



REQUEST FOR QUALIFICATIONS | RFQ # 12370-206

TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES



MARCH 2 2020

SUBMITTED BY
MARLIN

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Exhibit 2
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March 2, 2020

City of Fort Lauderdale Procurement Service Division
Attn.: Lisa Marie Glover
100 North Andrews Avenue #619
Fort Lauderdale, FL 33301

**RE: REQUEST FOR QUALIFICATIONS - RFQ No.: 12370-206
TRAFFIC AND TRANSPORTATION ENGINEERING AND PLANNING SERVICES-CONTINUING
SERVICES CONTRACT**

Dear Ms. Glover and Members of the Selection Committee:

MARLIN Engineering, Inc. (MARLIN) is pleased to respond to this Request for Qualifications with a diverse team of experts to serve the City of Fort Lauderdale by providing Traffic and Transportation Engineering and Planning services. MARLIN has over 29 years of experience in the State of Florida, and we are a certified MBE and DBE firm. Our success over the decades has allowed us to grow. With offices in Plantation, Palm Beach Gardens, Miami, Tampa, and Tallahassee, we currently have 90+ employees on the MARLIN staff.

We are proud of our impressive resume of successful Multimodal Transportation Engineering and Planning projects, both locally and statewide, and of our proven record of planning and designing creative projects that are constructible and enhance transportation, improve quality of life, and bolster economic development. Because MARLIN is a full-service multi-disciplined Transportation Planning and Engineering firm, we can create designs that are bold and creative, yet grounded in the reality of working within the available right-of-way and existing constraints. Our team also believes that integrating land use, Complete Streets design, and transit focused on enhancing the pedestrian experience is critical to success.

It's all about the Team! MARLIN has developed an outstanding team to support the City, and we have long-time professional relationships among our key experts. We bring to the table a strong foundation of visioning expertise and conceptual design.

Our core team includes:

- * **ACAI Associates, Inc.**
- * **AE Engineering, Inc.**
- * **Connetics Transportation Group, Inc.**
- * **Cummins and Cederberg, Inc.**
- * **Dover, Kohl & Partners, Inc.**
- * **ESciences Inc.**
- * **Florida IT Engineers, Inc.**
- * **IF Rooks & Associates, LLC**
- * **Keith & Associates, Inc.**
- * **Lakdas/Yohalem Engineering, Inc.**
- * **Master Consulting Engineers, Inc.**
- * **Miller Legg & Associates, Inc.**
- * **NOVA Engineering and Environmental, LLC**
- * **SSN Engineering, LLC**
- * **STV, Inc.**
- * **Valerin Group, Inc.**
- * **Walker Parking Consultants/Engineers, Inc.**
- * **And a host of support firms from niche services**

Our team has the depth and breadth of staff to cover all of the disciplines listed in the scope of services and we have built-in redundancy to allow for quality-control, peer reviews and to ensure our commitment and availability to the City.

Our Proposed Project Manager for this contract is Betsy Jeffers, PE, who has 28 years of transportation engineering expertise. Betsy is a perfect fit for this contract as she has experience in bridging conceptual planning and transportation engineering, leading to project implementation. In her former position as a Florida Department of Transportation Design Section Leader, Betsy served as the designated FDOT Program Manager for the Broward Mobility Initiative. Betsy worked closely with the Broward MPO and other Broward County municipalities such as the cities of Fort Lauderdale, Hollywood, Pompano Beach, Coconut Creek, as well as others, to educate and assist the locals on project development and feasibility and assisted in moving over \$300 million in bicycle and pedestrian projects into capital programs.

WHY CHOOSE MARLIN!

- * **Experts in Connecting Communities**

We have a passion for connecting communities and enhancing mobility by providing quality transportation planning and design.

- * **Experience with Similar Projects**

Our team brings a wealth of experience in providing transportation planning, traffic engineering, pedestrian, bicycle and transit planning, and parking study services to local and state agencies.

- * **Quality Staff that are 100% Committed**

We are local, available, and have immediate resources to assist the City. We have a thorough understanding of this contract as well as the vision, goals and objectives of the City and will respond quickly and produce quality deliverables.

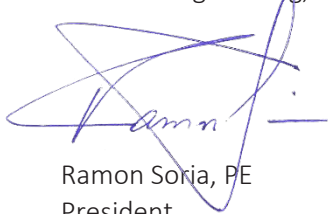
- * **Dedicated to Meeting the Small Business and MBE goals**

As a certified State of Florida MBE and DBE, we are dedicated to partnering with certified small business and minority firms.

Our **Plantation Office**, located at 1700 NW 66th Avenue, Suite 106, Plantation Florida, 33313, will be responsible for all work performed on this contract. Betsy Jeffers, PE, is MARLIN's authorized representative for this agreement and can be reached at (954) 870-5070 (Office), (954) 809-4058 (Cell) or bjeffers@marlinengineering.com.

Thank you for the opportunity to introduce our team. We look forward to assisting you in your endeavors and assure you that we will be committed to your success. Please contact us if we can provide further information.

Sincerely,
MARLIN Engineering, Inc.



Ramon Soria, PE
President



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EXECUTIVE SUMMARY



EXECUTIVE SUMMARY

THE RIGHT TEAM: PASSIONATE, EXPERIENCED, QUALIFIED, COMMITTED

Our Team has the passion and desire to achieve a Vision together as a team with Lisa Marie Glover and the City of Fort Lauderdale Staff. MARLIN will collaborate across disciplines to deliver responsive, high-quality service and cost-saving solutions. Our Team is ready to partner with the City of Fort Lauderdale and serve its community.

MARLIN Engineering Inc. (MARLIN) is a full-service Urban Planning and Civil Engineering firm are certified as a MBE and DBE firm. We are passionate about our community and excited about this historic opportunity to shape the future of the City of Fort Lauderdale for generations to come. MARLIN was established in 1991 in Miami, Florida on a commitment to ethics and professionalism. We have since expanded to 90 employees with offices in Plantation, Palm Beach Gardens, Tallahassee, and Tampa. We are a young and stable firm with the ability to respond quickly to local needs and the stability to expand resources quickly and we have earned the respect in the industry where multi-national firms support us as subconsultants. We employ a talented and motivated group of professionals including urban planners, civil engineers, data scientists and technicians that have experience on a diverse range of projects in Southeast Florida for multiple stakeholders. We bring outstanding municipal experience to the City having managed General Planning and General Engineering Consulting contracts for many of the cities in Miami-Dade and Broward County, and as sub consultants to the City of Fort Lauderdale. MARLIN and our Team have also managed general services contracts with many of the stakeholders important to this contract including the Broward Metropolitan Planning Organization (MPO), Broward County Traffic Engineering Department, Broward County Transit, the Florida Department of Transportation and the South Florida Regional Transit Authority/TriRail.

MARLIN Engineering Inc. Is Committed To Public Service and we have no conflicts of interest with the private development community in the City of Fort Lauderdale or Broward County



Eric Katz, MARLIN, Mayor Trantalis and Jeff Weidner MARLIN at the opening of the 13th Street Complete Streets Project. MARLIN was the Construction PIO for the project effectively communicating with, and responding to concerns from, the businesses and community along the corridor.

We have a history of providing services that generate innovative concepts that successfully completed on-time and on-budget. We have we have won numerous awards for our planning/engineering solutions and most recently in the last few months were awarded:

- » **2019 State of Florida American Council of Engineering Companies Outstanding Major Project of the Year** - for the FDOT District 6 SR 997/Krome Avenue Reconstruction/ Vision Zero Project
- » **2020 Miami-Dade, Broward and Palm Beach Safe Streets Summit People's Choice Award for Best Urban Complete Streets Project** – for the City of Hollywood Downtown Hollywood Boulevard Complete Streets Project
- » **2020 South Florida Branch of the American Public Works Association Outstanding Achievement Award** - for the planning, designing and implementation of the Town of Cutler Bay SW 100 Avenue Stormwater Retrofit

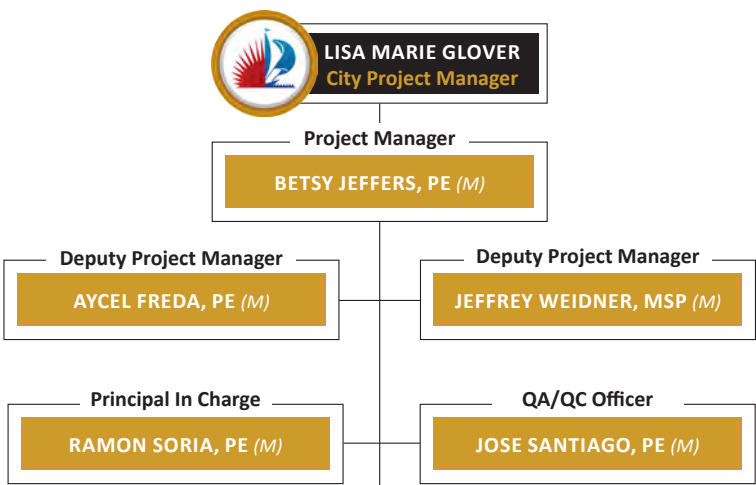
QUALIFICATIONS AND EXPERTISE

Throughout the proposal, we have connected our understanding of the City's goals and objectives and our Team's qualifications that we believe will advance the City's Vision of the future.

Our Team Has The Qualifications, Experience And Professional Knowledge To Accomplish The Broad Range Of Categories Identified In The Scope Of Services. We have a Team of experts to deliver the City a One-Stop-Shop for Planning and Engineering Services

The MARLIN team understands that meeting the wide-range of assignments identified in the requires a team capable of delivering specific engineering and planning technical expertise. On the Engineering side of the scope the MARLIN Team provides a depth and breadth of Professional Surveyors and Mappers, multiple survey teams, Design PEs, Structural PEs, Mechanical, Electrical and Plumbers experts, Stormwater and Drainage experts, CADD experts, Construction Managers, Water and Sewer expertise, Construction Inspectors to meet and exceed project implementation and monitoring expectations. On the Planning side of the scope the MARLIN Team provides a depth and breadth of AICPs, PEs, PhDs, CNU-As, LEED Certifications, PMPs, Engineers, Planners, Data Scientists, Environmentalists, GIS experts, Transit Operations experts, Grant Administration Experts, Technicians and administrative staff to meet and exceed project planning and programming needs.

Betsy Jeffers, PE is our proposed Project Manager for this contract, and she will be supported by Aysel Freda, PE as the Deputy Project Manager over Engineering and Jeff Weidner, MSP as the Deputy Project Manager over Planning. Betsy, Jeff and Aysel all have private and public sector experience and all three served as Managers at the Florida Department of Transportation District 4 and have been working closely with the Transportation and MobilityDepartmentfordecades. Betsyhasextraordinary experience in moving complete streets projects from concept, to programming to construction. Betsy served as the FDOT Program Manager for the Broward Mobility Initiative, working together with the Broward MPO and the cities of Fort Lauderdale, Hollywood, Pompano Beach, Coconut Creek, and others, to educate and assist the locals on project feasibility and was instrumental in the construction programming of over \$300 million in bicycle and pedestrian projects. MARLIN is utilizing Aysel and Jeff as Deputy Project Managers to address the broad scope of services and to ensure commitment and availability of Engineering and Planning expertise to Lisa Marie.



THE VISION STATEMENT - WE ARE FORT LAUDERDALE, A COMMUNITY OF CHOICE. WE ARE THE CITY YOU NEVER WANT TO LEAVE.

The Fort Lauderdale community is diverse, highly engaged and their expectations are high! Our Team is committed to support the City of Fort Lauderdale’s staff in meeting and exceeding their Vision, Goals and Objectives.

The division’s mission is to promote the livability, health, and economic benefits of a bicycle-, pedestrian-, and transit-friendly environment by creating a safe, effective, and connected network of transportation options. We understand the needs of the City of Fort Lauderdale’s community at large as well as the demand on staff to meet expectations. We are cognizant of the tremendous growth the City of Fort Lauderdale and South Florida have experienced since the great recession in the late 2000s and how that growth has magnified the responsibilities of staff. The City is currently addressing urgent needs to repair and replace its deteriorated water and sewer system, and although not specifically called out in the scope of services, the MARLIN Team has included individuals with vast experience in studies, designs, permitting and construction administration tasks associated with water distribution and sanitary sewer collection systems. Simultaneously, the City must continue to address climate change, housing affordability, pedestrian and bicycle safety, and increasing transportation congestion in a robust development environment.



MARLIN President Ramon Soria (right) and the MARLIN Team at a City paint the streets event.

Our approach is to provide the City with the services to address the implementation of the Community Investment Plan and to support emerging and evolving trends including:

The Reorganization within the City including major staff reductions for the Transportation and Mobility Department

– we will deliver adjunct staff and services to support all areas of project development

The adoption of an Interlocal Agreement with the Broward Metropolitan Planning Organization to perform transportation planning services including the development of a new Fort Lauderdale Transportation Strategic Master Plan we have an outstanding experience with the MPO and can provide staff to support and/or provide detailed comments and review on plan deliverables

The MPO is has also included in its' 2045 Long Range Plan a series of elevated roadway and railroad grade separations that will have a significant impact on adjacent land use – we have traffic, railroad, land use and access management experts to support a review and comment on the feasibility of the proposals

The Broward County Penny for Transportation Surtax was adopted in November 2018 and provides a great opportunity for new investment in transportation and water and sewer infrastructure – we have outstanding planning and capital programming expertise that will well position City projects

Community concerns about development and the need to implement transit and traffic solutions integrated with new technologies and intelligent transportation systems management- the community has become increasingly concerned about congestion during commuter traffic particularly in the Downtown and surrounding area. The MARLIN Team has a depth of experience in traffic, adaptive signal control, Autonomous and Connected Vehicles, regional, local and micro transit and pedestrian/bicycle and mobility planning to support the city in developing their plans as well as providing expertise for MPO plans. We need to have some quick successes and continue to plan and program for mid- and long- term improvements.

New regional transportation opportunities including the I-95 Managed Lanes, Brightline and Increased Transit services afforded by the Broward County Transportation Surtax. The MARLIN Team includes expertise in regional planning, public outreach, Transportation Demand Management, mode shift commuter incentivization to maximize the utilization of regional services. The MARLIN Team believes that significant commuter issues are the main cause of public concerns over congestion and we have excellent experience in coordinating with stakeholders including FDOT, Brightline, TriRail, Broward County Transit and the Miami-Dade Transit Express Bus staff to address the issues. We propose to support the new Fort Lauderdale Strategic Master Plan through by identifying key corridors and tying them together in a regional systemwide approach.

We strongly believe Vision Zero can be advanced and achieved in our lifetime and in short order! AV/CV technologies are rapidly enhancing the safety and mobility of the transportation network. These technologies include Vehicle- to-Vehicle (V2V), Vehicle-to-Infrastructure (V2I) and Vehicle-to-Everything (V2X). They are applied in different forms and network related applications such as platooning, maximizing throughput and responding the presence of humans and animals respectively to stop crashes. The MARLIN Team has the expertise and demonstrated experience to advance these technologies that will enable transportation quality of service (end-to-end mobility) and reliability (consistent travel times) in addition to safety (saving lives) by providing technical services and a road map to advance technology deployments within Fort Lauderdale. both for passenger and freight movement.

WHY MARLIN – WE ARE COMMITTED, AVAILABLE AND FOCUSED ON QUALITY WITH THE COLLABORATION AND BREADTH OF SERVICE SKILLS TO MEET AND EXCEED EXPECTATIONS



THE MARLIN TEAM ADVANTAGE

COMMITMENT

MARLIN is committed to the success of this significant project. We will provide a depth and breadth of staff to meet and exceed expectations.

TEAM AVAILABILITY

MARLIN is a multi-disciplinary firm with available staff and resources to implement this project in on time budget. Our team is local, available, and passionate about achieving the City's Vision.

COLLABORATION

We will work with the City to identify the specific needs to the community. MARLIN will engage with the community and key stakeholders listen and hear needs and concerns to identify solutions.

QUALITY FOCUSED

Our team will adhere to schedules, perform quality control reviews, and have open and clear communication as well as provide prompt responses. We will provide the highest level of service to the City.

EXPERIENCE

MARLIN brings over 29 years of experience working in South Florida. We provide a high level of responsiveness, local understanding and extensive technical experience with roadway improvements projects.



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FIRM QUALIFICATIONS
AND EXPERIENCE



COMPANY OVERVIEW

MARLIN is a State of Florida corporation founded in Miami, Florida in 1991. As a full service, multi-disciplinary, transportation planning, engineering, and surveying firm, we are committed to providing our clients with transportation solutions that connect communities and support growth and economic development.

What started as a two-person operation has expanded to a staff of over 90 professionals with offices throughout Florida, and Colorado.

With our diversified staff, services and markets, we are poised to handle larger and more complex challenges.

During the last 29 years, our experienced professional staff and technicians have successfully provided planning and engineering services on similar contracts to Broward MPO, Miami-Dade TPO, Miami-Dade County, FDOT, and various municipalities including the cities of **Fort Lauderdale**, North Lauderdale, Parkland, Hollywood, Hallandale Beach, Miami Beach, Miami, Coral Gables, Doral, South Miami, Palmetto Bay, Cutler Bay, FDOT District 4 and 6, and SFRTA.



WE BUILD MEANINGFUL WORKING RELATIONSHIPS WITH OUR CLIENTS

Our philosophy is collaboration. We will partner with the City of Fort Lauderdale and maintain open and clear communication. We will collaborate through teamwork and the right allocation of resources. Our team commits to providing the City and its community unparalleled experience, creativity, innovation, and exceptional service. Having served various municipalities on similar projects, we understand the needs of the City, and our knowledge and familiarity of these projects are integral to ensuring the successful implementation of the project.

AREAS OF EXPERTISE

- » Civil Engineering
- » Complete Streets
- » Construction Management/Inspection
- » Corridor Planning & Design
- » Data Analytics / Technology
- » Environmental
- » Intergovernmental Coordination
- » Land & Site Development
- » Pedestrian/Bicycle Planning & Visioning
- » Public Outreach & Participation
- » Roadway Design
- » Structural Engineering
- » Structural/Topside/Underwater Inspections
- » Surveying/SUE
- » Traffic Engineering
- » Transit Planning & Design
- » Transportation Planning & Engineering
- » Utility Coordination



QUALIFICATIONS OF THE FIRM

LICENSED IN THE STATE OF FLORIDA



MARLIN is a State of Florida corporation licensed to provide engineering and surveying services since August 22, 1991.



MARLIN is a **certified** Minority Business Enterprise (MBE) and Disadvantaged Business Enterprise (DBE)



CONTACT PERSON **BETSY JEFFERS, PE**

Project Manager
P: 954.870.5070
bjeffers@marlinengineering.com



STAFF BREAKDOWN **90+ EMPLOYEES**



- Professional Engineers (PE)
- Professional Transportation Planner (PTP)
- Professional Traffic Operations Engineer (PTOE)
- Professional Surveyor & Mappers (PSM)
- Engineer Intern (EI)
- American Institute of Certified Planners (AICP)
- LEED Professional



OFFICE LOCATION THAT WILL SERVICE THIS CONTRACT

1700 NW 66th Avenue
Suite 106
Plantation, FL 33313
P: 954.870.5070
www.marlinengineering.com

STATEWIDE OFFICES
Miami, Palm Beach Gardens,
Tampa, and Tallahassee





TRANSIT PLANNING

MARLIN is an industry leader in transit planning with a deep understanding of transit policies and procedures. Our team of planners and engineers has a track record of excellence, in-depth experience, and technical expertise.

MARLIN personnel are experienced in working with transit policies and procedures including Chapter 14-90. Our team's work on transit-related mobility projects throughout the state of Florida has generated an in-depth knowledge base. MARLIN's expertise lies in working with Transit Grants, Complete Streets and M/TPO Coordination, advocating on behalf of transit users through project coordination, program management, design reviews and community studies and plans. We are capable of supporting our partners in meeting challenges and seizing opportunities for efficiency and innovation.

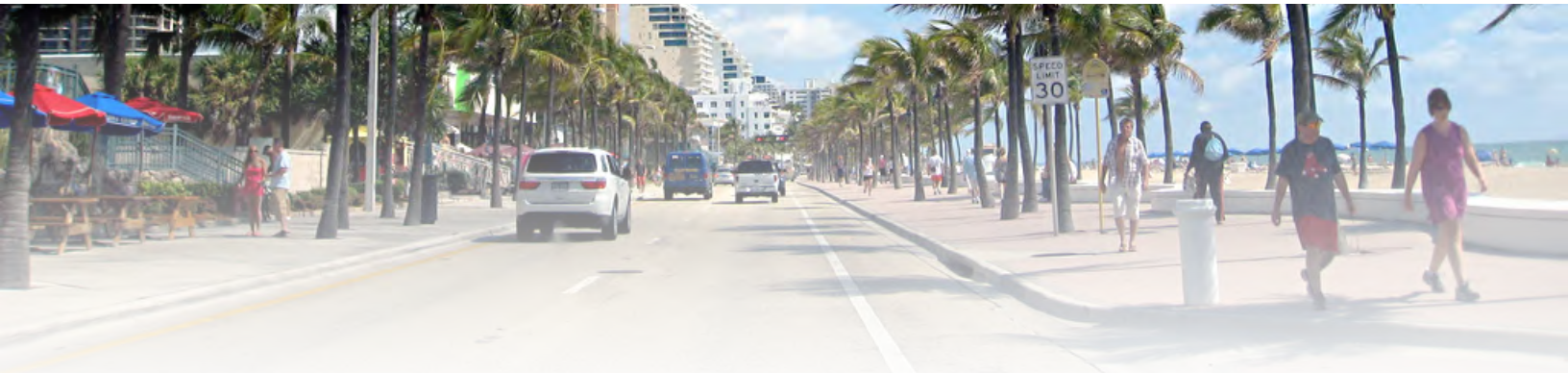
- » **Commuter Rail & Feeder Bus Planning**
- » **Express Bus Park & Ride Lot Planning & Operations**
- » **Federal & State Grants, Contract Administration**
- » **Last Mile Services - Local Circulator & Microtransit Planning**
- » **Outreach & Coordination**
- » **Ped/Bike, ADA, Safety Access to Transit Planning**
- » **Plan Reviews**
- » **Regional & Local Fixed-Route Transit Service Development**
- » **Statewide Policy**
- » **Transportation Demand Management**

TRANSPORTATION PLANNING

MARLIN understands that thoughtful and creative solutions are essential to improving transportation performance. Our Transportation Planning Team takes a multi-modal approach to planning and developing modern transportation systems for Florida's diverse and growing population.

MARLIN specializes in providing transportation planning services tailored to local and state governments as well as private organizations. Our staff will ensure that all design plans and transportation studies comply with local and federal regulations and are consistent with community values and in context of the environment. From traffic analyses to urban mobility studies, our vision remains the same: to provide efficient, affordable, and safe transport solutions for today and for future generations.

