Transportation District Six
Landscape Districtwide Services Contract

District Six, FL

Reference: Christine Crespo | 305.470.5452 | christine.crespo@dot.state.fl.us

KCI has managed a Landscape Districtwide Services Contract for FDOT District 6 since August 2001. The purpose of the contract is to act as an extension of the District's staff. The following is a list and brief description of some of the Task Work Order assignments completed by KCI.

1. **I-95 through Miami-Dade County** - A 10.5-mile, eight million dollar landscape beautification project for the I-95 corridor through Miami-Dade County to improve the aesthetic character of the corridor, reduce maintenance, enhance interchanges and mitigate the sound wall using 12,000 trees and 186,000 shrubs.
2. **Miami Intermodal Center (MIC), Miami-Dade County** - The MIC is the centerpiece of a $2.25 billion series of projects connected to Miami International Airport with an overhead people-mover. It is a consolidated transfer center for passengers using the airport, commuter trains, rapid transit, buses, and cruise ships in the Port of Miami. Plans included hardscape, planting, lighting, irrigation design and specialty construction observation services for this highly visible transportation node.
3. **LeJeune Road, Miami-Dade County** - This very high profile 22-acre roadway project serves as the gateway to Miami International Airport. Two miles in length, the design included hardscape, landscape, irrigation and lighting design, specifications, construction inspection and project management.
4. **Biscayne Boulevard, Miami-Dade County** - Roadway improvement project encompassing 1.4 miles of Biscayne Boulevard in the heart of old downtown Miami, including drainage, sidewalk, ADA accessibility, utility upgrades and road-widening. Landscape architectural services included the assessment of over 500 trees existing within the project limits, landscape plans, irrigation, and lighting enhancements. Through public involvement events, emphasis was placed on preserving the character and enhancing the pedestrian experience of the Boulevard.
5. **SR 924/NE 119th Street from I-95 to West Dixie Highway** - Standalone landscape project focused on adding low maintenance landscape newly installed medians to help calm traffic along the corridor.
6. **SR 916/NE 135th Street from NW 6th Avenue to Biscayne Boulevard** - Standalone landscape project focused on adding landscape and irrigation to newly installed medians to help calm traffic along the corridor.
7. **SR 5/US-1/Overseas Highway from North of Cow Key Bridge to South of Boca Chica Bridge)** - Standalone landscape project consisting of landscape beautification on Stock Island's portion of the Scenic Highway/All American Byway.
8. **SW 312th Street/Campbell Drive from Krome Avenue to US 1** - Standalone landscape project focused on adding landscape and irrigation to newly installed medians following the roadway realignment for the new Homestead truck bypass.
9. **SR 907/Alton Road from 43rd Street to Westbound SR 112/I-95 / Julia Tuttle Causeway** - Landscape component handling the tree inventory and relocation plans for the Miami Beach maintained landscape impacted by the roadway improvements.
10. **SR-94/Kendall Drive from East of SW 150th Avenue to East of SW 132nd Avenue** - Landscape component plans including tree inventory and relocation plans for the roadway and sidewalk improvements
11. **SR A1A/Collins Avenue from North of Haulover Inlet to South of Bayview Drive** - Landscape component of the RRR project adjacent to Haulover Park consisted of landscape inventory and relocation plans for the new pathway along the beach.

Fee: $2,385,565

Schedule: 08/2013 - 01/2023

Monroe County
On-Call Professional Engineering Services

Monroe County, FL

Reference: Judith Clarke, PE | 305.295.4329 | clarke-judith@monroecounty-fl.gov

Required design services as described in approved individual task work orders as assigned by the County. Assignments included but not limited to surveying, design and permitting associated with intersection improvements, drainage modifications, utility relocations, roadway and sidewalk improvements, lighting and landscaping improvements. The following is a list and brief description of some of the Task Work Order assignments completed by KCI.