- » **Access Management/Functional Classifications**
- » **Bicycle/Pedestrian Master Plans**
- » **Complete Streets**
- » **Community Outreach/Public Involvement**
- » **Congestion Management Planning**
- » **Congestion Pricing & Managed Lanes Travel**
- » **Demand Analysis**
- » **Data Mining/Management**
- » **Freight Assessments & Studies**
- » **Interchange Proposal Review & Development**
- » **Legislative/Regulative/Policy Analysis**
- » **Mobility Study & Modal Application**
- » **Multi-Modal Corridor Analysis & Transportation Studies**
- » **Park & Ride Lot Assessment**
- » **PD&E Studies**
- » **Public Outreach**
- » **Safe Routes to Schools**
- » **Site Impact & Growth Management Reviews**
- » **Traffic Calming Design**
- » **Transit Corridor & Station Area Studies**
- » **Transit Oriented Development**



ROADWAY DESIGN AND ENGINEERING

At MARLIN, we are innovative and flexible in our approach to designing local, state, and interstate roadways. Our Roadway Design Team prides itself on developing creative solutions for unique and challenging roadway projects while exceeding operational and safety requirements set forth by governmental agencies. From milling and resurfacing to heavy construction, our Roadway Design Team effectively addresses the entire roadway design lifecycle. Our Project Managers utilize quality control processes and encourage public involvement throughout the project to ensure client satisfaction, and address local concerns.

- » ADA Compliance
- » Bicycle/Pedestrian Planning & Design
- » Complete Streets
- » Crosswalk Enhancement
- » Environmental Assessments & Studies
- » Green Roads
- » Highway design
- » Historic Preservation
- » Intersection Design
- » Lighting/Decorative Street Lights
- » Maintenance of Traffic (MOT) Plans
- » Milling & Resurfacing
- » Pavement Markings & Signage
- » Program Construction/Management
- » Public Involvement
- » Raised & Landscaped Medians
- » Roadway New Construction & Reconstruction
- » Safe Routes to School
- » Safety Improvements
- » Sidewalk Widening
- » Signalization
- » Streetscapes with Shade Canopy
- » Sustainability
- » Transit Stations/Hubs
- » Transportation Engineering
- » Urban Street Design
- » Wayfinding Recommendation & Design

TRAFFIC ENGINEERING

MARLIN provides exceptional services through the development of traffic operations and safety studies. Our vision is clear: to provide the safest surface transportation systems for the community while providing cost-effective solutions to our clients. Our traffic engineers and technical staff have pioneered traffic calming throughout Florida as well as developed innovative and customized solutions to improve pedestrian and vehicular mobility.

From team evaluations and traffic impact studies, to collaborating with local governments and FDOT, MARLIN is able to provide mutually beneficial solutions to our clients and the public.

- » Access Management
- » Benefit/Cost Analysis
- » Data Collection
- » Expressway & Arterial Capacity Analysis
- » Impact Studies
- » Parking & Origin-Destination Studies
- » Quality/Level of Service (LOS) Analysis
- » Road Safety Audits
- » Safety & Accident Studies & Safety/Crash Analysis
- » Signal Warrant Analysis, Retiming, Optimization & Design
- » Site Plan Development Review
- » Traffic Calming Master Plans
- » Traffic Counts
- » Traffic/Travel Demand Forecasting
- » Transit Capacity & Quality of Service Assessments
- » Transit Stop Location & Design
- » Travel Time & Delay Studies

COMPLETE STREETS

MARLIN staff are experts in multi-modal planning and analysis, bicycle and pedestrian master planning, public outreach, grant writing and administration, design, and traffic engineering. We create innovative solutions to make walking, biking, using public transit, and driving accessible to people while taking into account safety, community values, economic and environmental factors.

MARLIN works with communities, from neighborhoods to the regional level, to plan complete street transportation networks. Our planning and design efforts reduce car traffic and improve walking, biking, and transit options.

- » **Bicycle/Pedestrian**
- » **Design & Permitting**
- » **Greenways/Trails**
- » **Multi-Modal Connectivity**
- » **Multi-Modal Data Collection**
- » **Non-Motorized Infrastructure**
- » **Policy Planning**
- » **Pedestrian Activated In-Road Lighting**
- » **Public Outreach**
- » **Safe Routes to School**
- » **Sustainable Design & Construction Practices**
- » **Traffic Studies**
- » **Transit Accessibility**
- » **Walk & Bike Audits**
- » **Wayfinding, Signing & Pavement Markings**





SURVEYING AND MAPPING/ SUBSURFACE UTILITY EXPLORATION

From field surveys and data collection, to locating utilities, MARLIN recognizes the importance of quality, accuracy, and timeliness. MARLIN is fully equipped with cutting-edge technology including a VaXcavator System, RTK-GPS Utility Survey Location System, and GIS Software.

- » ALTA/ACSM
- » As-Built Survey
- » Boundary Survey
- » Construction Layout
- » Drainage Survey
- » Elevation Certificates
- » GPS-Global Positioning System
- » Hydrographic Survey
- » Land Survey
- » Mortgage Survey
- » Planimetric Survey
- » Right of Way Mapping
- » Roadway Design Survey (Alignment, Right of Way Lines, Construction, Utilities & Drainage)
- » Subdivision Layout, Planning & Platting
- » Subsurface Utility Engineering (Location & Identification)
- » Topographic Survey (Digital Terrain Model)
- » Utility Coordination
- » Wetland line Survey

STRUCTURAL ENGINEERING

MARLIN's Structural Engineering Department is made up of highly-qualified structural engineers experienced in providing structural bridge engineering services to municipalities and FDOT. We have thorough understanding of FDOT design specifications, construction standards, and the Local Agency Program (LAP) process. We provide post-design services such as bid assistance, bid evaluation, and construction administration.

MARLIN offers in-house, commercial diving services.

Our divers are experienced and commercially certified and possess the knowledge to inspect and evaluate underwater structures. They are qualified to work in confined spaces and perform penetration dives for fully submerged structures in accordance with OSHA regulations. Our diving team has successfully completed inspections on a wide range of projects including ports, piers, highway bridges, culverts, and tunnels.

MARLIN is a current and active member of the Association of Diving Contractors (ADCI). Our inspection teams are comprised of ADCI certified divers and Certified Bridge Inspectors. Our team of professional engineers, certified bridge inspectors and commercial divers use state-of-the-art equipment and the latest technology to perform structural inspections for state and federal clients consistent with National Bridge Inspection Standards (NBIS). MARLIN's inspection team leaders are certified and have completed a variety of NHI Safety inspection training courses, and our commercially-certified divers have training and experience in performing underwater Non Destructive Testing, in-depth inspections, and video documentation with surface supplied air system.

- » Cost Estimating
- » Evaluation of Existing structures
- » Emergency Structural Inspection
- » Load Rating Analyses
- » Marine Design
- » New Bridge Design
- » Overhead Sign Structures Design
- » Peer Review
- » Repair / Rehabilitation Bridge Design
- » Seawalls, Piers Docks Design
- » Structural Inspection
- » Traffic Signal Mast Arms
- » Underwater Structural Inspections





PUBLIC INVOLVEMENT

Our approach to community engagement is to ensure that a public involvement plan is always tailored to the project, stakeholders, and local government needs. We understand that effective, public engagement addresses the needs, potential concerns, goals, and values of the community while building positive community consensus through an understanding of the project's design and construction goals.

Our plan begins with the consideration of governmental, inter-governmental and community groups through early, inclusive and meaningful, traditional and innovative, engagement opportunities. As such, MARLIN will meet with the City of Fort Lauderdale to identify stakeholders, other governmental agency officials, public employees, residents, and community groups and leaders.

- » **Communication with Stakeholders**
- » **Conduct Surveys, Conferences & Community Meetings**
- » **Coordinate with Media**
- » **Develop & Distribute Newsletters, Brochures & any Informative Material**
- » **Liaison between City, Contractor & Community**
- » **Maintain Client Project Website**
- » **Public Outreach**

COMMITMENT TO SUSTAINABILITY

MARLIN embraces the principles of energy efficiency and is dedicated to providing a healthy environment for our clients and our employees. We strive to develop environmentally, economically, and socially sustainable design solutions that meet the needs of the community as well as our clients.

As part of our overall commitment to minimizing waste and increasing sustainability, we **Reduce, Reuse and Recycle** whenever possible!

A few examples of our commitment to sustainability include:

- » Maintain a paperless environment, whenever possible.
- » Use of video conferencing to communicate between offices
- » Encourage internal documents to be submitted electronically.
- » Maintain photocopiers/printers with a duplex function designed for heavy loads and double-sided printing capabilities.
- » Use of recyclable paper
- » Encourage car pools
- » Provide recycling bins throughout the office

The MARLIN team approach to sustainable design will incorporate considerations for the context of history, ecosystems, scenery and transportation (vehicular), and pedestrian needs. The focus of these designs will minimize environmental impacts create **"Green Spaces,"** reduce maintenance, and utilize local resources.

THE MARLIN TEAM

The scope of services is expansive requesting services for a broad range of planning, engineering, maintenance and operations services across multiple modes. MARLIN has strategically built a One-Stop-Shop Team to cover every service identified in the Scope of Services! MARLIN has expertise from planning: including system-wide, corridor, community/neighborhood-wide and station area planning; state-of-the-art data collection; traffic, transit, pedestrian/bike, seaport, rail, intermodal planning and project development; supply chain/logistics analyses, microsimulation modeling and land use/ economic development planning; to implementation: MPO/TPO and FDOT work program/TIP/STIP prioritization and programming; surveying; complete streets design; utility coordination; permitting; drainage analysis; complex design and construction management and inspection; to operations and maintenance: transit, express bus park and ride lot operations; HOV and Managed Use Lanes operations and monitoring; underwater bridge and seaport inspection; and railroad crossing CEI services.

MARLIN will lead the Project Management, Surveying and Mapping/Subsurface Utility Exploration, Utilities Coordination, Structural Engineering, Roadway Design and Engineering, Data Collection, Traffic Engineering, Transportation Planning, Transit Planning, Grant Writing and Administration and Public Involvement services identified in the scope. We have brought on board a team of expert subconsultants to complement the team providing a deep bench of professional and technical staff in major scope areas and specialty niche service firms to cover the scope requirements. MARLIN has had decades of experience working with our Team of Subconsultants and we are proud to share with you their outstanding expertise, key staff and similar projects.



ACAI ASSOCIATES, INC. (ACAI)

ACAI was founded in 1985, offering a wide range of services including Planning, **Architecture, Engineering, Landscape Architecture, Roof Consulting and Construction Management**. ACAI has provided services on virtually all types of projects. ACAI engineering work has focused on **Roofing Consulting, including Investigation, Reports, Recommendations and Design**. ACAI believes that good architecture is the physical manifestation of good ideas. They strive to create facilities that reflect a unique synthesis of their mission, functional purpose and, appropriately, express the spirit and personality of their ownership. Their design work is delivered through Building Information Modeling (BIM) and they are quite knowledgeable in BIM. ACAI commitment as skilled advisors to their client remains as it has been in the past - answering needs with creative ideas, innovative solutions and well-executed, professional services. ***ACAI will provide support in Architecture, 3D Rendering, and Landscape Architecture.***



AE ENGINEERING, INC. (AE)

AE has been providing **Construction Engineering and Inspection (CE&I) services** since March 2006. The firm is a registered Disadvantaged Business Enterprise (DBE), Small Business Enterprise (SBE), Minority Business Enterprise (MBE), and prequalified in CE&I services with the State of Florida. AE provides CE&I services needed for projects to ensure they are built in compliance with design plans, specifications and state/federal regulations. AE works in collaboration with FDOT and applicable agencies to provide full project oversight with talented construction engineers and inspection staff. ***AE will provide support in Construction Engineering and Inspection.***



CONNETICS TRANSPORTATION GROUP, INC. (CTG)

CTG is well regarded for providing high-quality planning services to public transit, local and state transportation agencies across the country. CTG service and operations planning assignments have encompassed all modes of transit, for both short and long-range projects and they have provided on-site day-to-day operations support for numerous clients. CTG travel demand and data analytic assignments have utilized all major commercial modeling software packages and they are **experts in the Treasure Coast Regional Planning Model (TCRPM) 5 travel demand model, subarea analyses and micro simulation**. CTG analyzes transportation travel data in a meaningful way to

inform decision-makers about travel needs. Clients include public agencies and municipalities in urban areas of all sizes, university transit systems, state DOTs, and the FTA, as well as national and international engineering and consulting firms. **MARLIN and CTG have an outstanding working relationship. CTG supported MARLIN in the development of the FDOT District 6 Doral Subarea Freight Plan providing subarea modeling analyses for low, medium and high freight scenarios resulting from alternative investments in air, sea and rail freight.** CTG is woman-owned and certified as a Disadvantaged Business Enterprise (DBE) with offices in Fort Lauderdale, Atlanta, Los Angeles, Chicago, Orlando, and suburban Washington, DC. ***CTG will provide support in Multimodal Transportation Planning, Traffic Studies, and Transit Planning efforts.***

CUMMINS | CEDERBERG Coastal & Marine Engineering

CUMMINS & CEDERBERG, INC. (C&C)

C&C is southeast Florida's largest professional engineering firm uniquely **specialized in the coastal and marine environment with offices in Fort Lauderdale, Miami, Jupiter, and Tallahassee.** The firm was founded by Jason Cummins, PE, and Jannek Cederberg, PE and has steadily grown to a full service coastal and marine engineering practice that can lead projects from start to finish. The C&C team of engineers and marine scientists provides unique comprehensive experience ranging from initial field investigations such as **bathymetric surveying, tide/current/wave measurements, underwater structural inspections, environmental assessments/permitting, and soil borings** to detailed analyses utilizing complex computer models and the engineering design and permitting of **coastal dredge and fill projects, marine structures, seawalls, marinas and ports.** ***C&C will provide support in Coastal & Marine Engineering.***

DOVER, KOHL & PARTNERS town planning

DOVER, KOHL & PARTNERS, INC. (DOVER-KOHL)

Dover-Kohl was founded in 1987. Their expertise lies in balancing the visionary 'civic art' of planning with the practical consensus building needed to make projects succeed. Dover-Kohl **plans focus on traditional neighborhood design and smart growth**, emphasizing that there does not have to be a trade-off between livability and economic prosperity. Victor Dover and Joseph Kohl are charter members of the Congress for the New Urbanism and have worked for many public agencies, developers, and citizen groups to create appropriate methods of land development regulations. They are trained in the principles of traditional town planning and architecture and have perfected techniques for gathering meaningful community input. Dover-Kohl projects have been recognized by leading planning and urbanism organizations. **Recent awards have included the Charter Award of Excellence by the Congress for the New Urbanism, awards from state and regional chapters of the American Planning Association (in Florida), as well as recognition from the Form-Based Codes Institute, the National Association of Homebuilders, and the American Institute of Architects and the EPA.** ***Dover-Kohl will provide support in Transportation Engineering, Urban Street Design, Intersection Design, Bicycle and Pedestrian, Wayfinding, and Parking Management.***



E SCIENCES, INC. (E SCIENCES)

E Sciences is an **environmental engineering and ecological consulting** firm providing a wide range of services to clients in both the public and private sectors. E Sciences was formed in 2000, bringing together a team of professional and technical staff members with a long history of successfully executing projects throughout Florida. They provide a **full range of environmental services to identify, remediate and resolve issues related to contamination of soil and groundwater.** The firm has extensive experience investigating and re mediating surface and subsurface environments for a variety of contaminants from petroleum, chlorinated solvents and other hazardous materials and are intimately familiar with geological and hydrogeological systems. The environmental staff includes registered professional engineers and geologists, and degreed scientists whose expertise provides a comprehensive combined set of skills that support our clients' goals through and even beyond the planning, design and construction phases of projects. E Sciences philosophy is based on responsiveness, expertise and creating value for our clients. ***E Sciences will provide support in Environmental Engineering.***



FLORIDA IT ENGINEERS, LLC (FITS)

As a Broward County based engineering firm, FITS specializes in traffic engineering studies, Transportation System Management and Operations (TSM&O) studies & implementation, Intelligent Transportation Systems (ITS) Planning & Design, traffic signal operation and signalization. FITS is a FDOT certified DBE/SBE firm, as well as a Broward County certified CBE firm. Most recently, FITS is the **FDOT District 4 consultant to deliver the I-95 CCTV Camera Replacement, Miami-Dade County GEC consultant to support the County Traffic Signal Modernization project, as well as the FDOT District 4 Traffic Engineering Minor Design consultant**. FITS is highly capable of providing services for the traffic studies and analysis, ITS design and analysis, transit signal priority (TSP) planning and study for this project. Bo Gao, PE, PTOE has 21 years of professional **experience in traffic engineering, ITS, TSM&O, traffic signal operations and design**. He has in-depth knowledge of the FDOT study and design standards and proven track record of successfully delivering many traffic engineering and ITS projects, including the TSM&O Master Plan for FDOT District 4. **Carlton Copeland, IMSA III** will lead the efforts of traffic engineering studies and traffic signal timing and operations. He has more than 35-years of experience in traffic engineering and ITS with **extensive hands-on experience on the Trafficware ATMS.now system that is currently utilized by the Broward County**. *FITS will provide support in TRAFFIC ENGINEERING, TRAFFIC SIGNAL, MOT PLANS DESIGN/REVIEW, CCTV SERVICES AND EFFICIENCY ANALYSIS.*



IF ROOKS & ASSOCIATES, LLC (IFR)

IFR is a full service aerial mapping and photogrammetric firm, serving clients throughout South Florida since 1970. Since that time, IFR has provided a full suite of **photogrammetric solutions including Low Altitude Photogrammetry and Aerial LiDAR as well as Terrestrial Mobile LiDAR (TML)**. IFR experience in photogrammetry ranges from digital orthophotos and Helicopter (Low-Altitude) Mapping for FDOT roadway projects to detailed GIS base mapping of municipalities, major power producing plants, airports and university campuses. *IFR will provide support in Photogrammetric Mapping.*



KEITH & ASSOCIATES, INC. (KEITH)

KEITH was incorporated as a Florida corporation in 1998. For over 22 years, KEITH has been providing civil, transportation engineering, planning and landscape architecture services. The firm was founded on the principle of achieving success by combining the latest technology with client-oriented business practices, and a staff of experienced and talented professionals. KEITH has **extensive experience in providing civil engineering services required for the development or redevelopment of land, including the permitting, design, coordination and construction of roadway/parking area(s), stormwater, potable water, utility, and wastewater systems**. Recognizing and expecting that each development or redevelopment project has its unique site issues, KEITH performs a thorough investigation into these issues to avoid planning, design, coordination, and construction issues. KEITH's engineers have the knowledge and expertise to meet the needs of a wide variety of general civil engineering issues. *KEITH will provide support in Civil Engineering, and Hydrology and Hydraulic Engineering (Drainage, Stormwater, & Sewer).*



LAKDAS/YOHALEM, ENGINEERING, INC. (LYE)

LYE is a medium sized professional civil and structural engineering firm that has been in operation **in Fort Lauderdale since 1970**. LYE has completed over 5,500 projects with over 1800 commercial and public building projects during the past 50 years in South Florida. The firm has performed similar engineering and inspection services for Broward County and multiple municipalities such as the City of Fort Lauderdale, City of North Lauderdale, City of Lauderhill, City of Hollywood, and the City of Pompano Beach. They are FDOT Certified

and Threshold Inspectors. Staff members are **Professional Engineers, state Certified General Contractors, and registered Special Inspectors who have in depth knowledge of design, inspection and constructability of building and engineering projects.** LYE offers a variety of inspection and engineering services which include threshold and site inspections, feasibility studies, design and condition survey of structures, restoration damage assessments, value engineering and constructability review. ***LYE will provide support in Civil and Structural Engineering and Special Inspector of Threshold Building.***



MASTER CONSULTING ENGINEERS, INC. (MCE)

MCE is a structural engineering firm providing **structural design, threshold inspections and forensic engineering** services for over 21 years. MCE was established in Tampa, Florida, in 1999, with offices in **Fort Lauderdale** and Orlando. Currently, MCE has grown to a staff of 24 employees, including 7 registered professional engineers with over 150 years of proven combined experience. Since its founding, MCE has extended these services to the entire United States, while maintaining their Small / Minority status. MCE's diverse portfolio of projects varies from half a million to \$ 1 billion in construction costs for a wide range of projects, including large-scale design and construction projects, additions and renovations, and small repairs. The MCE team continues to participate individually in each project presented, ensuring that the same experience and passion that founded the firm is poured into each structure we design. ***MCE will provide support in Structural Engineering.***



MILLER LEGG AND ASSOCIATES INC. (MILLER LEGG)

Miller Legg is a statewide **award-winning** consulting firm that brings together the elements of **landscape architecture** and urban design, engineering, surveying, planning, environmental wetlands consulting, and geographic information systems, and arborist services. Established in 1965, Miller Legg employs a staff of over 53 professionals and technicians including **certified arborists.** The firm's landscape architecture services include **planting, hardscape, irrigation, streetscape beautification, urban design, complete street design, recreational and commercial planning, project theming, signage design, graphic design, contract administration, construction observation, plan review, horticultural consulting and arboriculture.** Miller Legg has been involved with Landscape Architecture for streetscape projects throughout South Florida for more than 25 years. The firm has locations in Fort Lauderdale, Miami, and Port St. Lucie. ***Miller Legg will provide support in Landscape Architecture.***



NOVA ENGINEERING AND ENVIRONMENTAL, LLC (NOVA)

NOVA was founded in 1996 in Georgia. Since its inception, NOVA has grown to a nearly 350 person multidisciplinary consulting firm with 15 offices in the Southeast including offices in **Fort Lauderdale**, Miami, Fort Myers, Panama City Beach, Pensacola, Tallahassee, Jacksonville, and Tampa, Florida. NOVA provides **environmental consulting, geotechnical engineering, construction materials testing and special inspection services, roofing, building envelope consulting, forensic engineering, and non-destructive testing** to the design and construction community. They hold numerous certifications with FDOT, Construction Materials Engineering Council, Army Corps of Engineers, and Miami-Dade County. ***NOVA will provide support in Geotechnical Engineering, Construction Material Testing Inspections, and Roofing Services.***



SSN ENGINEERING, LLC (SSN)

Established in 2011, SSN provides civil engineering consulting solutions. SSN has offices in South Florida and is certified and pre-qualified with FDOT, cities, and counties. SSN provides a wide array of **engineering services including analyzing, planning, specifying, designing, and managing construction of roads, drainage/flood management systems, water and waste water systems, public parks and other facilities.** SSN is experienced in

preparation of contract documents, roadway plans, typical section package, signing and pavement marking plans, construction details, MOT plans, permits, drainage design, utility coordination, final quantities and estimates, and final plan submission reviews. **Specific experience in stormwater design** includes Kirk Cottrell Beach Pavilion in Deerfield Beach, Midtown Miami in Miami, and Cairo lane and NW 127th Street in Opa Locka. **SSN will provide support in Hydrology and Hydraulic Engineering (Drainage, Stormwater, & Sewer) services.**



STV INC. (STV)

Founded in New York City in 1912, STV is an **award-winning** professional firm providing mechanical, plumbing, electrical engineering, architecture, planning, and construction management services for more than 100 years. STV offers clients a broad range of multidisciplinary expertise in the A/E industry and immediate access to a large talented pool of local MEP and fire protection engineers with added value of in-house structural engineers to further strengthen their engineering services and construction support resources. With local staff based in Miami, STV is capable of delivering the full range of assignments required, including **lighting design, conditional inspection of in-service buildings, new/renovation design of mechanical (HVAC), electrical, plumbing, fire suppression, and communication systems.** **STV will provide support in Mechanical, Plumbing, and Electrical Engineering services.**



VALERIN GROUP, INC. (VALERIN)

Valerin is a woman-owned, **full-service communications firm, specializes in public involvement, community outreach, marketing, graphic, website design, multimedia, drone and bilingual services.** Valerin's talented staff of communications and creative professionals have more than 375 years of combined experience and have worked on over **500 transportation and public utility projects** for public sector clients including municipalities, counties, FDOT, expressway authorities, and transit agencies. For over the past 13 years, Valerin has provided community outreach and public engagement for a variety of transportation projects and initiatives including the high-profile FDOT I-75 at University Parkway Diverging Diamond Interchange (DDI) situated on the line between Sarasota and Manatee Counties – the first of its kind in Florida and the largest in the nation as well as the current US 41 at 10th and 14th Streets roundabouts. **Valerin will provide support in Public Involvement and Community Outreach Strategies.**



WALKER CONSULTANTS (WALKER)

Walker is a **global leader in providing parking consulting and parking design** services. Established in 1965, Walker pioneered the field of parking consulting; their staff literally wrote the book on the planning, design, construction, maintenance and repair of parking structures that many within the parking industry consider an essential reference resource. Walker staff has also provided professional guidance for design manuals and publications from ULI, AIA, ITE, and a number of other organizations. With a corporate staff of more than 300 and a resume of more than 2,500 parking structure designs across the 50 states and in 41 foreign countries, no other firm can demonstrate the breadth of design expertise that Walker can provide. Walker has **specific experience working with the City of Fort Lauderdale providing Parking Consulting Services, where they have conducted market and financial analysis of the City's parking enterprise including projections of the operating revenue, operating expense, capital expense, and debt service of the parking enterprise over a ten year period.** **Walker will provide support in Parking Management Strategies, Planning and Design services.**

building inspections, pavement coring, rock core testing, lake siltation studies and environmental drilling. AE Engineering's (AE) also contributes services in this area and will be used to provide depth of staff and ensure availability.

SIMILAR PROJECTS INCLUDE:

- » Florida Turnpike General Engineering Consultant Services
- » Interstate 75 (I-75) Express Lanes Segment E from North of Griffin Road to I-595, FDOT 4
- » Interstate 4 (I-4) Segment 3 Beyond the Ultimate, Orlando, FL

STRUCTURAL ENGINEERING

Julie Vers, PE (MARLIN) is the Task Leader for Structural Engineering. Julie and MARLIN have significant experience in state, county, and municipal projects including project management and structural design/rehabilitation of bridges, sign structures, marine structures, retaining walls, foundations, various miscellaneous concrete, steel, and wood structures, and bridge inspection. She has extensive knowledge in computer applications for structural design and analysis including, MathCad, STAAD, CONSPAN, DESCUS I, MDX, FB-Pier, L-Pile, FDOT Box Culvert Program, FDOT Span Sign Program, FDOT Mast Arm Program, Microstation, and AutoCAD. The Team also includes Lakdas/Yohalem Engineering, Inc. for structural engineering services with experience on institutional buildings, communications towers, parking garages, water treatment plants, emergency power stations, marinas, port and airport facilities. Bridge and highway miscellaneous structures.

The Team will also be supported by Cummins|Cederberg Coastal and Marine Engineering, Master Consulting Inc. to provide a broad range of structural engineering support including coastal, marine, tunnel, signal structures, wayfinding signage, CCTV structures, Dynamic Message Sign Structures (DMS), strain pole cable systems.

SIMILAR PROJECTS INCLUDE:

- » Asset Management of Movable Bridge and Fender Systems FDOT District 6
- » Districtwide Asset Management FDOT District 6
- » Traffic Signal Mast Arms & High Mast Light Poles Inspection FDOT District 6
- » South Florida Rail Corridor (Tirail) General Engineering Contract FDOT District 4
- » Town of Bay Harbor Islands Resiliency and Seawall Condition Assessment
- » Crandon Park Marina
- » Miami North District Wastewater Treatment Plant
- » 8 new stand-alone multi-story parking garages, Over 10 multi-stories residential buildings with parking garages, Over 5 multi-stories commercial buildings with parking garages
- » 12 water and wastewater treatment plants expansion projects

- » 6 solid waste treatment plant renovation and expansion projects
- » 14 water and wastewater treatment plant renovation projects
- » 9 Marinas (Over 100 Slips)
- » 64 Residential, multi-residential, docks and seawalls

MECHANICAL & ELECTRICAL ENGINEERING AND PLUMBING

Jorge Leon, P.E., (STV) will lead the MARLIN Team for Mechanical Electrical and Plumbing (MEP) services. The depth and breadth of resources will maximize schedule efficiencies. With local staff based in Miami, STV is capable of delivering the full range of assignments required, including lighting design, conditional inspection of in-service buildings, new/renovation design of mechanical (HVAC), electrical, plumbing, fire suppression, and communication systems. STV will also be supported by Walker Parking and Master Consulting Inc. for peer review and a depth of staffing.

SIMILAR GENERAL ENGINEERING CONTRACT CLIENTS FOR SURVEY INCLUDES:

- » Miami-Dade County, Miami-Dade County Parks and Recreation, FDOT District 6, FDOT District 4

TRANSPORTATION ENGINEERING

MARLIN has outstanding multi-modal transportation planning services and state-of-the-art data collection services that will be led by Jeff Weidner, MSP (MARLIN). Our traffic engineering team has conducted intersection, congestion management, traffic calming, traffic/pedestrian and bicycle safety studies, arterial and expressway data collection and analysis for many clients in the last 29 years. Our Traffic Team Leader is Myra Patino, PE (MARLIN) who has 25 years of experience providing extensive transportation engineering services. She is proficient in traffic engineering and operations studies, traffic calming studies, traffic impact analysis, roundabouts and traffic circles, signal warrant and speed studies, public meetings and technical writing. Her areas of focus concentrate on traffic operations, traffic studies, access management, and pedestrian safety. MARLIN has extensive experience with Synchro, TrafficSIM, Sidra, and outstanding microsimulation experience with VISSIM.

Bo Gao, PE, PTOE, IMSA II (FITS) will lead intelligent transportation system (ITS), Autonomous and Connected Vehicle (AV/CV) efforts. He has over 21 years professional experience on Transportation Systems Management & Operations (TSM&O), ITS design and implementation, and traffic signal systems operations. Bo has broad experience with FDOT and Broward County Traffic Engineering Division (BCTED) having managed the FDOT 4 districtwide TSM&O master plan development, I-95 Express Lane before and after study, and active arterial management strategy development in Broward County and was the project manager of FDOT

District 4 and 5 TSM&O Continuing Service Contract.

Ashutosh Kumar, (CTG) will lead data driven planning techniques, travel demand model development and forecasting, traffic and transit ridership estimates, and New Starts/Small Starts analyses. Ashu's work experience includes travel demand models for numerous metropolitan regions across the US. He is also experienced in the FTA's New Starts modeling process and has helped FTA develop and refine data-driven tools such as Aggregate Rail Ridership Forecasting (ARRF) and Simplified Trips-on-Project Software (STOPS).

SIMILAR PROJECTS INCLUDE:

- » 17th Street Protected Bike Lanes and Combination Bus/Bike Only Lanes, Miami Beach
- » Young Circle Roadway Redesign including Microsimulation, Hollywood CRA
- » Transportation Systems Management and Operations FDOT District 4
- » Districtwide Traffic Operations / Safety Studies, FDOT District 4
- » Transit Signal Priority Implementation on the Miami-Dade Transitway, Miami-Dade County DTPW
- » Pedestrian Connected Vehicle Safety Design/Deployment Project, FDOT District 5
- » Southeast Florida Regional STOPS Transit Ridership Model Development, FDOT 4
- » Doral Freight Improvement Plan, Doral, FL

HYDROLOGY AND HYDRAULIC ENGINEERING

MD Rahman, PE (SSN) will lead civil engineering services related to drainage design, water supply, water distribution, wastewater collection, stormwater management, project management, and construction inspection. SSN's expertise ranges from initial project planning and development to construction management. They are experienced in serving a diverse group of clients, including private developers, cities, counties, municipalities, drainage districts, and FDOT and provide project management, development of innovative project specific design solutions, building coalitions and proactively communicating with the cities, counties, state regulatory agencies, environmental groups, and other entities to solve and evaluate input for implementation.

SIMILAR PROJECTS INCLUDE:

- » SR-90/SW 8th STREET AT SW 150th AVENUE DRAINAGE ASSESSMENT, FDOT District 6
- » SR 874/Design Engineering for SR 874 from Kendall Drive to SR 826, Miami-Dade Expressway Authority
- » Miami-Dade Stormwater Master Plan Update, Miami-Dade County

PARKING MANAGEMENT CONSULTING SERVICES

Jim Corbett, CAPP (Walker) will lead the parking management and design services. Jim is an innovative parking executive

with 20 years of successful parking operation leadership and fiscal governance. Jim joined Walker in 2015 after a ten-year career as the Parking Division Manager with the City of Tampa where he managed a 17-million dollar annual budget and operates thirty off-street locations with 11,372 spaces and 1,700 on-street metered spaces. His experience also includes market financial analysis, supply/demand studies, parking management and paid parking strategies.

The MARLIN Team bench of expertise for parking projects is very deep – MARLIN has experience planning and implementing express bus park and ride lot systems, shared parking analysis, wayfinding; ACAI developed the design criteria package for the Tri-Rail operations center and parking garage; CTG brings to the table a regional park and ride lot estimation model; Dover Kohl Partnership (DKP) are experts in on-street parking and complete streets design; Keith brings parking lot design and on-site circulation and Ladkas has outstanding experience in structured parking design. This bench of experts provides for peer reviews availability and full commitment to the City.

SIMILAR PROJECTS INCLUDE:

- » Parking System Financial Analysis, Fort Lauderdale
- » Parking Planning Study and Market Financial Analysis, Daytona Beach
- » Supply/Demand Study, Parking Management Study and Parking Policy Review, Fort Meyers
- » Parking Management Study and Paid Parking Strategies, Hollywood
- » SFRTA Operations Center and Parking Garage Design-Build
- » Park and Ride Lot Demand Estimation Model, FDOT District 4
- » Broward Boulevard Park and Ride Lot I-95 Express Bus Retrofit, FDOT District 4
- » Sheridan Street Park and Ride Lot Affordable Housing Joint Development Shared Use Parking Analysis, FDOT District 4
- » Panther Arena I-595 Express Bus Park and Ride Lot Retrofit, FDOT District 4

LANDSCAPE ARCHITECT CONSULTING SERVICES & ARBORIST

The MARLIN Team will include landscape design and concepts into all transportation as it is a fundamental to safe, comfortable and convenient transportation facilities. Brian Shore, RLA (Miller) will lead the design team with outstanding experience in landscape architectural design and landscape construction services for a variety of public and private projects. Brian has significant experience in environmental consulting in Florida and is responsible for overseeing and performing studies and investigations on biological and ecological impacts affecting the firm's projects. Dylan Larson will be responsible for overseeing and performing studies and investigations on biological and ecological impacts



affecting projects. Environmental services will range from wetlands remediation, environmental mitigation, and permitting with numerous agencies including, but not limited to, the USACE, SFWMD, Broward County and the City of Fort Lauderdale.

SIMILAR PROJECTS INCLUDE:

- » NW 21st Avenue Streetscape, City of Oakland Park
- » Sistrunk Neighborhood Phase III Pedestrian Enhancements – FDOT District 4
- » SR 838/Sunrise Blvd. Bridge over Middle River, FDOT District
- » FXE Parcel 21B NRA Native Vegetation Protection & Tree Inventory, Fort
- » Mills Pond Park Environmental Construction Observation, Fort Lauderdale

CIVIL ENGINEERING

The MARLIN Team is experienced in development of construction plans for major and minor design projects for all modes of transportation. MARLIN brings multi-disciplinary design knowledge experience in complete streets, greenway design and streetscapes and we have worked to build consensus on controversial projects and continue to support local planning agencies and cities in the planning, design and implementation of projects that will help build truly livable communities.

The Task Leader for this service area is Aysel Freda, PE (MARLIN). Aysel brings 15 years of experience in the design, engineering, and construction of roadway, complete streets and highway projects including alternative design projects. Her expertise includes providing technical design for various highway projects throughout Florida as well as preparing construction contract plans for complex highway projects for the state, county and cities. Prior to joining MARLIN, Aysel spent 12 years with FDOT District 4 where she served as Consultant Project Manager, District 4 Pavement Design Engineer and Roadway Designer, for FDOT's Roadway Design Division. Aysel oversees the entire MARLIN design staff's efforts to ensure projects are context sensitive, constructible and biddable. The MARLIN Plantation office is where planning meets design. Jeff Weidner and the Planning Team are committed to developing creative, multi-modal design projects that are vetted through Aysel's design team for right-of-way and utilities impacts and to develop accurate cost estimates.

Betsy Jeffers, PE (MARLIN) is the overall contract Project Manager and has extraordinary experience in moving complete streets projects from concept, to programming to construction. Betsy served as the FDOT Program Manager for the Broward Mobility Initiative, working together with

the Broward MPO and other Broward County municipalities such as cities of Fort Lauderdale, Hollywood, Pompano Beach, Coconut Creek, as well as others, to educate and assist the locals on project feasibility, and she assisted in moving over \$300 million in bicycle and pedestrian projects. Our Design Team's hard work, excellence and creativity have been recognized in the last few months being awarded:

- » The 2019 State of Florida American Council of Engineering Companies Outstanding Major Project of the Year- SR 997/Krome Avenue Reconstruction/Vision Zero project
 - » The 2020 Miami-Dade, Broward and Palm Beach M/TPO Safe Streets Summit People's Choice Award for best "Urban" Complete Streets Demonstration Project – Downtown Hollywood Boulevard Complete Streets
 - » The 2020 South Florida Branch of the American Public Works Association Outstanding Achievement in Planning, Designing and implementing the SW 100 Avenue Stormwater Retrofit project for the Town of Cutler Bay
- The MARLIN Team also has extensive water and sewer engineering expertise to address the City's most pressing issue. Stephen Williams, Sr. PE (Keith) has vast experience with studies, designs, permitting and construction administration tasks associated with water distribution and sanitary sewer collection systems. Stephen and KEITH's inspection staff have expertise with all AWWA/Florida HRS testing requirements of water distribution systems and all FDEP testing requirements for gravity/ force main sanitary sewer collection systems. KEITH was responsible for designing many miles of sanitary sewer force main and water main relocations and upgrades associated with the construction of the South runway at Fort Lauderdale Airport.



Rafael G. Oranday, LEED (ACAI) has specifically been brought on board to assist in the design of safe, comfortable and convenient transit stops in the City. ACAI has extensive experience in Miami Beach where they are now installing more than 250 of ACAI designed stops and also managed a Broward County Transit (BCT) turnkey project that involved over 5,000 bus stop locations. The project included planning, prioritizing design, post-design and construction management services to bring the system into ADA compliance.

CONSTRUCTION MANAGEMENT AND CONSTRUCTION ENGINEERING INSPECTION

The construction management service area will be overseen by Mr. Rafael Lagos, PE (MARLIN). Rafael has more than 25 years of civil engineering experience in Structures, Roadway Design, Plans Production, Traffic Control Design, Permitting, Utility Coordination and Construction Management. Rafael recently managed the \$80 million construction of Krome Avenue for FDOT District 6. Rafael will be supported by German Sanchez (MARLIN) who has experience in construction management, railroad crossing quiet zone compliance and inspection on roadway, railroad and urban construction projects. Rafael and German will be supported by a host of MARLIN engineers and senior technicians. MARLIN's experience includes participating in public information meetings, interagency coordination, maintenance of traffic and preparing and submitting final reports to the owner. MARLIN also supported the City of Fort Lauderdale as the Construction Public Information Officers for the 13th Street Lane Repurposing Project as the community and the businesses along the corridor were very concerned about the loss of travel lanes and impact to businesses during construction.

The MARLIN Team includes many firms and experts for CEI to meet the needs of the City CIP and to ensure that all types of projects and areas of concern are have appropriate oversight during construction including roadway, railroad, marine and coastal, structural, transit, landscaping, drainage, MEP and environmental concerns.

James Newman, (AE) has 25 years of experience in CEI as well as an extensive background in construction services and ITS. He is highly competent in performing detailed construction inspection and is thoroughly familiar with Florida Department of Transportation ITS standards and specifications including stand alone, sub-system and system.

SIMILAR PROJECTS INCLUDE:

- » Construction Management Krome Avenue Reconstruction Vision Zero Safety Project, FDOT District 6
- » Biscayne Trail Segment C, Miami-Dade County
- » SW 100th Avenue, Cutler Bay
- » South Florida Rail Corridor Dynamic Envelope, Railroad Crossing Rehab and Quiet Zone Compliance, FDOT District 4
- » NW 92nd Avenue, Doral
- » Highland Village Sewer Connection, North Miami Beach

COMMUNITY OUTREACH

Lisa Maack, AICP (MARLIN) will lead public engagement activities and be supported by Jeff Weidner, Christina Fermin, AICP, LEED Green, (MARLIN), Eric Katz, AICP (MARLIN) and the staff and resources at Valerin Group Inc. Lisa Maack has 17 years of planning and environmental experience and is responsible for managing the firm's outreach, MPO, policy planning, and environmental disciplines across the State of Florida. Lisa also manages projects including multi-modal

corridor analyses, complete streets projects, transportation demand management and greenways and trails projects. She has extensive experience in facilitating public involvement meetings to ensure community input at the planning phase through social media, public meetings and innovative outreach. Lisa will develop a unique and robust public involvement plan that is tailored to meeting the needs of each work order. We understand that the Fort Lauderdale neighborhoods and stakeholders are very engaged, and outreach and consensus building is critical to each and every project. Lisa Maack will meet and discuss the approach to each project with Lisa Maire Glover so we can map out a unique plan for consensus building and transparency. Nanea Marcial (Valerin) has extensive experience with the federal ADA and Title VI requirements and Florida's Sunshine Law. As part of our community outreach strategy development, we will engage under-served, under-represented and Limited English Proficiency (LEP) community members.

SIMILAR PROJECTS INCLUDE:

- » Chase Avenue/34th Street Shared Use Path Feasibility Study, Miami Beach
- » City of Ft. Lauderdale Transit-Oriented Development Planning Study, Fort Lauderdale
- » Broward Boulevard East Transit Corridor Study, FDOT District 4
- » Broward Boulevard West Transit Corridor Study, FDOT District 4
- » Martin County Railroad Grade Separation Feasibility Study, Martin MPO
- » SW 10th Street Connector from Turnpike/Sawgrass Expressway to I-95, Broward MPO
- » Pedestrian Improvements along NW 24th Avenue, NW 22nd Avenue, NW 19th Avenue, NW 18th Terrace, NW 29th Street, NW 28th Street, NW 27th Street (west of 21st Avenue), NW 27th Street (east of 21st Avenue) Design, FDOT District 4

PLANNING

COMPREHENSIVE TRANSPORTATION PLANNING-LEVEL STUDIES

MARLIN has a full staff of AICPs, PEs, engineers, planners and technicians that are passionate about transportation and transit planning and operations as well as multi-modal first mile/last mile connections that are critical to the success of transit projects. Jeff Weidner's experience includes the development of the TriRail Feeder Bus System Operations Plan, the Wave Streetcar for Downtown Ft. Lauderdale and the highly successful I-95 and I-595 Express Bus Park-and-Ride Lot System. Jeff is also an expert at capital cost estimation for transit systems as well as operations costing. Jeff recently managed the development of operations alternatives and cost estimates for multiple scenarios for Palm Tran's US-1 route utilizing GIS analysis of Automated

Vehicle Location data to game peak period, span of service, headways, and routing alternatives for enhanced services.

MARLIN is currently managing the Town of Cutler Bay Townwide Traffic Calming Plan and a Townwide Transit and Mobility Hub plan, the Village of Palmetto Bay Villagewide Transit and Mobility Hub plan, and has recently completed the City of Doral Subarea Freight Plan. MARLIN was recognized by the State Planning and Zoning Association in 2015 for our work on the Palmetto Bay Downtown Master Plan where we were tasked with analyzing and documenting the results of existing and phased future transportation impacts of proposed dense downtown redevelopment, including how trips could be internalized between complementary land uses.

DKP are a major sub-consultant leading the Team on System-wide land use planning and visualization/GIS as well as providing support on subarea/corridor and station area planning, visioning and presentations. Their approach is to balance the “civic art” of planning with the practical consensus building needed to make projects succeed. They are trained in the principles of sustainable town planning, and have perfected techniques for documenting and understanding local traditions in building to enhance each community’s sense of place. Their plans are entirely consistent with the Fort Lauderdale Vision as their codes focus on smart growth, sustainability, and emphasizing that there does not have to be a trade-off between livability, safety, economic prosperity, and environmental concerns.

Tim Crobons, (CTG) has experience with a wide variety of transit related projects including service plans and O&M cost estimates for systems plans. Tim will play a significant role participating in, and reviewing and commenting on the Fort Lauderdale Strategic Master Plan the MPO is developing. Tim has over 30 years of transportation planning experience. His experience includes a variety of transit projects around the country with an emphasis on short and long-range transit planning and operational efficiency analysis. Tim’s experience includes FTA Section 5309 New Starts Corridor level projects (AA, DEIS, FEIS, PE), Short-Range and Long-Range transit service plans, Comprehensive Operations Analyses (COA) / system restructuring and efficiency plans, Transit Development Plans and Systems Planning.

Robert Modys, (Keith) has considerable experience leading and managing transportation planning projects including regulatory, policy, and enforcement of the first permanent dockless scooter permit program in the State of Florida. Robert previously worked at the City of Fort Lauderdale and as a Planner for Broward County Planning Council. Robert is a highly creative, analytical, solution-oriented, organized, and enthusiastic urban planner, providing project/client management, land entitlement, assisting in code research and compliance, development of graphics, illustrative and support diagrams, as well as preparing regulatory permitting

applications, with a strong passion for new mobility and emerging technologies.

SIMILAR PROJECTS INCLUDE:

- » Palmetto Bay Townwide Traffic Calming Plan, Palmetto Bay
- » SMART Moves Grant for Townwide Transit and Mobility Hubs, Palmetto Bay and Miami-Dade TPO
- » Cutler Bay Townwide Traffic Calming Plan, Cutler Bay
- » TBARTA Regional Master Transit Plan, Tampa, FL
- » Regional Transit Data Collection Plan, FDOT District 4
- » SEVEN50, the Prosperity Plan for Southeast Florida, Treasure Coast and South Florida Regional Planning Council.
- » El Paso Comprehensive Plan, El Paso, Texas
- » Bradenton Form-Based Code, Bradenton.

COMPREHENSIVE SERVICES FOR CITY TRANSPORTATION RELATED PROJECTS & INITIATIVES

A major goal for this project is to create communities that are safe, connected and inclusive. Numerous studies have shown that incorporating Complete Streets into city design allows for better safety and mobility by promoting active transportation and enhancing public spaces and rights-of-way. Practically every single member of our team has worked on Complete Streets and pedestrian and bicycle safety projects from planning to design to programming. Lisa Maack, AICP (MARLIN) is the Task Leader for this Service Area and she will lead MARLIN’s staff in the development of innovative transportation projects that generate economic development.