1. Monroe County Boat Ramps
2. Card Sound Road Toll Plaza Replacement Design-Build On Call Professional Engineering Services
3. Big Pine Key Welcome Signage (Community Aesthetic Feature)

Fee: $10,815,000

Schedule: 01/2014 - 01/2023

City of Port St. Lucie
Continuing Professional Design Services

Port St. Lucie, FL

Reference: Frank Knott | 772.871.5225 | fknott@cityofpsl.com

Under a Continuing Professional Design Services contract, KCI has developed several projects for the City since 2018. Professional services for these projects have totaled over $200,000 and included the following individual assignments:

1. **Design and Permitting for Southbend Blvd Sidewalk Improvements:** This project had included bridge sidewalk, drainage, and ADA ramp modifications. Within these modifications, CPSL had been provided with a set of contract documents that had consisted of plans, specifications, supporting engineering analysis, calculations, and all other technical documents in accordance with the applicable FDOT/CPSL policy, procedures, and requirements.
2. **Design and Permitting for Paar Drive Sidewalk Improvements:** KCI was the lead design consultant tasked with the design and permitting to provide new sidewalk and ADA improvements on Paar Drive from Savona Boulevard to Daemon Street in Port St. Lucie, Florida. The design consisted of sidewalk design, milling and resurfacing, updated signing and marking, drainage improvements and utility coordination and permitting.
3. **Design and Permitting for Curtis Street Sidewalk Improvements:** KCI was the lead design consultant tasked with the design and permitting to provide new sidewalk and ADA improvements on Curtis Street from Prima Vista Blvd to Floresta Drive in Port St. Lucie, Florida. The design consisted of sidewalk design, milling and resurfacing, updated signing and marking, drainage improvements and utility coordination and permitting.

Fee: $200,000

Schedule: 05/2016 - 06/2019

09. Sworn Statements and Affidavits

THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3883

ADDENDUM NO. 1

Engineering Services RFQ 2022

This addendum is issued as supplemental information to the Request for Qualifications package for clarification of certain matters of both a general and a technical nature. The referenced Request for Qualifications package is hereby amended in accordance with the following items:

1) Question: Are sub-consultants only to be shown as supplemental staff to the prime or are we to include only in-house staff? There is some confusion per "A.3 Ability to provide required services with in-house staff."
   Response: Both in-house staff and sub-consultants should be listed. A.3 highlights that the ability for in-house staff to provide services will be part of the selection criteria, so in-house capabilities are of value.

2) Question: Does the City plan to provide an extension due to the Thanksgiving holiday?
   Response: The original deadline was 11/23 and has already been extended for the holiday to 11/30.

3) Question: Will the City include covers, tabs, and table of contents in the 40-page max?
   Response: The items listed will not be included in the 40-page limit.

4) Question: Can a firm serve as both sub and prime?
   Response: To avoid any conflicts of interest, the City will not accept proposals where consultants considered the prime are listed as sub-consultants on other proposals.

5) Can the City please confirm the deadline for clarification; the RFP stats Oct. 21, 2022.
   Response: The deadline for clarification is November 21, 2022.

Prior to final award, proposers shall acknowledge receipt and acceptance of all Addendums. Proposals submitted without acknowledgement may be considered non-responsive.

Signature

KCI Technologies, Inc.
Name of Business

THE CITY OF KEY WEST
Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3883

ADDENDUM NO. 2

Engineering Services RFQ 2022

This addendum is issued as supplemental information to the Request for Qualifications package for clarification of certain matters of both a general and a technical nature. The referenced Request for Qualifications package is hereby amended in accordance with the following items:

1) **Question:** Can the City confirm if staff resumes are included in the 40 single-page limit?
Response: Pages used for organizational and formatting purposes, like cover sheets, table of contents, section headers, etc. and required forms like sworn statements and affidavits are not included in the page limit. Content to be considered for ranking, such as company and staff information and background, resumes, past projects, references, etc. are to be included in the page limit.

2) **Question:** Can 11"x17" pages be used? If so, how many 11"x17" pages will count towards the 40 single-page limit?
Response: The proposal should consist of standard 8.5"x11" pages. Pages can be displayed in landscape orientation if desired.

3) **Question:** Due to the page limit on the proposal, will the City consider resumes for personnel identified on the Organization Chart be excluded from the page count in the proposal?
Response: All resumes will be included in the page count.