MARLIN has assisted various communities in creating safer streets and supporting mobility for all users. In the City of Hollywood, we managed the design, and participated in the construction inspection, of the recently completed Hollywood Boulevard Complete Streets Project and are now working for the TY LIN/Miami DDA on the US-1 Biscayne Green project to repurpose lanes for on-street parking and to reactivate the street.

MARLIN has a depth of resources and experience to address pedestrian and bicycle safety. MARLIN has performed hundreds of intersection safety projects for FDOT Districts 4 and 6, prepared the Miami-Dade County 2015 through 2018 Safe Routes to School applications that resulted in more than 20 successfully funded projects and both Jeff and Lisa are former FDOT District 4 Alert Today Alive Tomorrow Champions who led the FDOT safety campaign for five Counties.

From federal to community level grants, MARLIN has the expertise to research, write, submit, manage, and report on grant related projects. Regarding research, MARLIN subscribes to the national grants database Foundationcenter.org which provides MARLIN the ability to actively research



potential funders, and strategically align city projects with matching grants including non-profit, state and federal sources of grant opportunities. In our work for the Broward MPO Complete Streets Master Plan 38 eligible grant opportunities.

We strongly believe Vision Zero can be advanced and achieved in our lifetimes! AV/CV technologies are rapidly enhancing the safety and mobility of the transportation network. These technologies include Vehicle-to-Vehicle (V2V), Vehicle-to-Infrastructure (V2I) and Vehicle-to-Everything (V2X). They are applied in different forms on network related applications such as platooning, maximizing throughput and responding the presence of humans and animals respectively to stop crashes. MARLIN has the expertise and demonstrated experience to advance these technologies that will enable transportation quality of service (end-to-end mobility) and reliability (consistent travel times) in addition to safety (saving lives) by providing technical services and a road map to advance technology deployments within Fort Lauderdale both for passenger and freight movement. C/AV technologies will change the way transportation systems will be operated and managed to deliver quality services to enhance “user experience”.

SIMILAR PROJECTS INCLUDE:

- » Miami-Dade County Protected Bike Lanes Master Plan, Miami-Dade TPO
- » 2015, 2016, 2017 and 2018 Miami-Dade County Safe Routes to School Applications, Miami-Dade TPO
- » SMART Move Municipal Grant Applications, Miami-Dade TPO
- » Transportation Safety Studies, FDOT District 4
- » Transportation Safety Studies, FDOT District 6
- » 17 Street Bike Lanes and Combination Bus/Bike Lane Feasibility Study, Miami Beach
- » US-1 Biscayne Green Lane Repurposing Study, TY LIN, Miami DDA and FDOT District 6
- » Comprehensive Assessment of the Benefits of Connected and Automated Vehicles for Older Drivers, USDOT Sponsored Project, FAMU-FSU

TRAFFIC COUNTING SERVICES & ANALYSIS

MARLIN has unparalleled data collection and processing services. The Task Leader for this area is Harold Pantaleon. Harold has 10 years of experience in traffic engineering, freight, GIS, transportation planning data collection and construction supervision. He is responsible for developing data collection studies and analyses such as: classification/truck count trends, origin/destination analysis, turning movement counts, spot speed studies, approach counts,

gap, travel time and delay and crash analyses. Harold is also a FAA Part 107 Certified Drone Pilot.

MARLIN has a comprehensive set of data collection devices including drones for overhead views of traffic, pedestrian, bicycle and transit movements, roadway tube counters to collect vehicle classification counts to identify cars, motorcycles and all categories of truck sizes and axles, MIOVision cameras to perform intersection counts for pedestrians, bicycles, trucks, buses and cars and we have blue tooth detection devices to track origins and destinations and paths within and through a study area. Harold is currently collecting data for FDOT’s first ever transit, pedestrian and bicycle data collection deployment. To date we have collected data for five locations for BCT and at five Tri-Rail Stations and we will soon be deploying in Indian River, Jacksonville and Gainesville. MARLIN developed the prototype data collection deployment and is utilizing video detection and imaging to calibrate and validate the data. One of the most innovative elements is the ability to track



and count pedestrian mid-block crossing activity.

MARLIN’s expertise and experience in GIS, data analysis, and computer programming includes mainframe applications, web-based training systems, web-based applications, Oracle and Excel databases, and GIS front end to applications. MARLIN has significant experience in the design, development, and implementation of GIS systems and analyses. MARLIN personnel use their expertise in VB6, VB.Net, ASP.Net, Delphi, HTML, Java, to provide general mapping and database assistance to the FDOTs Work Program, Roadway Characterizes Inventory, and Videolog systems.

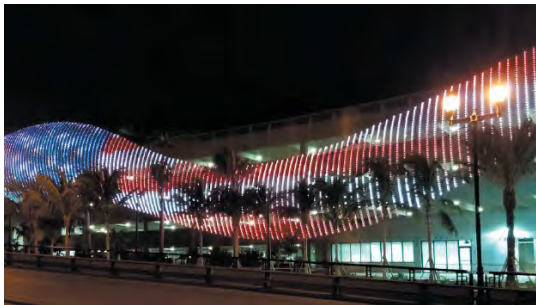
SIMILAR PROJECTS INCLUDE:

- » 1000s of traffic, pedestrian, bicycle, bus, truck and automobile daily traffic and turning movement counts
- » Statewide Bluetooth Data Collection for Florida’s Seaports, FDOT Central Office
- » FDOT Baseline Operations Analysis for Automated Freight, FDOT Central Office
- » Statewide Transit, Pedestrian and Bicycle Data Collection Program, FDOT Central Office
- » Drone Video for Krome Avenue Reconstruction Vision Zero Project, FDOT District 6

PARKING SPECIFIC ANALYSIS & TECHNOLOGIES SERVICES

The parking analysis and technologies service area will be led by Jim Corbet, CAPP (Walker). Jim has specialized experience managing municipal and private parking assets including on-street parking, residential parking, concert arenas and sports stadiums, hospitals, convention centers, performing arts centers, hotels, office buildings, mixed-use surface lot parking and community redevelopment districts. Walker will be responsible for sustainable operation goals, new revenue opportunities, and financial accountability with proven skills in analysis, coordination, creativity and troubleshooting. Verified success initiating projects and programs that boost efficiency and productivity while enhancing community and consumer satisfaction. Parking analysis requires answering the following questions:

- » How many parking spaces do residents, business patrons, and employees need?
- » How should the parking spaces be best allocated throughout the community? Can parking usage be better distributed?
- » Are the City's parking policies and practices aligned to promote sustainability goals? If not, what changes are recommended?
- » What strategies can be cost effectively employed to address immediate needs?
- » How much will the parking improvements cost and what is the financial plan to promote an economically sustainable parking utility?
- » How should these changes and improvements best be implemented?



Our plans will include a thorough evaluation of the City's existing parking conditions with the results used to guide future policy and decision-making within the community. Our approach will identify existing parking resources and usage, as well as identify areas where more parking is needed. The Walker team will use this information to develop recommendations for balancing the parking supply versus the parking demand for the various user groups and promoting alternative solutions. Cost estimates for implementing the recommendations will be included. Our design experience begins with the understanding that

a parking structure is more than just a place to park cars. A parking structure is an extension of the roadway system and therefore should be a logical, safe and comfortable environment where one can circulate and find a parking space in a reasonable amount of time. Equally important is the recognition that the ultimate fruition of good design is the ease with which a pedestrian can transverse the parking structure to reach their destination. With that in mind, Walker has developed a design philosophy that centers upon Level of Service. We can adjust parking characteristics like parking geometrics, lighting, or access control to fit the needs of the client or desired user level. But we can't forget that efficiency is essential for creating an economical parking structure. We believe the "art" of parking design is the successful blending of efficiency with driver comfort and durability. All are trademarks of a Walker Parking Consultants design and the primary reason why we are often retained to serve as the parking consultant of choice.

Construction documents, consisting of plans and specifications, are developed to assist the Owner to solicit bids for the authorized repairs. A review of the applicable building codes will ensure that any repairs or alteration upgrades including structural work, waterproofing, ADA modifications, parking access control equipment installations, lighting replacement, and signage systems meet local and Federal standards. Afterwards, construction administration services are provided, monitoring the work completed to ensure optimal quality of repairs and conformance to repair design documents.

The Project Team also applies sound environmentally sustainable practices in all of their design work including parking. A number of Jim's parking projects have mixed-use elements with pedestrian oriented frontages. These building elements create a sense of place that helps to activate the pedestrian pathway in front of the parking structure, enhances public security and supports the economic viability of the surrounding community. Sustainable design elements include LED lighting, reclaimed water for irrigation, and EV and charging station.

SIMILAR PROJECTS INCLUDE:

- » Design of Las Olas Boulevard Parking Garage, Fort Lauderdale
- » Design of Nova Southeastern Parking Garage, Nova Southeastern University
- » Supply/Demand Study, Alternatives Analysis, Policy Review and Financial Plan, Oshkosh, WI
- » Supply/Demand Study, Paid Parking Revenue Projections, Sarasota, FL
- » Supply/Demand Study, Future Parking Needs Analysis, Stuart, FL
- » Parking Study and Conceptual Parking Design of 1.8 million sf mixed-use development, Midtown Tampa Development Tampa, FL

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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY No. 1					
21. TITLE AND LOCATION (City and State) Hollywood Blvd. Complete Streets Hollywood, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION (If applicable) 2019</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2019		
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2019						
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER FDOT District 4		b. POINT OF CONTACT NAME Scott Thurman, PE					
		c. POINT OF CONTACT PHONE NUMBER 954.777.4135/ scott.thurman@dot.state.fl.us					
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)							
<p>This project located in downtown Hollywood was selected as the 2020 People's Choice Award for Best "Urban" Complete Streets Demonstration project.</p> <p>The City was awarded a grant for approximately \$6.8 million with the condition that the design incorporated various elements of "Complete Streets". For this project, MARLIN used a multimodal approach to roadway design – recommending improvements to create a livable community safe for biking, walking, and transit.</p> <p><u>Improvements include:</u></p> <ul style="list-style-type: none"> » New paving, striping and surface drainage configuration. » New ornamental plantings along the corridor (trees, palms, flowering shrubs and groundcover). 							
<ul style="list-style-type: none"> » New pedestrian crosswalks with center refuge median and center walkway spline, including new pedestrian scale lighting, new colored concrete walks, safer parking configuration, new 5-ft wide bike lanes with buffer zone, and new American with Disabilities Act-compliant (ADA) parking spaces and accessible ways. » 6 pedestrian actuated in-road lighting cross-walks. <p>Geometric design was performed by in-house FDOT District 4. MARLIN was requested to support FDOT to prepare the plans for the signalization, lighting, pavement markings and 6 pedestrian actuated in-road pedestrian crossings.</p>							
							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
<table border="1"> <tr> <td> a. (1) FIRM NAME MARLIN Engineering, Inc. </td> <td> (2) FIRM LOCATION (City and State) Plantation, FL </td> <td colspan="2"> (3) ROLE Roadway Design, Complete Streets, Signalization and Lighting Design, Surveying and Mapping </td> </tr> </table>				a. (1) FIRM NAME MARLIN Engineering, Inc.	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Roadway Design, Complete Streets, Signalization and Lighting Design, Surveying and Mapping	
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY No. <div style="text-align: center; font-size: 1.2em;">2</div>					
21. TITLE AND LOCATION <i>(City and State)</i> Multimodal Transportation Analysis of Young Circle Redesign Hollywood, FL		22. YEAR COMPLETED <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES</td> <td style="width: 50%;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center;">Ongoing</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	Ongoing	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)						
Ongoing							
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER City of Hollywood Community Redevelopment Agency (CRA)		b. POINT OF CONTACT NAME Susan Goldberg, AIA, NCARB, LEED GA					
		c. POINT OF CONTACT PHONE NUMBER 954.924.2980/sgoldberg@hollywoodfl.org					
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>							
<div style="display: flex;"> <div style="flex: 1;"> <p>MARLIN has been hired by the Hollywood CRA to redesign the iconic Downtown Hollywood Young Circle, a 1000 foot wide traffic circle which is a popular recreational, art and cultural destination for both residents and tourists.</p> <p>Young Circle serves all modes of transportation. It serves more than 40,000 motorized vehicles per day, five Broward County Transit (BCT) bus routes and two Hollywood Trolleys. Traffic congestion, pedestrian activity and bus passenger transfers are one of the biggest issues within Young Circle especially during peak seasons. The Hollywood CRA has developed a bold concept to improve the walkability, accessibility, aesthetics, safety and operational aspects of Young Circle to meet the needs and desires of stakeholders and the community. The proposal includes creating a two-way traffic movement around the circle and removing the entry point traffic signals and replacing them with modern roundabouts. This is truly a one-of-a-kind project where there are no known two-way traffic circles in the United States and/or a traffic circle using round-about for access/egress.</p> </div> <div style="flex: 1;"> <p>MARLIN has performed significant multimodal data collection of vehicles, buses, pedestrian and bicycle activity as well as using our own Bluetooth devices to track origins and destinations in and out of the circle. We have prepared a simulation model to further define the current concept and to develop at least one more concept for analysis and consideration by the community. MARLIN is also responsible for obtaining approval from the Florida Department of Transportation as the Circle is an intersection of two state highways, preparing detailed design plans and seeking programming and grant award opportunities for construction.</p> </div> </div>							
<div style="border: 1px solid green; padding: 10px; margin-top: 10px;"> <p style="text-align: center; color: green; font-weight: bold;">CREATING A DESTINATION</p> <p>This project focuses on creating an integrated and memorable place, within Downtown Hollywood that aligns with the area's unique history and advances the community's aspirations of improving walkability, accessibility, aesthetics, safety and operational aspects.</p> </div>							
 							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
a. (1) FIRM NAME MARLIN Engineering, Inc.		(2) FIRM LOCATION (City and State) Plantation, FL					
		(3) ROLE Roadway Design, Traffic Engineering, Transportation Planning, Community Outreach					

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)			20. EXAMPLE PROJECT KEY No. 3
21. TITLE AND LOCATION (City and State) NE 13th Street Complete Streets Fort Lauderdale, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If applicable) 2017	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Christine Fanchi, PE, PTPS	c. POINT OF CONTACT PHONE NUMBER 954.828.5226	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>Located within the Central City CRA, the NE 13th Street Complete Streets project aimed to build an environment that accommodated access and travel for all community members. The project included lane reductions, bike lanes, enhanced crosswalks, pedestrian-scale street lights, on-street parking, landscaping, and ADA improvements. The project is contained within NE 13th Street between NE 4th Avenue and NE 9th Avenue.</p> <p>The project is operated in conjunction with the Fast Forward Fort Lauderdale 2035 Vision Plan and Press Play Fort Lauderdale 2018 to foster a more closely interwoven community in Fort Lauderdale brought together by multi-modal transportation. The project also included a business district, among other features, that encouraged pedestrian-friendly activities, improved safety, facilitated economic development, and plants the seed for a healthier environment.</p> <p>MARLIN provided public information support throughout the project's construction. MARLIN Public Information Officers (PIO) attended all project management meetings and disseminated important project updates to the neighboring business and residential community. In addition to direct contact with constituents, the MARLIN PIO team developed promotional materials that educated the public on the purpose of Complete Streets and how to properly navigate the road, whether on bike, foot, car, or truck.</p>		  	
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME MARLIN Engineering, Inc.	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Public Involvement

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY No. <div style="text-align: center; font-size: 24pt;">4</div>			
21. TITLE AND LOCATION (City and State) General Planning Consultants Miami, FL		22. YEAR COMPLETED <table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">PROFESSIONAL SERVICES 2019</td> <td style="width: 50%; text-align: center;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable)				
23. PROJECT OWNER'S INFORMATION					
a. PROJECT OWNER Miami-Dade County TPO		b. POINT OF CONTACT NAME Kevin Walford			
		c. POINT OF CONTACT PHONE NUMBER 305.375.1647			
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost) <p>MARLIN served as General Planning Consultant to the Miami-Dade TPO providing professional planning and engineering services.</p> <p>RELEVANT PROJECTS</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Safe Routes to School (SRTS). Developed 3 consecutive Safe Routes to School Plans for the Miami-Dade TPO. MARLIN has led the development of the evaluation of 30 schools selected by the Miami-Dade TPO for improvements. This included field visits, coordination with school administration, and outreach to stakeholder groups to get input on needed safety improvements.</p> <p>Protected Bike Lanes Demonstration Plan. Development of the Miami-Dade TPO Protected Bike Lanes Master Plan. Protected bike lanes (also known as separated bike lanes and cycle tracks) will create a county-wide low-stress bikeway network connecting existing bike facilities, population centers, employment areas, educational facilities, recreational facilities, other civic institutions to existing and planned transit facilities including the SMART Plan corridors. The study identified two pilot projects for fast-track implementation.</p> </div> <div style="width: 48%;"> <p>Bike Friendly Summit. Coordinated and prepared the applications for the Bicycle Friendly Community designation for Miami-Dade County from the League of American Bicyclists. Tasks included identifying and assisting municipalities, businesses, and/or universities that also may be interested in obtaining a Bicycle Friendly designation. In addition, MARLIN conducted bicycle and pedestrian counts as outlined by the TPO to build a repository of historic bicycle and pedestrian data and identify trends in walking and bicycling throughout the county. MARLIN also provided public outreach.</p> <p>Other Projects</p> <ul style="list-style-type: none"> » Comprehensive Parking Study-Freight Transport » Connecting NW 25th Street to HEFT Study » Connecting the Highway Network Missing Links » Implementation of Transitional Speed in School Zones Study » Miami Health District Study - Signage Program » Transportation and Economic Impacts of the Freight Industry » Smart Plan NE Corridor Inventory Analysis </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;">    </div>					
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT					
a.	(1) FIRM NAME MARLIN Engineering, Inc.	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Transportation Engineering, Planning, Design, Community Outreach		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY No. <div style="text-align: center; font-size: 1.2em;">5</div>			
21. TITLE AND LOCATION (City and State) General Engineering Services for Park Trail Improvements Miami, FL		22. YEAR COMPLETED <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES Ongoing</td> <td style="width: 50%;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)				
23. PROJECT OWNER'S INFORMATION					
a. PROJECT OWNER Miami-Dade County Parks and Recreation		b. POINT OF CONTACT NAME Adelfa Martinez/Duane Kopp, PE			
		c. POINT OF CONTACT PHONE NUMBER Adelfa Martinez 305.755.7815) / Duane Kopp, PE 305.755.7954			
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)					
<p>MARLIN provides various General Engineering services to the Miami-Dade County of Parks & Recreation Department for the implementation of various greenway network and support amenities at trailheads for the North and South Miami-Dade areas. Planning activities include trail master planning, community workshops, multi-agency coordination, project planning, traffic studies, permitting, and maintenance and management planning. Design/Construction Admin activities include schematic, design, development, and construction documents.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>RELEVANT PROJECTS</p> <p>Biscayne Greenways Trail Improvements. Greenways Biscayne Trail is an on-going 36.2 mile long multi-use trail study that includes a Project Development & Environmental (PD&E) study, trail design, and construction management services. The Biscayne Trail provides recreational access to Biscayne National Park and several of South Florida's coastal habitats. For the purposes of this study, the trail was divided into four segments: A, B, C and D. Segment C is approximately 6 miles in length by it-self. However, the total length of this segment is 6.5 miles with one additional spur approximately 0.5 miles in length located on the south side of the Mowry (C-103) Canal (theoretical SW 320th St.) to Biscayne Bay. Segment D is approximately 4 miles in total length. MARLIN prepared a study documenting the requirements for preliminary de-sign, including existing conditions, typical sections, right-of-way requirements, environmental impact, development of 3 build alternatives and costs of improvements on the Biscayne Trail Segments C & D. This study was performed in accordance with FDOT's PD&E Manual.</p> </div> <div style="width: 48%;"> <p>AD Barnes Park. MARLIN provided engineering services for this 65-acre park including design, permitting, and construction administration for various trails and trailheads identified in both the South Miami-Dade and North Miami-Dade Greenway Plans, as well as spur trails and trailheads located on adjacent park properties. Development on and adjacent trailheads, included: site work, paved and unpaved trail surfaces, signage, road crossing signalization, information kiosks, pedestrian, bicycle, and equestrian bridges, shelters and site furnishings, landscaping, lighting, utilities, parking, right-of-way planning, analysis, and acquisition. Other tasks included water quality and quantity determination and calculating the length of self-contained exfiltration trenches to compensate the water quality and quantity volume.</p> <p>Survey services included</p> <ul style="list-style-type: none"> » Baseline of survey » Right of way lines » Topography survey </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;">   </div>					
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT					
a. (1) FIRM NAME MARLIN Engineering, Inc.		(2) FIRM LOCATION (City and State) Miami/ Plantation, FL			
		(3) ROLE Surveying and Mapping, Environmental Engineering, Transportation/Traffic Engineering, Construction Management, Civil Engineering, Planning, Community Outreach			

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

20. EXAMPLE PROJECT KEY No.

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

6

21. TITLE AND LOCATION (<i>City and State</i>) General Engineering Consultant Doral, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Doral	b. POINT OF CONTACT NAME Eugene Collings-Bonfill, PE	c. POINT OF CONTACT PHONE NUMBER (305) 593-6740 Ext. 6017
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*)

MARLIN is the General Engineering Consultant for the City of Doral providing a variety of engineering services including planning, design, and construction management for roadway, drainage, structural, bridge, traffic engineering, civil/site planning, environmental assessments, permitting, land use and zoning, and project management.

RELEVANT PROJECTS

Citywide Sidewalk Improvements. Design and implementation of a citywide sidewalk improvement and connectivity project in the City. Under this contract MARLIN provided Roadway Design, Signing and Pavement Markings, Traffic Control, Drainage Analysis, Permitting, Utility Coordination, Survey and Cost Estimates for 10 corridors throughout the City. The construction of this project used LAP funding administered by FDOT District 6.

Roadway Resurfacing of NW 112th Avenue and NW 33rd Street. Preparing a contract set of plans for the City for pavement rehabilitation and restoration. Services provided include survey, preparation of plans (roadway and signing and pavement markings) and construction administration.

NW 50th Street Bike Path. Provided design and survey services for a shared-use path/bicycle path along an existing FPL easement (NW 50th Street), from NE 107th Ave. to NW 117th Ave. Services included design analysis to accommodate the bike path, approx. 16 feet wide; evaluation of path alignment with City and FPL; Bicycle Path Typical Section package for new section; Traffic control installation at each end to deter vehicular access; Pavement Design Package; Signing and Pavement Markings plans to restrict use only by

pedestrian and bicycle; Topographic Survey to establish the location of the path; Meeting with the City and Public Information Workshops; Permit Coordination; Coordination with FPL and other agencies; Prepare Construction Estimate.

NW 92nd Avenue Reconstruction. Design and Construction Management for the signing and pavement markings for the extension of the roadway to a new intersection at NW 36th Street. This project was **completed on time and under budget.**

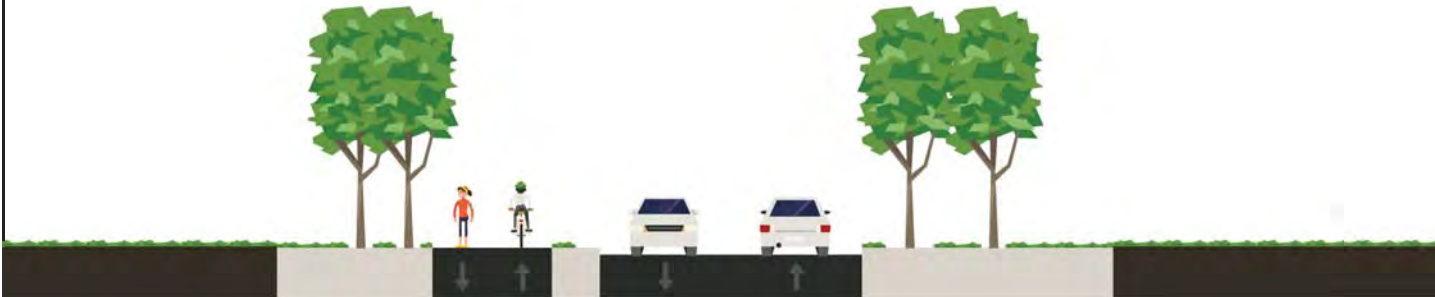
Citywide Traffic Calming Master Plan. Provided transportation planning and traffic engineering for the preparation of a Citywide Traffic Calming Master Plan. Prior to the study, a review of the Land Development Code and Roadway Functional Classification was performed and an Access Management Plan was developed for the study area. Field observations and analysis of the data collected were completed at potential locations where concerns such as traffic volumes, speeding, and traffic intrusion were identified. These locations were reviewed and traffic calming measures determined to be warranted for the implementation.

Other Projects:

- » NW 21st Street (NW 84th Ave. to NW 82nd Ave.) Stormwater Improvements
- » Various Traffic Calming Studies
- » NW 114th Roadway Resurfacing
- » Design/Build Criteria Report - NW 33rd Street
- » 5-Year Pavement Management Program
- » Structural Inspections of Pedestrian Bridges
- » Doral Legacy Park Post Construction Assessment
- » Doral Landings ADA Ramps

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME MARLIN Engineering, Inc.	(2) FIRM LOCATION (City and State) Miami/Plantation, FL	(3) ROLE Transportation Engineering, Civil Engineering, Design, Planning, Project Management, Structural Engineering/ Inspections, Surveying and Mapping, Construction Engineering and Inspection (CEI)
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F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY No. 7					
21. TITLE AND LOCATION (City and State) General Engineering Consultant Miami Lakes, FL		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>Ongoing</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	Ongoing	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)						
Ongoing							
23. PROJECT OWNER'S INFORMATION							
a. PROJECT OWNER Town of Miami Lakes	b. POINT OF CONTACT NAME Carlos Acosta, PE	c. POINT OF CONTACT PHONE NUMBER 305.364.6100 Ext.1129					
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)							
<p>MARLIN serves as General Engineering Consultant to the Town of Miami Lakes providing civil and traffic engineering as well as survey services for a variety of projects including roadway reconstruction and improvements, drainage improvements, and utility coordination.</p> <p>FEATURED PROJECTS</p> <p>Townwide Bicycle & Pedestrian Improvements. MARLIN is currently providing design services for the Town of Miami Lakes Townwide Bicycle and Pedestrian Improvements, a LAP funded project. The scope of this project includes the bicycle and pedestrian complete streets improvements of selected corridors within the Town. Complete streets and traffic calming improvements are applied by carefully balancing right-of-way constraints, drainage, utilities and existing landscape with bicycle and pedestrian needs.</p> <p>NW 82nd Avenue and Oak Lane. Redesign of NW 82nd Ave and Oak Lane based on safety study recommendations. Included roadway median design, adding pavement marking and signage, and restriping and reconfiguring existing crosswalks to comply with ADA requirements. MARLIN is responsible for design, survey, utility coordination and construction administration.</p> <p>Miscellaneous Streetscape Improvement. As part of the Town's Beautification Master Plan, MARLIN provided design services for streetscape improvements consisting of the installation of paver treatments at various locations, including gateways and specific intersections (unsignalized and signalized), as well as the application of pavement markings. Our team prepared the construction documents which included three design-typical alternatives, and provided interagency coordination.</p> <p>West Lakes Drainage Improvements. MARLIN provided design services for the drainage improvement at West Lake. Project consisted of the replacement of existing catch basins, the addition of manholes, new pipes, and French Drains. Milling and resurfacing of roadway as well as replacement of existing signing and pavement markings were also part of this project.</p> <p>Traffic Operation and Mobility Study. Traffic engineering services for the assessment of traffic operations and development of conceptual recommendations for safety/traffic calming improvements, as well as, performing a feasibility study for the relocation of a community guard gate.</p>							
							
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT							
a. (1) FIRM NAME MARLIN Engineering, Inc.	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Transportation/Traffic Engineering, Civil Engineering, Design, Planning, Survey and Mapping, Environmental, Community Outreach,					

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY No. <div style="text-align: center; font-size: 24pt;">8</div>			
21. TITLE AND LOCATION (City and State) General Planning and Engineering Consultant Miami Beach, FL		22. YEAR COMPLETED <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES Ongoing</td> <td style="width: 50%;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)				
23. PROJECT OWNER'S INFORMATION					
a. PROJECT OWNER City of Miami Beach	b. POINT OF CONTACT NAME Lynda Westin, AICP	c. POINT OF CONTACT PHONE NUMBER 305.673.7000 ext. 6693			
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)					
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>MARLIN served as General Engineering Consultant to the City of Miami Beach providing professional planning and engineering services.</p> <p>RELEVANT PROJECTS</p> <p>Chase Avenue/34th Street Shared Use Path. Completed a feasibility analysis for Chase Avenue/W 34th Street shared-use path in the City of Miami Beach, adjacent to the Miami Beach Golf Course. Improvements to local non-motorized transportation infrastructure connectivity on Chase Avenue were required to develop a safe and accessible multi-user, citywide bicycle and pedestrian network. This link is an essential piece of a continuous system of pedestrian and bicycle facilities around the City of Miami Beach Golf Club that will promote active use of City green-spaces, healthy lifestyles and social interaction among neighbors.</p> <p>Design concepts included recommendations for decorative features at key locations to protect cyclists and pedestrians from errant golf balls. In addition to the protective elements, MARLIN proposed two new "people places" utilizing decorative pavement treatments and public art to create spaces that the community and residents could enjoy at the intersections of Alton Road and Chase Avenue, and Chase Avenue and W 34th Street.</p>  </div> <div style="width: 48%;"> <p>17th Street Transit & Protected Bike Lanes Study. Conducted a feasibility study for 17th Street Exclusive Transit and Protected Buffered Bicycle Lanes in Miami Beach, consistent with the City's Transportation Master Plan (TMP) adopted by resolution on April 13, 2016.</p> <p>The 17th Street Exclusive Transit and Protected Buffered Bicycle Lanes feasibility study identified and assessed existing transportation conditions and recommended multimodal transportation improvements to provide exclusive transit and protected, or buffered, bicycle lanes. The primary study area ran along 17th Street from Bay Drive to Beach Walk. Within this corridor, MARLIN investigated the impact of extending the Venetian Causeway Bike lanes through the entire corridor and analyzed a potential Exclusive Transit lane consistent with the City Transportation Master Plan. Conditions in a secondary study area 2-3 blocks from the primary study were also studied.</p>  <p>Trolley Passenger Survey. Conducted a bilingual survey of Miami Beach trolley passengers and the general public for the purpose of providing continued efficient services for the community. The survey focused on: understanding passenger point of view (demographics, residents, tourists, other), what mode was used prior to trolley service, and obtaining a better understanding of the modes of connectivity, transit dependency, comfort and convenience of service and trip origins and destinations, as well as the use of the City's trolley tracker App.</p> </div> </div>					
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT					
a. (1) FIRM NAME MARLIN Engineering, Inc.	(2) FIRM LOCATION (City and State) Miami/Plantation, FL	(3) ROLE Transportation Planning, Concept Design, Traffic Engineering, Community Outreach			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY No. 9	
21. TITLE AND LOCATION (City and State) General Engineering Consultant South Miami, FL		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION (If applicable)	
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City of South Miami	b. POINT OF CONTACT NAME Aurelio Carmenates, PE	c. POINT OF CONTACT PHONE NUMBER 305.403.2063	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)			
<p>MARLIN is the General Engineering Consultant to the City of South Miami providing roadway design, civil engineering, traffic engineering, transportation planning, environmental, surveying, community outreach, and CEI.</p> <p>RELEVANT PROJECTS</p> <p>West and South Pinecrest Villas Area Wide Traffic Calming Master Plan and Design. Prepared an area-wide traffic calming master plan. The study reflected traffic calming measures in an effort to reduce or eliminate cut-thru traffic and speeding within the neighborhood. Analyzed local traffic patterns based on Miami-Dade County Traffic Flow Modification guidelines and standard procedures. Existing traffic conditions at critical locations and roadway segments were addressed by proposing appropriate countermeasures. MARLIN also met with residents to provide them with an opportunity to identify the existing traffic issues within the study area and to provide direction for the study's focus. Tasks included field review and inventory, traffic data collection, determination of critical locations, traffic calming analysis, preparation of a recommendations, County approval and permitting. Following the master plan, MARLIN prepared the design of final construction plans and technical specifications, including obtaining necessary permits from MDPWD as well as providing post design services including preparation of bid documents and construction inspection services.</p> <p>SW 64th Street Bicycle Lanes. Design services for the installation of bicycle lanes with separation from the travel lanes in each direction along SW 64th Street from SW 62nd Ave to SW 57th Ave, (Segment 1) and Installation of shoulders (designated bicycle lane) adjacent to the main travel lanes in each direction along SW 64th Street from SW 69th Ave to SW 57th Ave, (Segment 2). MARLIN provided roadway and drainage design, project management, utility coordination, permitting and construction administration and inspection services.</p> <p>Citywide Green Sharrows. The City wanted to provide the community with sustainable, safe and effective alternatives to personal motorized vehicles. To improve mobility and encourage safer drivers' behaviors, the City tasked MARLIN to develop a design and prepare construction documents for the installation of Citywide Neighborhood Greenway and Sharrows as identified in the South Miami Intermodal Transportation Plan.</p> <p>Fuchs Park Improvements. Providing engineering and surveying services for the construction of a new perimeter asphalt trail, approximately 1500 linear feet, around the existing lake at Fuchs Park in the City of South Miami. All improvements within this project are in accordance with the American for Disabilities Act (ADA), including providing access to the existing pavilion areas, restrooms facilities, and lakeside benches.</p>			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME MARLIN Engineering, Inc.	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Transportation/ Traffic Engineering, Planning, Civil Engineering, Design, Environmental, Survey and Mapping, CEI, Community Outreach



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

20. EXAMPLE PROJECT KEY No.

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

10

21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
Las Olas Boulevard Parking Garage Fort Lauderdale, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Tom Green, PE - Project Manager	c. POINT OF CONTACT PHONE NUMBER 954.828.4008
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The Las Olas Blvd. Parking Garage is located at the northeast end of the Las Olas Blvd. Bridge along the Intracoastal Waterway.

The most prominent feature of the new garage is the LED display that surrounds the exterior. The LED display creates a lightshow with a variety of effects including ocean waves and fireworks.

The three-bay wide, 5-level high, precast parking structure offers 662 parking spaces with a parking guidance system displaying parking availability in the structure. The top level of the structure is an Amenities Level that can be used for events offering scenic backdrops of the Intracoastal Waterway and the City.

The structure also features 24-hour security, restrooms, bicycle lockers, and sea-turtle friendly lighting that won't draw hatchlings away from the ocean during nesting season.

Size: Four parking levels with 662 spaces.

Features:

- Three-bay wide, five-level high, single threaded helix precast structure with 662 parking spaces
- CM-at-Risk project delivery
- Structure provides top-level amenities deck that can be used for public/private events
- Facade features an LED lightshow display with a variety of effects
- The structure has 24-hour security, public restrooms, bicycle lockers, and sea-turtle friendly lighting
- Walker provided Parking Consulting, Functional Design, MEP Engineering, Structural Engineering, and Consulting services for Wayfinding Signage and a Parking Guidance System



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME Walker Parking Consultants/ Engineers, Inc.	(2) FIRM LOCATION (City and State) Tampa, FL	(3) ROLE Parking Consulting, Functional Design Structural Engineering, M/E/P Engineering
b. (1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Ramon Soria, PE	Principal in Charge	●	●	●	●	●	●	●	●	●	
Betsy Jeffers, PE	Project Manager	●									
Aysel Freda, PE	Deputy Manager Engineering										
Jeffrey Weidner, MSP	Deputy Manager Planning		●	●	●				●	●	
Kevin Beck, PSM	Chief Surveyor						●	●	●		
Omar Carcamo	Project Surveyor					●	●	●		●	
Julie Vers, PE	Sr. Structural Manager						●				
Barbara King-Russell, PE	Sr. Structural Engineer						●				
Eduardo Vazquez, EI, CBI	VP, Structures Division						●				
Alexis Rego, CBI	Bridge Program Manager						●				
Jose Santiago, PE	Sr. Roadway Engineer	●	●			●	●	●	●	●	
Rafael Lagos, PE	Chief Engineer	●	●			●	●	●	●	●	
Roxana Matamoros, PE	Sr. Roadway Engineer	●	●			●	●	●	●	●	
Myra Patino, PE, PMP	Sr. Traffic Engineer		●						●	●	
Walter Keller, PE, AICP	Sr. Traffic Engineer									●	
Moshiur Rahman, Ph.D	Traffic Engineer/Sr. Data Analyst								●		
Yang Yang	Urban Designer		●						●		
Ashok Sampath	Traffic Analyst		●						●		
Lisa Maack, AICP	Sr. Planner/Community Outreach				●				●		
James Corbett, CAPP	Parking Consulting/Planning										●
Brian Preston, PE	Parking Design and Restoration Engineer										●
Elliot Hathorn, PE, LEED AP	Parking Design and Restoration Engineer										●

29. EXAMPLE PROJECTS KEY

1	Hollywood Blvd. Complete Streets Hollywood, FL	6	General Engineering Consultant Doral, FL
2	Multimodal Transportation Analysis of Young Circle Redesign Hollywood, FL	7	General Engineering Consultant Miami Lakes, FL
3	NE 13th Street Complete Streets Fort Lauderdale, FL	8	General Planning and Engineering Consultant Miami Beach, FL
4	General Planning Consultants Miami-Dade County TPO	9	General Engineering Consultant South Miami, FL
5	General Engineering Services for Park Trail Improvements Miami-Dade County Parks and Recreation	10	Las Olas Blvd. Parking Garage Fort Lauderdale, FL

H. ADDITIONAL INFORMATION

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

MARLIN is pleased to respond to this RFQ with a diverse team of experts to serve the **City of Fort Lauderdale**, providing Traffic and Transportation Engineering and Planning Services. MARLIN is available and committed to delivering high-quality, rapid responses to all work assignments under this contract; we earnestly desire to assist you. We look forward to the opportunity to demonstrate our capabilities on this contract and ask that you consider us by allowing MARLIN to continue to serve you.

WHY MARLIN?

- Recent experience working with the City of Fort Lauderdale
- Proven commitment to our clients delivering projects on-time and within budget
- Full service firm that can take projects from planning to design to construction
- Deep pool of experts available with local and national experience
- Ability to work on multiple projects simultaneously
- Experience with a solid reputation
- New and innovative concepts
- Quick response, professional expertise, personnel availability
- Committed to quality, schedule, and budget

AWARDS AND RECOGNITION

MARLIN's 29 years of business in Florida has produced thousands of quality engineering solutions. Our work is recognized for its planning and design excellence.

Outstanding Major Project - SR 997/Krome Avenue Reconstruction, from SW 8th Street to Kendall Drive,

Hollywood Blvd. Complete Streets - This project located in downtown Hollywood was selected as the 2020 People's Choice Award for best "Urban" Complete Streets Demonstration Project

Florida Planning & Zoning Outstanding Planning Award - Village of Palmetto Bay Downtown Study

APWA Outstanding Achievement in Public Works for Traffic Calming - City of Coral Gables, City of Miami, Miami-Dade County

APWA Outstanding Achievement in Planning, Designing and implementing the SW 100 Avenue Stormwater Retrofit project for the Town of Cutler Bay

FTBA Florida's Best in Construction Utility Coordination, Miami-Dade County - US 441 from NW 3rd Street to NW 29th Street

FTBA Outstanding FDOT Project for Quality - US-1/Biscayne Blvd., Miami Gardens Dr. to Ives Dairy Road

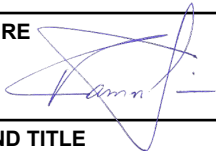
Excellence Awards - **City of Coral Gables** (Citywide Traffic Calming Master Plan); **Town of Cutler Bay** (SW 208th Street Redesign); **City of Doral** (NW 25th Street Viaduct Reconstruction)

Project of the Year - **Town of Cutler Bay** (Old Cutler Roadway Improvements); **Miami-Dade County** (NW 25th Street Viaduct Reconstruction); **Miami-Dade County** (Biscayne Boulevard Reconstruction)

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE



b. DATE

2/28/2020

c. NAME AND TITLE

Ramon Soria, PE, President

ARCHITECT-ENGINEER QUALIFICATIONS

I. SOLICITATION NUMBER (if any)
RFQ #12370-206

PART II - GENERAL QUALIFICATIONS

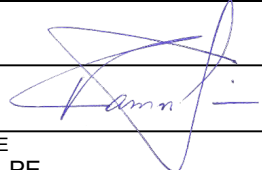
(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (or Branch Office) NAME MARLIN Engineering, Inc.			3. YEAR ESTABLISHED 1991	4. UNIQUE ENTITY IDENTIFIER DUNS 80-0046054
2b. STREET 1700 NW 66th Avenue, Suite 106			5. OWNERSHIP	
2c. CITY Plantation	2d. STATE FL	2e. ZIP CODE 33313	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Betsy Jeffers, PE			b. SMALL BUSINESS STATUS DBE, MBE	
6b. TELEPHONE NUMBER 954.870.5070			7. NAME OF FIRM (If Block 2a is a Branch Office)	
6c. E-MAIL ADDRESS bjeffers@marlinengineering.com				

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

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. Number of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	15		A06	Airports	2
08	CADD Technician	3		B02	Bridges	6
12	Civil Engineer	13		C15	Construction Management	5
14	Computer Programmer	4		C16	Construction Surveying	5
15	Construction Inspector	1		D04	Design-Build Preparation of RFPs	2
24	Environmental Scientist	2		E09	Environmental Impact Studies	2
29	Geographic Information Specialist	2		E12	Environmental Remediation	2
38	Land Surveyor	1		G04	GIS: Development, Analysis & Data Collection	5
47	Planner: Urban/Regional	5		H07	Highways; Streets; Airfield; Parking Lots	7
48	Project Manager	2		I06	Irrigation; Drainage	5
57	Structural Engineer	3		L02	Land Surveying	5
58	Technician/Analyst	11		L06	Mapping Location/Addressing Systems	5
60	Transportation Engineer	3		P05	Planning (Community, Regional, Areawide)	6
				R03	Railroad; Rapid Transit	6
	Other Employees	25		R06	Building, Structures, Facilities	4
				S09	Structural Design; Special Structures	4
				S10	Surveying; Platting; Mapping; Flood Plain	5
				T03	Traffic & Transportation Engineering	7
				T04	Topographic Surveying and Mapping	5
				U02	Urban Renewals; Community Development	5
Total		90				

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

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE 2/20/2020
c. NAME AND TITLE Ramon Soria, PE	

PROJECT MANAGERS EXPERIENCE & QUALIFICATIONS

The MARLIN team understands that meeting the wide range of assignments anticipated under this contract requires a team capable of delivering specific technical expertise.

We have assembled a diverse and talented pool of professionals to fulfill the specific disciplines outlined in the scope and provide a high level of responsiveness to the city. Our team has the experience, skills, and diversity required to successfully complete any tasks assigned, within the budgetary and schedule constraints.

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BETSY JEFFERS, PE | Project Manager

Availability 40%

Betsy has 28 years of experience including a 26 year tenure with the FDOT District 4 Design Office. She is well versed in FDOT design criteria and standards, as well as AASHTO guidelines, specifications, typical section, variance and exception review, and quality control in the daily plans production environment. She spent 12 years as an In-house Design Section Leader with FDOT and served as the Design Project Manager and Engineer of Record for a variety of projects with construction budgets ranging from \$300,000 to over \$65 million. **Betsy served as the Program Manager for the Broward Mobility Initiative for five years, working together with the Broward MPO and other Broward County municipalities such as Fort Lauderdale, Hollywood, Pompano Beach, Coconut Creek, as well as others, to program over \$300 million in bicycle and pedestrian projects.**

.....



AYCEL FREDA, PE | Deputy Project Manager- Engineering

Availability 50%

Aycel has 15 years of extensive experience in the design, engineering, and construction of roadway and highway projects. She provides technical support for roadway and highway design, plans production, and the management, programming, planning, design, and construction of roadway projects, including Alternative Design projects. Her expertise includes providing technical design for various highway projects throughout Florida as well as preparing construction contract plans for complex highway projects for the state, counties and cities. Prior to joining MARLIN, **Aycel spent 12 years with FDOT District 4 where she served as Consultant Project Manager, District 4 Pavement Design Engineer and Roadway Designer for FDOT's Roadway Design Division.**

.....



JEFFEREY WEIDNER, MSP | Deputy Project Manager- Planning

Availability 50%

Jeff has 36 years of multimodal transportation planning experience. He has a broad base of expertise in both the private and public sector. He has managed many multimodal projects, including pedestrian/ bicycle, complete streets, neighborhood traffic calming, freight, transportation demand management, transit, express-bus and park-and-ride, freight, seaports, and focused intermodal projects. His background provides a broad base of knowledge and skill to lead this team to deliver quality, on-time and on budget results. **Jeff has lived in the downtown Fort Lauderdale area for 32 years and is passionate about the City's history and direction. He has been a champion for the City of Fort Lauderdale his entire career and is dedicated to the Vision of Fort Lauderdale as a world-class destination. Jeff's involvement in the city include the Transportation Management Association (TMA) and Trolley Transit Development Grant, a Multi-Modal Corridor Designation Study, Kidney Tunnel Table Top Plaza, The Wave Fort Lauderdale Streetcar, as well as Miami-Dade County Freight Plan, Martin County Railroad Grade Separation.**

LICENSES & CERTIFICATES

State of Florida Department of State

I certify from the records of this office that MARLIN ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on August 21, 1991.