4) **Question:** Do resumes have to be provided for everyone identified on the Organization Chart or only key personnel?
Response: Resumes are not required for all personnel.

5) **Question:** There are several office closures in place for staff to prepare for Tropical Storm Nicole. Would the City consider moving the submission date another week to have sufficient time to put proposals together?
Response: The proposal due date has been changed to 12/7/2022 at 3PM.

Prior to final award, proposers shall acknowledge receipt and acceptance of all Addendums. Proposals submitted without acknowledgement may be considered non-responsive.

Signature

KCI Technologies, Inc.
Name of Business

ANTI-KICKBACK AFFIDAVIT

STATE OF GEORGIA

SS:

COUNTY OF GWINNETT

I the undersigned hereby duly sworn, depose and say that no portion of the sum herein response will be paid to any employee of the City of Key West as a commission, kickback, reward or gift, directly or indirectly by me or any member of my firm or by an officer of the corporation.

BY:_____
Erick Fry / Vice President

sworn and prescribed before me this **21st** day of **Nov.**, 2022

NOTARY PUBLIC, State of Georgia

My commission expires: **01/01/2024**

JERRICO ROLAND NOTARY PUBLIC COBB COUNTY, GEORGIA

NON-COLLUSION AFFIDAVIT

STATE OF GEORGIA)
: SS
COUNTY OF GWINNETT)

I, the undersigned hereby declares that the only persons or parties interested in this Proposal are those named herein, that this Proposal is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Proposal is made without any connection or collusion with any person submitting another Proposal on this Contract.

By: _____
Erick Fry / Vice President

Sworn and subscribed before me this

21st day of **November**, 2022.

_____
NOTARY PUBLIC, State of Georgia Large

My Commission Expires: **01/01/2024**

JERRICO ROLAND NOTARY PUBLIC COBB COUNTY, GEORGIA

SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(A) FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS,

1. This sworn statement is submitted for **Erick Fry, Vice President**
(print individual's name and title)

by **KCI Technologies, Inc.**
(print name of entity submitting sworn statement)

whose business address is **1425 W Cypress Creek Road, Fort Lauderdale, FL 33309**

and (if applicable) its Federal Employer Identification Number (FEIN) is

52-1604386

(if the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement): _____

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

3. I understand that "conviction" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 01, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

   a. A predecessor or successor of a person convicted of a public entity crime: or

   b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime.

The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members and agent who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment of income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statute means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement (indicate which statement applies).

_____Neither the entity submitting this sworn statement, or any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July, 1989.

_____The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 01, 1989.

_____The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 01, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order.

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH ONE (1) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR THE CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

(SIGNATURE)

November 21, 2022
(DATE)

STATE OF GEORGIA

COUNTY OF GWINNETT

PERSONALLY APPEARED BEFORE ME, the undersigned authority
Erick Fry who, after first being sworn by me,
(name of individual)
affixed his/her signature in the space provided above on this
21st day of **Nov.**, 2022

NOTARY PUBLIC

My commission expires: **01/01/2024**

JERRICO ROLAND NOTARY PUBLIC COBB COUNTY, GEORGIA

See next page

EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF _____)

: SS

COUNTY OF _____)

I, the undersigned hereby duly sworn, depose and say that the firm of _____

_____

provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses, per City of Key West Code of Ordinances Sec. 2-799.

By: _____

Sworn and subscribed before me this _____day of _____20____.

NOTARY PUBLIC, State of _____ at Large

My Commission Expires:

09. Sworn Statements and Affidavits

RE: Equal Benefits for Domestic Partners Affidavit

To Whom it May Concern:

KCI Technologies, Inc. (KCI) provides the following information as it applies to the Equal Benefits for Domestic Partners Affidavit.

Along with our Healthcare Provider (CIGNA), from approximately Health Benefit Plan Year 2009 through Health Benefit Plan Year 2014, KCI offered Health and Medical Benefits to same sex Domestic Partners. Upon the legalization of same sex marriages, KCI discontinued this practice. In doing so, it was determined that a legal and commonly accepted practice (marriage) was now available regardless of the Domestic Partner couple's composition.