The document number of this corporation is S74791.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 14, 2020, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Fourteenth day of January,
2020*



Ramón Soria
Secretary of State

Tracking Number: 3358961874CC

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

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



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

July 3, 2019

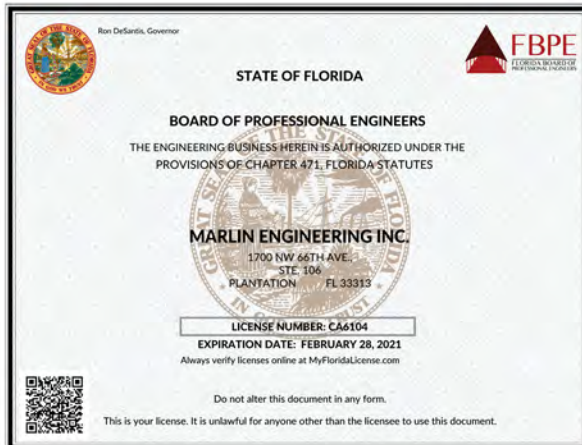
Ramon Soria, PE, President
MARLIN ENGINEERING, INC.
1700 NW 66th Avenue, Suite 106
Plantation, Florida 33313

Dear Mr. Soria:

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

- Group 2 - Project Development and Environmental (PD&E) Studies
- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
 - 3.3 - Controlled Access Highway Design
- Group 4 - Highway Design - Bridges
 - 4.1.1 - Miscellaneous Structures
 - 4.1.2 - Minor Bridge Design
- Group 5 - Bridge Inspection
 - 5.1 - Conventional Bridge Inspection
 - 5.2 - Movable Bridge Inspection
 - 5.3 - Complex Bridge Inspection
 - 5.4 - Bridge Load Rating
- Group 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
 - 7.2 - Lighting
 - 7.3 - Signalization

www.fdot.gov



- Group 8 - Survey and Mapping
 - 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
- Group 13 - Planning
 - 13.3 - Policy Planning
 - 13.4 - Systems Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.6 - Land Planning/Engineering
 - 13.7 - Transportation Statistics

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2020 for contracting purposes.

Approved Rates

Home/ Branch Overhead	Field Overhead	Facilities Capital Cost of Money	Premium Overtime	Reimburse Actual Expenses	Home Direct Expense	Field Direct Expense
146.23%	129.27%	0.437%	Reimbursed	No	1.57%	1.57%*

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

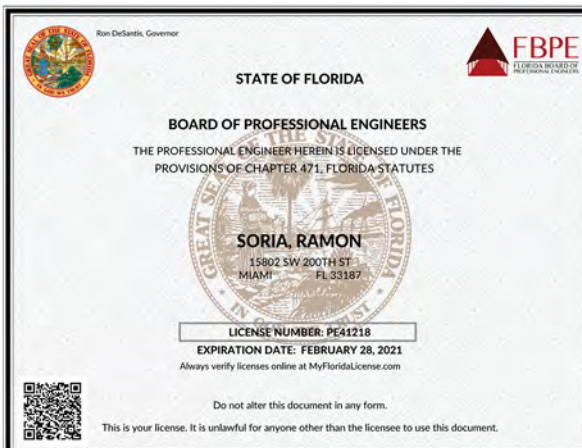
Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

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

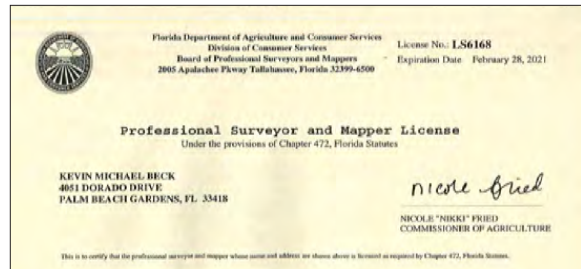
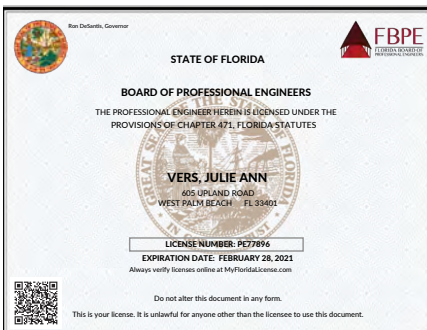
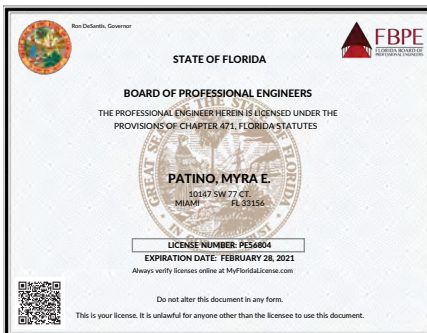
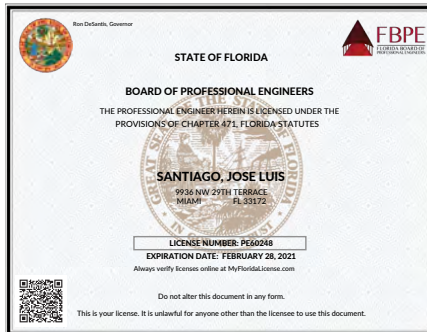
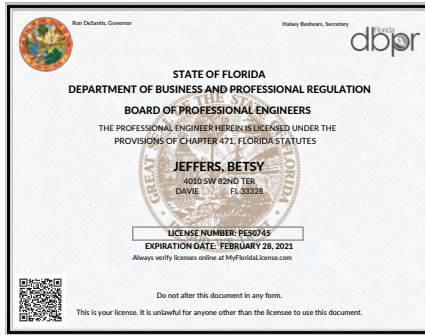
Sincerely,

Carliayn Kell

Carliayn Kell
Professional Services
Qualification Administrator



PROFESSIONAL ENGINEERS LICENSES



ACAI ASSOCIATES, INC.

State of Florida
Department of State

I certify from the records of this office that ACAI ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on January 22, 1985.

The document number of this corporation is H59075.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 23, 2020, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-third day of January, 2020

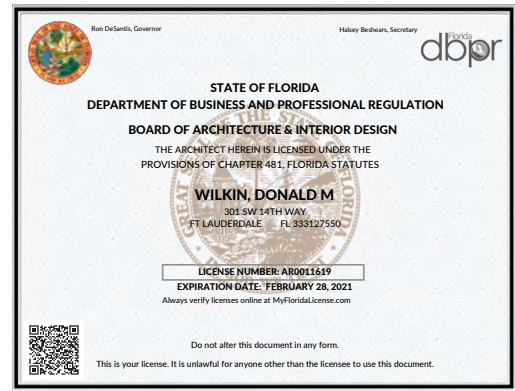
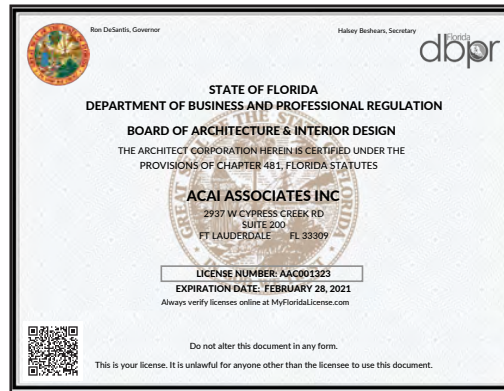


Randy McRae
Secretary of State

Tracking Number: 44U52277C

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

<https://services.sos.fl.gov/Filing/CertificateOfStatus/CertificateAuthentication>



AE ENGINEERING, INC.

State of Florida
Department of State

I certify from the records of this office that AE ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on March 27, 2006, effective March 20, 2006.

The document number of this corporation is P06000043128.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 28, 2020, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-eighth day of January, 2020

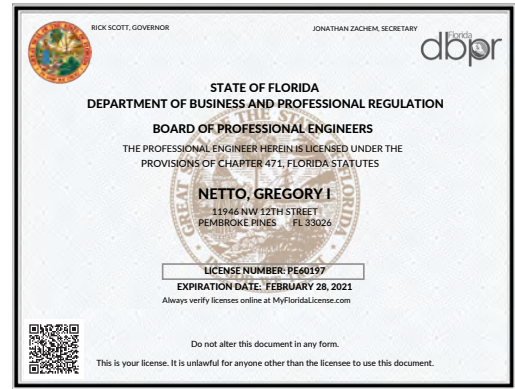
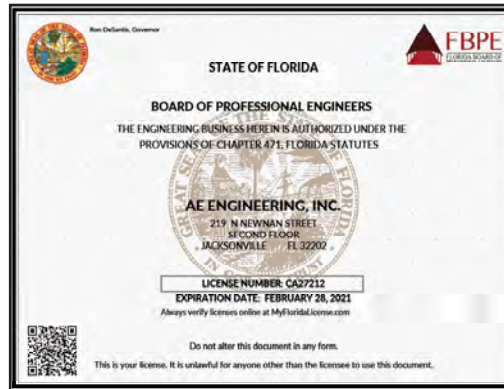


Randy McRae
Secretary of State

Tracking Number: 2989131480C

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CONNETICS TRANSPORTATION GROUP, INC.

2020 FOREIGN PROFIT CORPORATION ANNUAL REPORT
DOCUMENT# P05000002777
FILED Jan 06, 2020
Secretary of State 7754655942CC

Entity Name: CONNETICS TRANSPORTATION GROUP, INC.
Current Principal Place of Business:
6600 PEACHTREE DUNWOODY RD.
SUITE 301
ATLANTA, GA 30328

Current Mailing Address:
6600 PEACHTREE DUNWOODY RD.
SUITE 301
ATLANTA, GA 30328 US

FBI Number: 20-2342464
Name and Address of Current Registered Agent:
CROBSON, TIMOTHY
1525 INTERNATIONAL PARKWAY
SUITE 301
LAKE MARY, FL 32746 US

Certificate of Status Desired: No

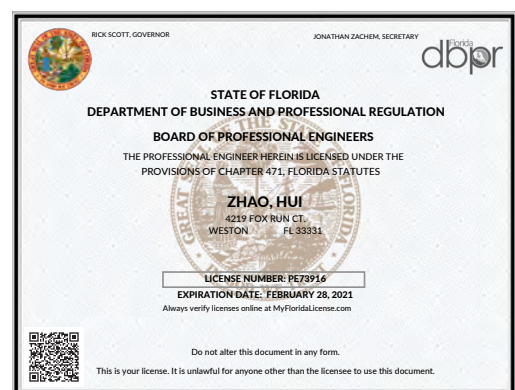
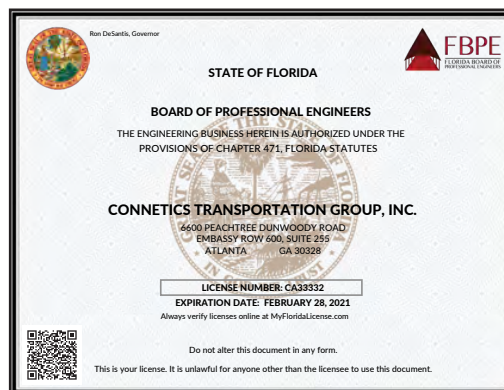
The above information is submitted to the Secretary of State for the purpose of changing its registered office or registered agent or both, in the State of Florida.

SIGNATURE: _____ Date: _____
Electronic Signature of Registered Agent

Officer/Director Detail :		Title	
Name	ROSALIS, SUSAN	Name	CHIPS
Address	5825 TELEFON RD	Address	6600 PEACHTREE DUNWOODY RD.
City-State-Zip	CAULDER CITY, CA 90230	City-State-Zip	ATLANTA, GA 30328
Name	BAKER, JAMES	Name	CROBSON, TIMOTHY
Address	6600 PEACHTREE DUNWOODY RD.	Address	1525 INTERNATIONAL PARKWAY
City-State-Zip	ATLANTA, GA 30328	City-State-Zip	LAKE MARY, FL 32746
Name	TARONIA, MARIBEL	Name	
Address	6600 PEACHTREE DUNWOODY RD.	Address	6600 PEACHTREE DUNWOODY RD.
City-State-Zip	ATLANTA, GA 30328	City-State-Zip	ATLANTA, GA 30328

Signature: MARIBEL TARONJI
Electronic Signature of Signing Officer/Director Detail

OFFICE MANAGER 01/06/2020



CUMMINS & CEDERBERG, INC.

2020 FLORIDA PROFIT CORPORATION ANNUAL REPORT
DOCUMENT# P000002940
Entity Name: CUMMINS CEDERBERG, INC.
Current Principal Place of Business:
7550 RED ROAD, SUITE 217
SOUTH MIAMI, FL 33143
Current Mailing Address:
7550 RED ROAD, SUITE 217
SOUTH MIAMI, FL 33143 US
FBI Number: 27-0129033
Name and Address of Current Registered Agent:
CEDERBERG, JANNEK
22476 SW 94 PLACE
CUTLER BAY, FL 33109
The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.
SIGNATURE: _____ Date: _____
Electronic Signature of Registered Agent
Officer/Director Detail:
Title: P Name: CEDERBERG, JANNEK Address: 22476 SW 94 PL, CUTLER BAY, FL 33109
Title: VP Name: CUMMINS, JASON R. Address: 2212 BECOFF TERRACE, COCONUT GROVE, FL 33133
SIGNATURE: JANNEK CEDERBERG, PRESIDENT 01/13/2020
Electronic Signature of Signing Officer/Director Detail

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS
THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES
CUMMINS CEDERBERG, INC.
7550 RED ROAD
SUITE 217
SOUTH MIAMI, FL 33143
LICENSE NUMBER: CA29062
EXPIRATION DATE: FEBRUARY 28, 2021
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STATE OF FLORIDA
BOARD OF PROFESSIONAL ENGINEERS
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES
CUMMINS, JASON ROLLAND
2212 BECOFF TERRACE
MIAMI, FL 33133
LICENSE NUMBER: PE71538
EXPIRATION DATE: FEBRUARY 28, 2021
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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES
CEDERBERG, JANNEK
22476 SW 94 PLACE
CUTLER BAY, FL 33109
LICENSE NUMBER: PE49837
EXPIRATION DATE: FEBRUARY 28, 2021
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DOVER, KOHL & PARTNERS, INC.

CNU
The Congress for the New Urbanism
on the nomination of the faculty of the
University of Miami
School of Architecture
Innovators
Victor Dover
as a CNU Accredited Member
December 16, 2009
Signature: _____
Date: _____

American Institute of Certified Planners
Victor Dover
A Member of the College of Fellows of AICP
In recognition of a temporary leadership, high technical, consulting, professional, and distinguished contributions to the advancement of the art and science of the planning profession.
W. Paul Fann
Date: _____
Signature: _____

GREEN BUILDING CERTIFICATION INSTITUTE
LEED® ACCREDITED PROFESSIONAL
Victor Dover
February 15, 2008
Signature: _____
Date: _____

ESCIENCES INC.

**State of Florida
Department of State**
I certify that the records of this office that E SCIENCES, INCORPORATED is a corporation organized under the laws of the State of Florida, filed on August 29, 2000.
The document number of this corporation is P00000081584.
I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 6, 2020, and that its status is active.
I further certify that said corporation has not filed Articles of Dissolution.
Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Sixth day of January, 2020
Signature: _____
Secretary of State
Tracking Number: 134672591CC
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sos.fl.gov/Pages/CertificateOfStatusCertificateAuthentication>

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS
THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES
E SCIENCES, INCORPORATED
34 EAST PINE STREET
ORLANDO, FL 32801
LICENSE NUMBER: CA0691
EXPIRATION DATE: FEBRUARY 28, 2021
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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES
LOCKE, NADIA GUERTIN
1775 WEST LAS OLAS BLVD.
FT. LAUDERDALE, FL 333120000
LICENSE NUMBER: PE58676
EXPIRATION DATE: FEBRUARY 28, 2021
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FLORIDA IT ENGINEERS, INC.


**State of Florida
Department of State**

I certify from the records of this office that FLORIDA ITS ENGINEERS LLC is a limited liability company organized under the laws of the State of Florida, filed on July 30, 2018, effective July 25, 2018.

The document number of this limited liability company is L18000181558.

I further certify that said limited liability company has paid all fees due this office through December 31, 2019, that its most recent annual report was filed on April 4, 2019, and that its status is active.

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


Randy A. Ponder
Secretary of State

Tracking Number: 935271718CU
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sos.fl.gov/Filing/CertificateOfStatus/CertificateAuthentication>

 Ben DeSantis, Governor
Helen Baskin, Secretary

**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

BOARD OF PROFESSIONAL ENGINEERS

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

FLORIDA ITS ENGINEERS LLC
3886 CRESTWOOD CIR
WESTON FL 33331

LICENSE NUMBER: CA52798
EXPIRATION DATE: FEBRUARY 28, 2021
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 RICK SCOTT, GOVERNOR
JONATHAN ZACHEM, SECRETARY

**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

BOARD OF PROFESSIONAL ENGINEERS

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

GAO, BO
3886 CRESTWOOD CIR
WESTON FL 33331

LICENSE NUMBER: PE76395
EXPIRATION DATE: FEBRUARY 28, 2021
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IF ROOKS & ASSOCIATES, LLC

**State of Florida
Department of State**

I certify from the records of this office that MASTER CONSULTING ENGINEERS, INC. is a corporation organized under the laws of the State of Florida, filed on December 13, 1999.

The document number of this corporation is P99000107717.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 28, 2020, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-eighth day of January, 2020


Randy A. Ponder
Secretary of State

Tracking Number: 8025578647CC
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
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Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: LB6618
Expiration Date: February 28, 2021

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

LF. ROOKS & ASSOCIATES, LLC
106 N W DRANE ST
PLANT CITY, FL 33663

Nicole Fried
NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

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

License No.: LS5416
Expiration Date: February 28, 2021

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

ISAAC FREDRICK ROOKS JR
106 DRANE ST NW
PLANT CITY, FL 33663-5444

Nicole Fried
NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

KEITH & ASSOCIATES, INC.

**State of Florida
Department of State**

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

The document number of this corporation is P98000006011.


I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 7, 2020, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Sixth day of February, 2020


Randy A. Ponder
Secretary of State

Tracking Number: 017236875CU
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sos.fl.gov/Filing/CertificateOfStatus/CertificateAuthentication>

 Ben DeSantis, Governor
FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS


STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

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

LICENSE NUMBER: CA7928
EXPIRATION DATE: FEBRUARY 28, 2021
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Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: LB6860
Expiration Date: February 28, 2021

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

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

Nicole Fried
NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

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

License No.: LS6305
Expiration Date: February 28, 2021

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

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

Nicole Fried
NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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

LAKDAS/YOHALEM, ENGINEERING, INC.

State of Florida
Department of State

I certify from the records of this office that MASTER CONSULTING ENGINEERS, INC. is a corporation organized under the laws of the State of Florida, filed on December 13, 1999.

The document number of this corporation is P99000107717.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 28, 2020, and that its status is active.

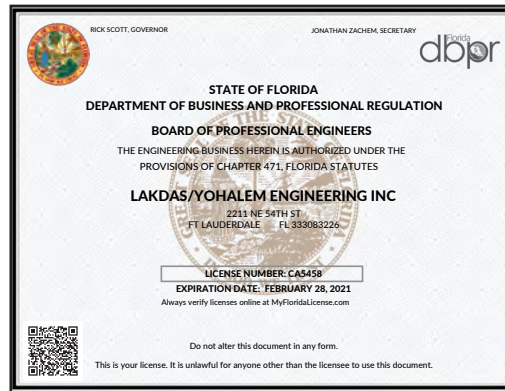
I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-eighth day of January, 2020



Paul W. Scott
Secretary of State

Tracking Number: 802578647CC
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sos.state.fl.us/CertificateOfStatus/CertificateAuthentication>



MASTER CONSULTING ENGINEERS, INC.

State of Florida
Department of State

I certify from the records of this office that MASTER CONSULTING ENGINEERS, INC. is a corporation organized under the laws of the State of Florida, filed on December 13, 1999.

The document number of this corporation is P99000107717.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 28, 2020, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-eighth day of January, 2020



Paul W. Scott
Secretary of State

Tracking Number: 802578647CC
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sos.state.fl.us/CertificateOfStatus/CertificateAuthentication>



MILLER LEGG & ASSOCIATES, INC.

State of Florida
Department of State

I certify from the records of this office that MILLER, LEGG & ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on March 15, 1995.

The document number of this corporation is P9500002117.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 13, 2020, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Thirteenth day of January, 2020

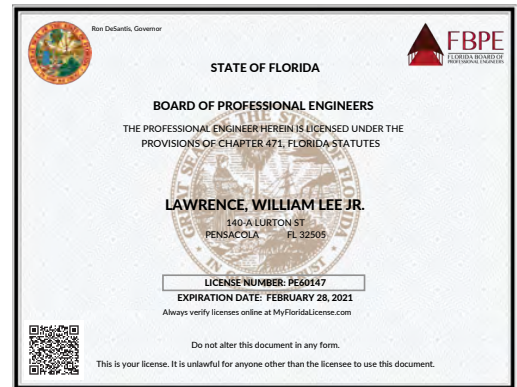


Paul W. Scott
Secretary of State

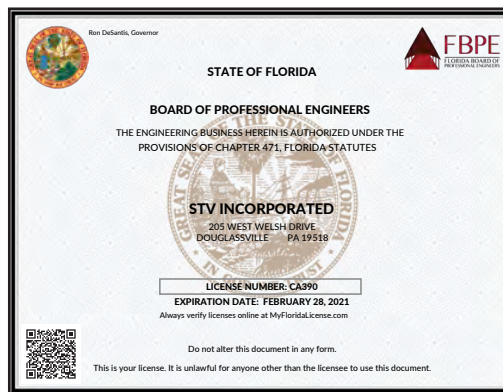
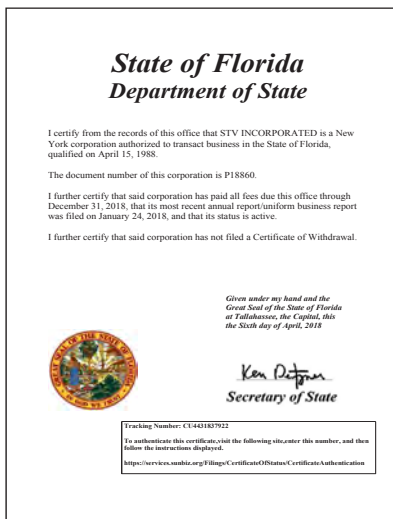
Tracking Number: 808807342CC
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sos.state.fl.us/CertificateOfStatus/CertificateAuthentication>



NOVA ENGINEERING AND ENVIRONMENTAL, LLC



STV INC. ENVIRONMENTAL, LLC



VALERIN GROUP, INC.



WALKER PARKING CONSULTANTS/ENGINEERS, INC.

State of Florida Department of State

I certify from the records of this office that WALKER PARKING CONSULTANTS/ENGINEERS, INC. is a Michigan corporation authorized to transact business in the State of Florida, qualified on December 15, 1983.

The document number of this corporation is P00285.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on February 25, 2020, and that its status is active.