This practice has been uniformly offered and is seen as nondiscriminatory as it offers the same availability to benefits (via marriage) for all KCI employees regardless of the married couple's composition.

KCI has agreed to provide a cash equivalent or the actual benefit to those employees working for the City of Key West. The following applies:

- For Bereavement Leave – will offer consistent with current KCI Policy for domestic partner.
- For Health Benefits – will offer cash equivalent.
- For Family Medical Leave – will offer consistent with current KCI Policy for domestic partners.

Regards,

Erick Fry, PE
Vice President

CONE OF SILENCE AFFIDAVIT

Pursuant to City of Key West Code of Ordinances Section 2-773 (attached below)

STATE OF GEORGIA)
: SS
COUNTY OF GWINNETT)

I the undersigned hereby duly sworn depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of **KCI Technologies, Inc.** have read and understand the limitations and procedures regarding communications concerning City of Key West issued competitive solicitations pursuant to City of Key West Ordinance Section 2-773 Cone of Silence (attached).
Sworn and subscribed before me this

21st day of **November**, 20**22**.

Erick Fry / Vice President

NOTARY PUBLLIC, State of **Georgia** at Large

My Commission Expires: **01/01/2024**

JERRICA ROLAND NOTARY PUBLIC COBB COUNTY, GEORGIA

CITY OF KEY WEST INDEMNIFICATION FORM

PROPOSER agrees to protect, defend, indemnify, save and hold harmless The City of Key West, all its Departments, Agencies, Boards, Commissions, officers, City's Engineer, agents, servants and employees, including volunteers, from and against any and all claims, debts, demands, expense and liability arising out of injury or death to any person or the damage, loss of destruction of any property which may occur or in any way grow out of any act or omission of the PROPOSER, its agents, servants, and employees, or any and all costs, expense and/or attorney fees incurred by the City as a result of any claim, demands, and/or causes of action except of those claims, demands, and/or causes of action arising out of the negligence of The City of Key West, all its Departments, Agencies, Boards, Commissions, officers, agents, servants and employees. The PROPOSER agrees to investigate, handle, respond to, provide defense for and defend any such claims, demand, or suit at its sole expense and agrees to bear all other costs and expenses related thereto, even if it (claims, etc.) is groundless, false or fraudulent. The City of Key West does not waive any of its sovereign immunity rights, including but not limited to, those expressed in Section 768.28, Florida Statutes.

These indemnifications shall survive the term of this agreement. In the event that any action or proceeding is brought against the City of Key West by reason of such claim or demand, PROPOSER shall, upon written notice from the City of Key West, resist and defend such action or proceeding by counsel satisfactory to the City of Key West.

The indemnification provided above shall obligate PROPOSER to defend at its own expense to and through appellate, supplemental or bankruptcy proceeding, or to provide for such defense, at the City of Key West's option, any and all claims of liability and all suits and actions of every name and description covered above which may be brought against the City of Key West whether performed by PROPOSER, or persons employed or utilized by PROPOSER.

The PROPOSER's obligation under this provision shall not be limited in any way by the agreed upon Contract Price as shown in this agreement, or the PROPOSER's limit of or lack of sufficient insurance protection.

DocuSigned by:

COM SEAL EAL

PROPOSER:

936 Ridgebrook Road, Sparks, MD 21152

Address

DocuSigned by:
Bayne Smith
301D9788FF154C7...

Signature

Bayne E. Smith

Print Name

11/28/2022

Date

Senior Vice President/Corporate Secretary

Title

NOTARY FOR THE PROPOSER

STATE OF GEORGIA

COUNTY OF GWINNETT

The foregoing instrument was acknowledged before me this 28th day of Nov., 20 22. By Bayne Smith of KCI Technologies, Inc. (Name of officer or agent, title of officer or agent) Name of corporation acknowledging) personally known __X__

or has produced_____as identification.

Signature of Notary

Exp. 01/01/2024

JERRICO ROLAND NOTARY PUBLIC COBB COUNTY, GEORGIA

Return Completed form with Print, Type or Stamp Name of Notary

Supporting documents to: City of Key West Purchasing

Title or Rank

1425 W Cypress Creek Road
Fort Lauderdale, FL 33309

www.kci.com