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

Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Twenty-sixth day of February,
2020

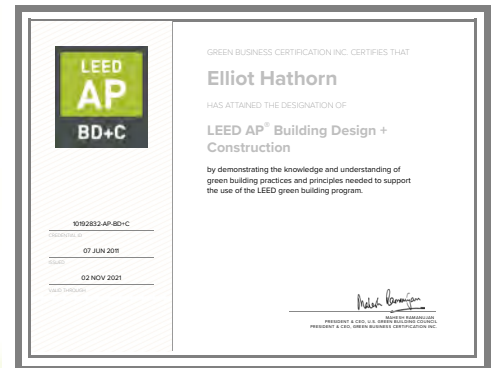
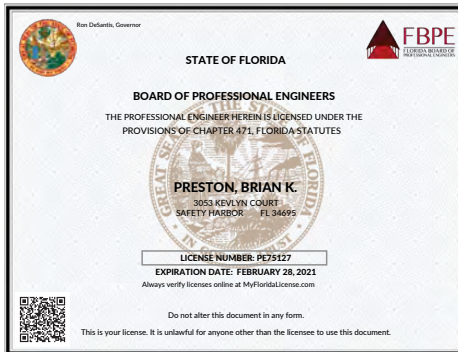
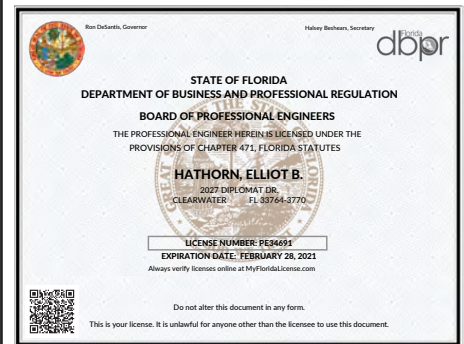


Randy A. Pifer
Secretary of State

Tracking Number: 4700018303C1

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

<https://services.flcourts.org/Filing/CertificateOfStatus/CertificateAuthentication>





3

QUALIFICATION OF THE PROJECT TEAM



THE TEAM OVERVIEW

Our proposed team is composed of a diverse and highly qualified group of professionals ready to serve the City of Fort Lauderdale's Traffic and Transportation Engineering and Planning Services contract. Members have been selected of the MARLIN team based on individual experience in engineering and planning and expertise in surveying and mapping, structural engineering, bridge/topside/underwater inspections, parking management, CEI services, civil engineering, transportation planning, multimodal, bicycle and pedestrian, traffic studies, safe routes to school program, bus/transit/ADAD facility design, public outreach, and successful working relationships on similar contracts.

As a team, we will communicate with and build project consensus among the public and governmental agencies involved in all decision-making processes. We will work closely with the City to ensure the optimum execution of our engineering and planning services under this contract.

Our team was put together with an emphasis on expertise, experience, familiarity with conditions in Fort Lauderdale, and we are committed to successfully delivering assignments within the scheduled timeframe and budget. **Our team is "tailor-made" and ready to work on this contract.**



BETSY JEFFERS, PE
Project Manager

PROJECT MANAGER'S EXPERIENCE

BETSY JEFFERS is our team's proposed Project Manager and Primary Point of Contact. She is a licensed Professional Engineer in the State of Florida with more than 28 years of experience in **civil and transportation engineering design** and project management expertise on transportation infrastructure projects for clients such as the Florida Department of Transportation and various local, state, and federal agencies. She is well versed in FDOT design criteria and standards, as well as AASHTO guidelines, specifications, typical section, variance and exception development and review, and quality control in the daily plans production environment. She recently completed a 26-year tenure with the FDOT District 4 Design Office where she spent 12 years as an In-house Design Section Leader and served as the Design Project Manager and Engineer-of-Record for a variety of projects with construction budgets ranging from \$300,000 to upwards of \$65 million.

Her Project Management responsibilities include scope, schedule, budget, client point of contact, subconsultant management, development of project design schedules, and contract development. Betsy's management style can be best described as responsive, collaborative and proactive. She is familiar with the role of Project Manager through firsthand experience; therefore, she will be able to provide viable solutions to any challenges that arise during this contract. Betsy also served as the Program Manager for the Broward Mobility Initiative which became the Complete Streets Program, working together with the Broward MPO and other Broward County municipalities including the cities of Fort Lauderdale, Hollywood, Pompano Beach, Coconut Creek, as well as others, to program over \$300 million in bicycle and pedestrian projects. Successfully completed projects for which she was the Project Manager include Hollywood Boulevard Complete Streets, Veteran's Memorial Bridge, and I-95 at Lantana Road Interchange.

As a Project Manager, Betsy will be 100% accountable to the City. She is fully experienced in all facets of the identified scope of services and has comprehensive knowledge and understanding of the capabilities of key individuals on the team.

Our Team is
100%
AVAILABLE & COMMITTED

To serving the City of
Fort Lauderdale and
meeting its goals.

KEY PROJECT TEAM

As noted in our Organizational Chart, a short bio of the task leaders are listed below. A summary of personnel experience and general resumes follows.



JOSE SANTIAGO, PE
QA/QC Officer

Availability 30%

Jose has more than 23 years of experience in the design and management of transportation engineering projects from intersection improvements to complex interchanges. He has expertise involving conceptual, preliminary and final design, including roadway geometry, right-of-way, signing and pavement marking, signalization, lighting, and roadway drainage. Jose has served as the Engineer-of Record on numerous milling and resurfacing and reconstruction projects and bringing added depth as the Quality Control Officer for MARLIN. **Project Management responsibilities** include scope, schedule, budget, client point of contact, subconsultant management, development of project design schedules, community involvement, and contract development. **Jose will be responsible for providing quality-control reviews to ensure the highest quality of all the deliverables.**

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KEVIN BECK, PSM
Chief Surveyor

Availability 50%

Kevin brings more than 35 years of extensive experience in all types of surveying projects including Boundary, Topographic, Sectional breakdown, As-Built/Record, Land Development and Platting, Right-of-Way Surveys and Maps, Specific Purpose Surveys, construction layout, and preparation of control surveys as well as sketch and descriptions used for the conveyance of real property and the creation of easements. **Kevin is a licensed Professional Surveyor & Mapper** with knowledge and expertise in **project management**, directing office operations, and developing policy and procedures. **Kevin will be the Task Leader for surveying and mapping.**

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JULIE VERS, PE
Sr. Structural Manager

Availability 30%

Julie has 22 years of **structural engineering experience including project management**, structural design/rehabilitation of bridges, sign structures, marine structures, retaining walls, foundations, various miscellaneous concrete, steel and wood structures, and bridge inspection. At MARLIN, Julie manages and serves as QC Engineer for the Structures Design and Bridge Inspection Department. Her experience with the **City of Fort Lauderdale includes the A1A Pedestrian Bridge. Recently Julie served as the Project Manager providing structural engineering and inspection services for the Ritz-Carlton Hotel located at 1 North Fort Lauderdale Beach Boulevard, spanning over A1A.** Julie is supported by **Eduardo Vazquez, EI, CBI, who leads MARLIN's Bridge Inspection Team.** Eduardo brings more than 21 years of **experience in the area of structural and underwater inspections.** He is a Certified Bridge Inspector and has a BS in Civil Engineering with structural specialization. His experience includes design and inspection of structures for water treatment plants and space frames for roof structures, structural inspection that includes bridges (conventional, movable and fractural critical), overhead signs, high mast lights and all type of culverts. **Julie will be the Task Leader for Structural Engineering Services.**



RAFAEL LAGOS, PE
Chief Engineer

Availability 40%

Rafael is a Florida Professional Engineer with more than 25 years of civil engineering **project management** experience in several disciplines, such as structures, roadway design, plans production, traffic control design, permitting, utility coordination, and construction management. Rafael successfully managed the \$80 million construction management of Krome Avenue for FDOT District 6. Rafael is supported by **German Sanchez, EI**, with 19 years of experience in roadway design, and inspection of roadway construction and bridge structures. He is also skilled in construction management and inspection on roadway and bridge structures as well as railroad rehabilitation projects. **Rafael will be the Task Leader of Construction Engineering and Inspection Services.**



MYRA PATINO, PE, PMP
Sr. Traffic Engineer

Availability 50%

Myra has over 25 years of experience providing extensive traffic/transportation engineering services. She is proficient in **traffic engineering and operations studies, traffic calming studies, traffic impact analysis, signal warrant and speed studies, public meetings, and technical writing**. Her areas of focus include on traffic operations, traffic studies, access management, and pedestrian safety. **Myra is both a Registered Professional Florida Engineer and a Certified Project Manager Professional.** Myra is supported by her **Traffic Team** who has conducted intersection, congestion management, traffic calming, arterial and expressway data collection and analysis, and development of traffic parameters and forecasting for many clients and transportation systems. **Myra will be the Task Leader of Traffic Counting & Analysis under planning services.**



LISA MAACK, AICP
Sr. Planner / Public Information Officer

Availability 50%

Lisa has 17 years of planning and environmental experience and is responsible for managing projects including multimodal corridor analyses, complete streets, transportation demand management as well as greenways and trails projects. She manages MARLIN's transit and multimodal disciplines and expansion of M/TPO, and policy planning, and is currently involved with the Complete Streets Study project for the Broward MPO. She is assisting with researching potential lane elimination projects occurring within the county. Lisa is supported by **Christina Fermin, AICP, LEED GREEN**, who has 6 years of experience in government administration. She has a solid understanding of urban and regional planning principles and as substantial knowledge of public practices and working with the community. She has also conducted research and analysis on various topics including climate change, sustainability, land use/zoning, adaptation planning, and sea-level rise. **Lisa will be the Task Leader for Community Outreach Services.**



WILLIAM LAWRENCE, PE (NOVA)
Sr. Geotechnical Engineer

Availability 40%

William is a Sr. Geotechnical Engineer for NOVA with over 25 years of experience in geotechnical engineering, subsurface exploration/drilling and construction materials testing services. He has performed numerous geotechnical explorations for FDOT as well as rural and urban County roadway design/improvements projects, some of which have included both bridge and drainage (culvert, pipe, etc.) crossing evaluations. He has also served as project geotechnical engineer and project manager during the construction phase of a wide variety of projects for roads and bridges located primarily in Florida. William also has an extensive background managing Contractor Quality Control (CQC) projects including Non-Destructive Testing (NDT) at the county, state and federal level. He is supported by **Roger Lock, RRR**, who brings more than 25 years of **experience in the area of roofing and construction material testing.** **William will be the Task Leader for Geotechnical Engineering and Testing & Inspection Services.**



NADIA LOCKE, PE, LEED AP (E SCIENCES)
Sr. Environmental Engineer

Availability 40%

Nadia has been providing environmental and engineering consulting services for over 31 years. During her career, she has worked in many facets of environmental consulting including environmental audits, site assessment and remediation, stormwater design, sanitary sewer planning, environmental permitting, climate change impact evaluation, grant assistance, wetland mitigation design, endangered species relocations, Brownfields, community involvement, and training. Her experience with the **City of Fort Lauderdale includes the Continuing Contract for General Environmental where she serves as the Contract Manager providing miscellaneous environmental services. Nadia will be the Task Leader for Environmental Engineering Services.**



BRIAN SHORE, RLA (MILLER LEGG)
Sr. Landscape Architect

Availability 60%

Brian has 18 years of experience in landscape architectural design and landscape construction services for a variety of public and private projects. His specialties include landscape, hardscape, and irrigation design services for streetscape and roadway projects including FDOT, all aspects of active and passive park design, healthcare campuses, and environmental wetland habitat creation. Other experience includes various residential and commercial projects. Brian is supported by **Miguel Juncal, RLA, CA**, who is Landscape Architect and **Certified Arborist. Brian will be the Task Leader for the Landscape Architect and Arborist Services.**



MD SHAHINUR RAHMAN, PE, PMP (SSN ENGINEERING)
Drainage Engineer

Availability 50%

MD has over 17 years of project engineering experience. He has extensive knowledge of and expertise in the surface water and ground water of south Florida. MD's areas of experience include roadway design, stormwater and drainage improvements. MD is supported by **Rubel Siddique, PE** who has 17 years of experience in civil engineering related to roadway and drainage design, water supply, wastewater collection, stormwater management, and project management. **MD will be the Task Leader for Hydrology and hydraulic Engineering Services.**



JORGE LEON, PE (STV INC.)
Sr. Electrical Engineer/Director of South Florida Operations

Availability 40%

Jorge is a **Sr. Electrical Engineer** with more than 25 years of experience in the design, inspection, owner representation, plan review, and construction management of transportation, commercial, industrial, and educational facilities, as well as heavy movable structures. His areas of expertise include, designing power and lighting distribution systems, control diagrams, electrical details, lighting, motor controls, lightning protection, grounding systems, emergency generator sizing, fire alarm systems, security systems, data/communications systems, paging systems, short circuit analysis, coordination studies, and imbalance measurement for movable bridge projects. Jorge is supported by **Michael Camoscio, PE, LEED AP BD+C** who is a **Professional Mechanical Engineer** with 12 years of experience preparing designs and layouts for mechanical, plumbing, fire protection systems, as well as machinery for movable bridges. **Jorge will be the Task Leader for Mechanical, Plumbing and Electrical Services.**



JAMES CORBETT, CAPP (WALKER CONSULTING)

Availability 40%

Parking Consulting and Planning

Jim is a **Certified Administrator of Public Parking (CAPP)** and an innovative parking executive with 20 years of successful parking operation leadership and fiscal governance. Jim joined Walker in 2015 after a ten-year career as the Parking Division Manager with the City of Tampa where he managed a 17 million dollar annual budget with one million dollars of capital improvement designation per annum. Jim has specialized experience managing municipal and private parking assets including on-street parking, residential parking, concert arenas and sports stadiums, hospitals, convention centers, performing arts centers, hotels, office buildings, mixed-use surface lot parking and community redevelopment districts. **Jim served as Project Manager for the Parking Consulting Services project with the City of Fort Lauderdale. He conducted a market and financial analysis of the City's parking enterprise including projections of the operating revenue, operating expense, capital expense, and debt service of the parking enterprise over a ten-year period. Jim will be the Task Leader for Parking Management Consulting and Planning Services.**



VICTOR DOVER FAICP, LEED-AP (DOVER, KOHL & PARTNERS)

Availability 40%

Urban Designer

Victor Dover will provide high-level support in the development of a Vision for a system-wide transportation network, individual corridors and multi-modal stations/mobility hubs. Victor is an institution in South Florida and is one of the founders who established DK in 1987. DK focuses on the creation and restoration of neighborhoods as the basis for sound communities. Victor has personally led over 140 charrettes worldwide.

Victor is former Chair of the Congress for the New Urbanism (CNU) and was the Founding Chair of the CNU Florida Chapter, the first of its kind. He is a CNU-Accredited Professional. He was a key player in the creation of the Form-Based Codes Institute and the National Charrette Institute, both leading think tanks for sustainable urbanism and community-based planning. Victor is a Fellow of the American Institute of Certified Planners. He served on the core committee setting sustainable urbanism certification standards for the Leadership in Energy and Environmental Design for Neighborhood Development rating system (LEED-ND). Victor has successfully completed all portions of the Architectural Registration Exam.

Victor and the DK Team **will lead the Team for system-wide/regional land use and transportation planning efforts.** DK's experience in El Paso, Texas is a model for an approach in Ft. Lauderdale. The team worked with residents, stakeholders, and officials from the City, State and led a multi-disciplinary team to develop a system-wide transit plan with multiple corridors and transit technologies. For each corridor, station locations were defined and station area and cumulative corridor master plans were developed through many charrettes and local outreach. Victor will also **lead conceptual design and tasks for subarea/corridor and station area planning.** Under Victor's leadership, the DK team will focus on corridor and station-area master plans and architectural standards to create illustrative plans in coordination with staff and the public to envision a walkable, resilient and sustainable future.

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ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTACT - SPECIFIC QUALIFICATIONS

A. CONTACT INFORMATION

1. TITLE AND LOCATION (City and State)

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

2. PUBLIC NOTICE DATE

January 17, 2020

3. SOLICITATION OR PROJECT NUMBER

RFQ# 12370-206

B. ARCHITECT - ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Betsy Jeffers, PE - Project Manager

5. NAME OF FIRM

MARLIN Engineering, Inc.

6. TELEPHONE NUMBER

954.870.5070

7. FAX NUMBER

N/A

8. EMAIL ADDRESS

bjeffers@marlinengineering.com

C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THE CONTRACT
	Prime	J-V Partner	Sub Contractor			
a.	X			 <input type="checkbox"/> CHECK IF BRANCH OFFICE	1700 NW 66th Ave. Suite 106 Plantation, FL 33313	Prime; experts in Engineering and Planning
b.			X	ACAI Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2937 W. Cypress Creek Road Suite 200 Fort Lauderdale, FL 33309	Architecture, 3D Rendering, Landscape Architecture
c.			X	AE Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	14411 Commerce Way Suite 206 Miami Lakes, FL 33016	Construction Engineering and Inspection (CEI)
d.			X	Cummins & Cederberg, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	901 Progresso Drive Suite 205 Fort Lauderdale, FL 33304	Coastal & Marine Engineering
e.			X	Connetics Transportation Group, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	3111 N University Drive Suite 405 Coral Springs, FL 33065	Multimodal Transportation Planning, Traffic Studies, Transit Planning
f.			X	Dover, Kohl & Partners, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1571 Sunset Drive Miami, FL 33143	Transportation Engineering, Urban Street Design, Intersection Design, Bicycle and Pedestrian, Wayfinding, Parking Management

C. PROPOSED TEAM

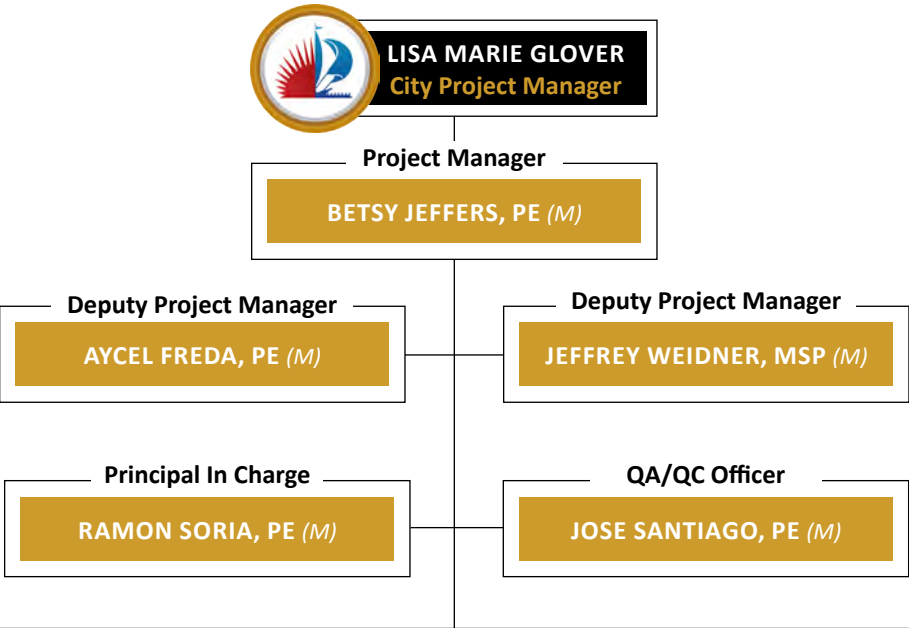
(Complete this section for the prime contractor and all key subcontractors)

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THE CONTRACT
	Prime	J-V Partner	Sub Contractor			
g.			X	ESciences, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	224 SE 9th Street Fort Lauderdale, FL 33316	Engineering Environmental Ecological
h.			X	Florida IT Engineers, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	3886 Crestwood Circle Weston, FL 33331	Traffic Engineering, Traffic Signal MOT Plans Design/Review, CCT Services and Efficiency Analysis
i.			X	IF Rooks & Associates, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	106 NW Drane Street Plant City, FL 33563	Photogrammetric Mapping
j.			X	KEITH & Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	301 E Atlantic Blvd. Pompano Beach, FL 33060	Civil Engineering, and Hydrology and Hydraulic Engineering (Drainage, Stormwater, & Sewer)
k.			X	Lakdas/Yohalem, Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2211 NE 54th Street Fort Lauderdale, FL 33308	Civil and Structural Engineering, Special Inspector of Threshold Building
l.			X	Master Consulting Engineers, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	4101 Ravenswood Road Suite 307 Fort Lauderdale, FL 33312	Structural Engineering
m.			X	Miller Legg & Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	5747 N Andrews Way Fort Lauderdale, FL 33309	Landscape Architecture
n.			X	NOVA Engineering and Environmental, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	4350 Oakes Road Suite 518 Fort Lauderdale, FL 33314	Geotechnical Engineering, Construction Material Testing Inspections, and Roofing services
o.			X	SSN Engineering, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	3500 North State Road 7 Suite 213 Lauderdale Lakes, FL 33319	Hydrology and Hydraulic Engineering (Drainage, Stormwater, & Sewer) services
p.			X	STV, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	6303 Blue Lagoon Drive Suite 400 Miami, FL 33126	Mechanical, Plumbing, and Electrical Engineering services

C. PROPOSED TEAM						
(Complete this section for the prime contractor and all key subcontractors)						
	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THE CONTRACT
	Prime	J-V Partner	Sub Contractor			
q.			X	Valerin Group, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2945 W. Cypress Creek Road Suite 104 Fort Lauderdale, FL 33309	Public Involvement, Community Outreach Strategy
r.			X	Walker Parking Consultants/Engineers, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	4904 Eisenhower Blvd. Suite 150 Tampa, FL 33634	Parking Management Strategies, Planning, Design
D. ORGANIZATIONAL CHART OF PROPOSED TEAM						
<input checked="" type="checkbox"/> (Attached)						

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TEAM			
PRIME			
(M)	MARLIN Engineering, Inc.		
SUBCONSULTANTS			
(A)	ACAI Associates, Inc.	(L)	Lakdas/Yohalem Engineering, Inc.
(AE)	AE Engineering, Inc.	(MC)	Master Consulting Engineers, Inc.
(C)	Connetics Transportation Group , Inc.	(ML)	Miller Legg & Associates, Inc.
(CU)	Cummins & Cederberg, Inc.	(N)	NOVA Engineering and Environmental, LLC
(D)	Dover, Kohl & Partners, Inc.	(S)	SSN Engineering, LLC
(E)	ESciences Inc.	(ST)	STV Inc.
(F)	Florida IT Engineers, Inc.	(V)	Valerin Group, Inc.
(I)	IF Rooks & Associates, LLC	(W)	Walker Parking Consultants/Engineers, Inc.
(K)	KEITH & Associates, Inc.	* Key Personnel (Resumes included in Tab #3)	



ORGANIZATIONAL CHART

ENGINEERING CONSULTANT SERVICES				
AYCEL FREDa, PE: Deputy Project Manager				
A. SURVEYING & MAPPING Kevin Beck, PSM* (M) Omar Carcamo (M) Luis Santaliz (M) Isaac Rooks, Jr., PSM (I) David McKay, PSM (I) Lee Powers, PSM (K) Daniel Chechia (K)	B. ENVIRONMENTAL ENGINEERING Nadia Locke, PE* (E) Justin Freedman (E) Larry Schmaltz, PE, GC, FLAC (N)	C. GEOTECHNICAL ENGINEERING SERVICES, TESTING & INSPECTION William Lawrence, PE* (N) Miguel Truzman, PE (N) Kelly Marshall, PE (AE)	D. STRUCTURAL ENGINEERING Julie Vers, PE* (M) Barabara King-Russell , PE (M) Eduardo Vazquez, EI, CBI (M) Alexis Rego, CBI (M) Jason Cummins, MSc, PE (CU) Jannek Cederberg, MSc, PE (CU) Lakdas Nanayakkara, PE (L) Miguel Villegas, PE (MC) Brian Preston, PE (W) Elliot Hathorn, PE, LEED AP (W) James Corbett, CAPP (W) Armando Castellon, PE (MC)	E. MECHANICAL, PLUMBING & ELECTRICAL ENGINEERING Jorge Leon, PE* (ST) Michael Camoscio, PE, LEED AP (ST)
F. TRANSPORTATION ENGINEERING Jeffrey Weidner, MSP* (M) Myra Patino, PE, PMP (M) Walter Keller, PE, AICP (M) Aysel Freda, PE (M) Lisa Maack, AICP (M) Christina Fermin, AICP, LEED GREEN (M) Moshiur Rahman, PhD (M) Yang Yang (M) Ashok Sampath (M) Donald Wilkin, RA, CPTED (A) Rafael Oranday, LEED AP (A) Victor Dover, FAICP, LEED AP, CNU-A (D) Jason King, AICP, CNU-A (D) Bo Gao, PE, PTOE (F) Carlton Copeland, IMSA III (F) Lisa Bernstein, PE (K) Rubel Siddique, PE (S) MD Shahinur Rahman, PE, PMP (S)	G. HYDROLOGY AND HYDRAULIC ENGINEERING MD Shahinur Rahman, PE, PMP* (S) Rubel Siddique, PE (S) Stephen Williams, Sr., PE (K)	H. PARKING MANAGEMENT CONSULTING SERVICES James Corbett, CAPP* (W) Brian Preston, PE (W) Elliot Hathorn, PE, LEED AP (W) Victor Dover, FAICP, LEED AP, CNU-A (D) Jason King, AICP, CNU-A (D) Myra Patino, PE, PMP (M) Donald Wilkin, RA, CPTED (A) Lakdas Nanayakkara, PE (L)	I. LANDSCAPE ARCHITECT CONSULTING SERVICES & ARBORIST Brian Shore, RLA* (ML) Miguel Juncal, RLA, CA (ML) Donald Wilkin, RA, CPTED (A) Victor Dover, FAICP, LEED-AP, CNU-A (D) Jason King, AICP, CNU-A (D) Nadia Locke, PE, LEED AP (E) Justin Freedman, MS (E)	J. CONSTRUCTION, ENGINEERING AND INSPECTION (CEI) Rafael Lagos, PE* (M) Ricardo Angulo (M) German Sanchez, EI (M) Kevin Beck, PSM (M) Myra Patino, PE (M) Gregory Netto, PE, CGC, LEED® AP (AE) James Newman (AE) Nadia Locke, PE, LEED AP (E) Stephen Williams, Sr., PE (K) Lee Powers, PSM (K) Daniel Checchia (K) Lakdas Nanayakkara, PE (L) Brian Shore, RLA (ML) Miguel Juncal, RLA, CA (ML) Miguel Truzman, PE (N) Jorge Leon, PE (ST) Michael Camoscio, PE, LEED AP (ST) James Corbett, CAPP (W)
M. SCOPE OF SERVICES/KEY STAFF Betsy Jeffers, PE* (M) Jeffrey Weidner, MSP* (M) Aysel Freda, PE* (M) Kevin Beck, PSM* (M) Rafael Lagos, PE* (M) Lisa Maack, AICP* (M) Julie Vers, PE* (M) Gregory Netto, PE, CGC, LEED AP (AE) Nadia Locke, PE, LEED AP (E) Brian Shore, RLA (ML) MD Shahinur Rahman, PE, PMP (S) Jorge Leon, PE (ST) James Corbett, CAPP (W)				
K. CIVIL ENGINEERING Aysel Freda, PE* (M) Rafael Lagos, PE (M) Bo Gao, PE, PTOE (F) Jason Cummins, MSc, PE (CU) Jannek Cederberg, MSc, PE (CU) Stephen Williams, Sr., PE (K) Lakdas Nanayakkara, PE (L)				
L. COMMUNITY OUTREACH Lisa Maack, AICP* (M) Christina Fermin, AICP, LEED GREEN (M) Eric Katz, AICP, CNU-A (M) Nanea Marcial (V) Cynthia McGrail (V)				

PLANNING SERVICES	
JEFFREY WEIDNER, MSP: Deputy Project Manager	
A. COMPREHENSIVE TRANSPORTATION PLANNING-LEVEL STUDIES Jeffrey Weidner, MSP* (M) Lisa Maack, AICP (M) Eric Katz, AICP, CNU-A (M) Christina Fermin, AICP, LEED GREEN (M) Moshiur Rahman, PhD (M) Yang Yang (M) Jaqueline Masaki, Ph.D (M) Myra Patino, PE, PMP (M) Rafael Lagos, PE (M) Ashutosh Kumar (C) Adam Barnum (C) Ayberk Kocatepe (C) Victor Dover *(D) Jason King (D) Nadia Locke, PE, LEED AP (E) Justin Freedman, MS (E) Bo Gao, PE, PTOE (F) Robert Modys, AICP (K) Lakdas Nanayakkara, PE (L) Jorge Leon, PE (ST) Michael Camoscio, PE, LEED AP (ST)	B. COMPREHENSIVE SERVICES FOR CITY TRANSPORTATION RELATED PROJECTS & INITIATIVES Lisa Maack, AICP* (M) Tim Crobans* (C) Jeffrey Weidner, MSP (M) Eric Katz, AICP, CNU-A (M) Roxana Matamoros, PE (M) Robert Modys, AICP (K) Lisa Bernstein, PE (K) Donald Wilking, RA, CPTED (A) Galen Vongleich, RA, LEED AP (A) Lakdas Nanayakkara, PE (L)
C. TRAFFIC COUNTING SERVICES & ANALYSIS/CCTV SERVICES/ PUBLIC OUTREACH Myra Patino, PE, PMP* (M) Harold Pantaleon* (M) Manvitha Rajalingola (M) Dharmin Kukadia (M) Lisa Maack, AICP (M) Moshiur Rahman, PhD (M) Bo Gao, PE, PTOE (F) Carlton Copeland, IMSA III (F) Nanea Marcial (V) Cynthia McGrail (V)	D. PARKING SPECIFIC ANALYSIS & TECHNOLOGIES SERVICES James Corbett, CAPP* (W) Brian Preston, PE (W) Elliot Hathorn, PE, LEED AP (W) Jeffrey Weidner, MSP (M) Lisa Maack, AICP (M) Christina Fermin, AICP, LEED GREEN (M) Adam Barnum (C) Ashutosh Kumar (C) Ayberk Kocatepe (C) Victor Dover (D) Jason King (D) Jorge Leon, PE (ST)
E. SCOPE OF SERVICES/KEY STAFF Jeffrey Weidner, MSP* (M) Lisa Maack, AICP* (M) Myra Patino, PE, PMP* (M) James Corbett, CAPP* (W) Victor Dover *(D)	

	STAFF	ROLE	YEARS OF EXPERIENCE	ENGINEERING																								PLANNING								
				Survey, SUE, Photogrammetry	Environmental / NEPA / Wetlands Remediation, Env Mitigation	Geotechnical, Materials/Structural Testing and Inspections	Structural Engineering Design and Assessments	Underwater Structural Inspections	Nondestructive Testing	Threshold Inspections / Special Inspector	Mechanical, Electrical, Plumbing and Fire Protection	Transportation and Traffic Eng Incl. Data Collection	Urban, Intersection, Highway Design	Bicycle & Pedestrian / Complete Streets Planning and Design	Bus and Transit Facility Design	Wayfinding	Stormwater, Drainage Water and Wastewater Design	Green Infrastructure and Climate Resiliency Adaptation	Parking Study	Parking Structures and Surface Parking Lot Design	Grant Application	Landscape Architecture	Arborist	Master Planning and Redevelopment Planning	Construction, Engineering and Inspection (CEI)	Civil Eng. incl. Proj. Mgmt., Hwy, Coastal, Trc., Utl, Airtpt. Marine, Tunnel	Community Outreach	Architectural/Engineering services	Multimodal Transportation Master Plans	Bicycle and Pedestrian Master Plans	Traffic Studies incl. Traffic Counts	Transit Planning	Safe Routes to School Program Planning	Connected Vehicle and Other Technology	Parking Mgmt., Analysis, Planning	
MARLIN	Betsy Jeffers, PE	Project Manager	28								●	●	●	●	●	●		●							●	●					●		●			
	Aycel Freda, PE	Deputy Project Manager- Engineering	15								●	●	●	●	●	●		●							●	●				●		●				
	Jeffrey Weidner, MSP	Deputy Project Manager- Planning	33									●		●		●	●		●			●			●	●		●	●	●	●	●	●	●	●	
	Jose Santiago, PE	QA/QC Officer	23									●	●	●	●								●		●	●			●							
	Rafael Lagos, PE	Chief Engineer	25										●	●		●								●	●											
	Myra Patino, PE, PMP	Sr. Traffic Engineer	25												●	●	●								●				●		●	●	●	●	●	
	Lisa Maack, AICP	Sr. Planner/Public Information Officer	17										●	●		●			●			●					●	●	●	●	●	●	●			
	Kevin Beck, PSM	Chief Surveyor	35	●																●									●	●	●	●	●			
	Julie Vers, PE	Sr. Structural Manager	20				●	●																	●											
ACAI	Donald Wilkin, RA, CPTED	Architect	37																							●										
	Galen VonGleich, RA, LEED AP	Architect	15																						●											
AE	Gregory Netto, PE	Sr. Project Engineer/Project Administrator	24																				●	●												
	James Newman	Roadway/ITS Project Administrator	23																				●													
CTG	Ashutosh Kumar	Planner	15									●						●					●					●			●	●		●		
	Adam Barnum	Planner	7									●		●									●				●			●	●		●			
	Tim Crobons	Planner	30									●		●									●				●			●			●			
C&C	Jason Cummins, PE	Coastal Engineer	15				●	●								●								●	●											
	Jannek Cederberg, PE	Coastal Engineer	17				●									●								●	●											
DOVER	Victor Dover	Planner	37									●	●	●	●			●	●				●				●		●	●		●	●			●
	Jason King	Planner	17									●	●	●	●				●				●				●		●	●		●	●			●
ESCI	Nadia Locke, PE	Environmental Engineer	31		●														●																	
	Justin Freedman	Senior Scientist	17		●														●			●														
FITS	Bo Gao, PE, PTOE	Traffic/ITS Engineer	21									●											●		●	●					●			●		
	Carlton Copeland, IMSA III	Traffic Signal Design Engineer	35									●												●							●		●			
IFR	Isaac Rooks, Jr., PSM	Photogrammetric Project Manager	31	●																																
KEITH	Lee Powers, PSM	Project Surveyor/GIS Specialist	13	●																																
	Daniel Chechia	SUE & Utility Coordination Manager	21	●																																
	Stephen Williams, Sr. PE	Civil Engineer	48																																	
LYE	Lakdas Nanayakkara, PE	Structural Engineer	40			●	●	●	●	●							●	●							●											
MCE	Miguel Villegas, PE	Transportation Structural Engineer	23				●						●																							●
	Armando Castellon, PE	Structural Engineer/Threshold Inspector	37				●				●																									
MILLER	Brian Shore, RLA	Sr. Landscape Architect	20																		●	●	●													
	Miguel Juncal, RLA, CA	Landscape Architect/Certified Arborist	16																		●	●														
NOVA	William Lawrence, PE	Geotechnical Engineer	29		●	●	●		●	●																										
	Miguel Truzman, PE	Sr. Geotechnical Engineer	29		●	●	●		●	●																										
SSN	MD Shahinur Rahman, PE, PM	Drainage Engineer	17													●																				
	Rubel Siddique, PE	Drainage Engineer	17													●																				
STV	Jorge Leon, PE	Sr. Electrical Engineer	25								●																									●
	Michael Camoscio, PE, LEED AP	Mechanical Engineer/Plumber	12									●																								●
VAL	Cynthia McGrail	Community Outreach/Public Relations	25																						●				●							●
	Nanea Marcial	Community Outreach/Public Relations	17																								●		●							●
WALK	James Corbett, CAPP	Parking Consulting and Planning	27														●				●				●									●		●
	Brian Preston, PE	Parking Desing and Restoration Engineer	18				●										●				●				●									●		●

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Betsy Jeffers, PE	Project Manager	a. TOTAL 28	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) BS, Civil Engineering, Florida International University, 1991		17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE) Florida Professional Engineer Lic. No. 50745, 1996	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Advance MOT, MOT Trainer, FDOT Leadership Academy, FDOT Management Academy			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Downtown Walkability Projects Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm As Engineer-of-Record. Supported the City's Downtown Walkability Capital Improvement program through the engineering and construction administration of pedestrian and bicyclist safety improvements at the intersections at E. Las Olas Boulevard and NE 2nd Street with NE 4th Avenue and SE 2nd Street between SE 3rd and 5th Avenues. The project crossing in Downtown Ft. Lauderdale is intended to slow vehicular speeds, enhance pedestrian traffic control, markings and signage, improve site distance, and raise intersections and crossing, and other strategies in urbanized areas where there is a mix of high pedestrian and vehicular volumes. The scope of work included comparative analysis of bicycle and pedestrian standards by the City's Complete Streets Manual, NACTO, AASHTO, FDOT, and Broward County to comply with varying jurisdictional requirements of the project streets and intersections.			
b.	(1) TITLE AND LOCATION (City and State) Hollywood Boulevard from City Hall Circle to Dixie Highway Complete Street - FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Design Project Manager and Engineer-of-Record. A showcase project for the City of Hollywood and Broward MPO, this Complete Streets project included completely reconstructing the roadway in order to continue to provide 4 lanes of thru traffic, 12-foot decorative sidewalks, 5-foot bike lanes and on-street parking. The project also included signal replacement and upgrade to mast arm, and lighting which accommodates the roadway as well as the pedestrian. A new system of French drains were installed to improve the existing drainage system. Coordination with the City of Hollywood and all business owners in the limits was a must during design as well as throughout construction. Additionally, a JPA with the City of Hollywood for the installation of a new watermain was included in the project.			
c.	(1) TITLE AND LOCATION (City and State) SR A1A from Monroe Street to Sheridan Street Complete Street FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Design Project Manager and Engineer-of-Record. This resurfacing project in Hollywood Beach includes the relocation of curb and gutter towards the roadway to accommodate wider decorative sidewalks. Sidewalks on the west side were widened to 10 feet while the west side sidewalks were widened to 6 feet. Included lighting conduit and pedestrian signal upgrades as well as installing pipelining and check valves to improve flooding problems on A1A. It was a collaboration with the City of Hollywood and the Hollywood CRA to provide a Complete Streets project. Public involvement and coordination with all stakeholders was essential in delivering this project. Over 50 license agreements had to be acquired to harmonize the new sidewalks at the right-of-way. Cross slopes had to be corrected and new drainage inlets had to be installed at the new curb lines and tied to the existing drainage system. Significant utility coordination effort was required for the installation of these new inlets.			

ADDITIONAL PROJECTS ON NEXT PAGE

d.	(1) TITLE AND LOCATION (City and State) Sunset Strip from Nob Hill Road to Sunrise Boulevard FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Design Project Manager and Engineer-of-Record. Complete Streets project in the City of Sunrise, including over three miles of lane elimination through restriping and the construction of two roundabouts. The existing typical section within the limits was a 4 lane divided roadway with roadside swales. Sunset Strip is a mostly residential corridor. There are various parks and schools within the project limits, and the need for a buffered bike lane was prevalent. In order to accommodate the bike lane, the road was milled, resurfaced, and striped with one 12-foot lane and a 9-foot buffered bike lane. At major intersections where traffic is heavier, widening was done to continue to provide the bike lane but maintain the existing lane configuration.		
e.	(1) TITLE AND LOCATION (City and State) SR 811 Dixie Highway from McNab Road to Atlantic Boulevard RRR with Lane Elimination, Broward County - FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Design Project Manager and Engineer-of-Record. RRR project in the City of Pompano with lane elimination. The limits of this project are on a section where the road becomes a one-way pair. The City proposed lane reduction in the section from 6-lane to 4-lane to accommodate bike lanes and on-street parking. The lane elimination was approved and was incorporated into the project through striping. Safety improvements included lighting upgrades at the two signalized intersections were accomplished through coordination with FPL to install luminaires on their poles rather than adding new poles at the busy intersections. It also included upgrading all bus stops and adding approximately 2000 feet of missing sidewalks.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Aysel Freda, PE	Deputy Project Manager Engineering	a. TOTAL 14	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. in Mechanical Engineering, University of Havana, Cuba, 1993		17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE) Florida Professional Engineer Lic. No. 77550, 2014	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Advance Building Code Course Credit; FDOT Advance MOT; FDOT Specifications Package Preparation Training for Consultant Firms; FDOT Management Academy			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Prospect Road from Commercial Blvd to Dixie Hwy. FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Consultant Project Manager. Mobility project in Broward County with lane elimination. The limits of the projects are inside the City of Oakland Park, Margate and Ft Lauderdale and the road is owned by Broward County. The City of Oakland Park proposed lane elimination to reduce 6L to 4L to accommodate bike lanes and on-street parking from SR-845/Powerline Road to SR-811/Dixie Hwy. Coordination with the Oakland Park, Margate and Ft Lauderdale cities and Broward County was a must during the design. It also included missing sidewalks, adding pedestrian pedestal and signal to meet ADA and MUTCD requirements. Lighting upgraded at signalized intersection with SR-845/ Powerline Road.		
b.	(1) TITLE AND LOCATION (City and State) SR-5/US-1 from S of SE Heritage Blvd to No of SE Salerno Blvd., Martin County - FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Consultant Project Manager. RRR project is a six-lane divided section, urban another principal arterial, with bike lanes, curb and gutter and continuous sidewalk on both sides. Injection grout was proposed at two signalized intersections US-1 and Cove Rd and US-1 and Salerno Road due to chronic pavement failure. All seven signalized intersections within the project limits contained loops have been upgraded to video detection and the traffic control cabinets replaced.		
c.	(1) TITLE AND LOCATION (City and State) SR-710 Beeline Hwy from S of Pratt Whitney Rd to S of Park of Commerce Blvd., Martin County - FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Consultant Project Manager. RRR project is a 4 lane divide rural principal arterial with inside and outside paved shoulders. Limits are from South of the Pratt and Whitney Entrance to South of Park of Commerce Blvd. in Palm Beach County located in Martin County.		
d.	(1) TITLE AND LOCATION (City and State) SR A1A from Monroe Street to Sheridan Street Complete Street FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Senior Roadway Engineer. This resurfacing project in Hollywood Beach includes the relocation of curb and gutter towards the roadway in order to accommodate wider decorative sidewalks. Sidewalks on the west side were widened to 10 feet while the west side sidewalks were widened to 6 feet. It also included lighting conduit and pedestrian signal upgrades as well as installing pipe lining and check valves to improve flooding problems on A1A. It was a collaboration with the City of Hollywood and the Hollywood Beach CRA to provide a Complete Streets project. Public involvement and coordination with all stakeholders were key on delivering this project.		
e.	(1) TITLE AND LOCATION (City and State) Sunset Strip from Nob Hill Road to Sunrise Blvd. FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Senior Roadway Engineer. Complete Streets project in the City of Sunrise including over three miles of lane elimination thru restriping and the construction of two roundabouts. The existing typical within the limits was a 4-lane divided road-way with roadside swales. Sunset Strip is a mostly residential corridor. There are various parks and schools within the project limits, and the need for a buffered bike lane was prevalent. In order to accommodate this bike lane, the road was milled, resurfaced, and striped with one 12-foot lane and a 9-foot buffered bike lane.		

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Jeffrey Weidner, MSP	Deputy Project Manager Planning	a. TOTAL 37	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) MS Planning Urban & Regional Planning Specialization- Transportation Florida State University, 1981 BS Government, Minor-Computer Science Florida State University, 1983		17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) President Broward Section, 1993 American Planning Association, Section Board Member (1989-1993)			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Protected Bike Lanes, Transit Lanes and Shared Use Path Conceptual Design Studies - City of Miami Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Jeff manages MARLIN's General Engineering and Planning Contract with the City. He is currently managing Task Work Orders to assist the City in implementing its transformative Transportation Master Plan. The plan is focused on reducing single-occupant vehicle use within the City by 20% and nearly doubling the mode share for pedestrian and bicycle use in 20 years. Jeff is now working on concepts to connect the Venetian Causeway bike lanes across the island to Beach Walk with a bike and to accommodate transit. The project includes the development of creative designs that will link pedestrians, bicycles, transit lanes and freight deliveries in a very dense urban environment. The project is funded by a TPO SMART Moves Grant integrating pedestrian bicycle connectivity to three BERT Routes and the Beach Link SMART corridor. On another work order, Jeff and the MARLIN Team worked with a single-family home neighborhood to implement a critical link in the City's shared-use path network. The Team worked closely with the neighbors to develop concepts that connect the west side of the island to Central Miami Beach that includes separated pedestrian and bicycle facilities. The final concepts include creative public art, bio-swales, permeable pavement and traffic calming devices, including speed tables, lane narrowing and a traffic circle.		
b.	(1) TITLE AND LOCATION (City and State) Hollywood Blvd/SR 7 Mobility Hub Project Broward MPO, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Managed the development of a project to improve pedestrian/bicycle mobility and transit access at the intersection of SR 7 and Hollywood Blvd. Jeff coordinated a team of design engineers and pedestrian/bicycle professionals to develop an improvement that included 10 intersections and 6 crosswalks, 9 wrapped utility boxes, a median pedestrian barrier incorporating the City's new logo, protected bike lanes, pedestrian scale lighting and green bike lanes at keyholes. The proposal is moving to programming and implementation.		
c.	(1) TITLE AND LOCATION (City and State) Miami-Dade County Pedestrian/Bicycle Projects Prioritization Tool Development FDOT District 6	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Developed a data driven tool for the District to utilize to achieve their Vision Zero SHSP goals for pedestrian and bicycle safety. Multiple GIS layers were developed for Safety, Equity, Demand and Connectivity for the entire State Highway System. The database attribute files were parsed by one mile segments and exported a decision based data base file that scored each link and prioritized the network for safety projects. The system is supporting the District's investment plans for targeted safety improvements.		

Additional projects on next page

19. RELEVANT PROJECTS			
d.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Martin County Railroad Grade Separation Study	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	Martin MPO, FL	2016	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current fir Project Manager. Managed a study to vet 25 railroad at-grade crossings along the FEC Rail corridor to identify, evaluate and prioritize potential grade separations. MARLIN worked very closely with the community on the potential impacts of a grade separation including impacts to neighborhoods, enhancement of emergency response time, access to transit routes and impacts of the Witham Field Runway Protection Zone. In addition to roadway crossing, MARLIN was tasked with identifying locations for pedestrian/bike/trail grade separations. Four concepts and cost estimates were developed for the 2 top priority roadway locations and 2 top priority non-motorized locations. MARLIN was recognized by the SAC for our creativity as we developed concepts for a roadway depression under the railroad with complete streets treatments at-grade and for a concept for a 50' wide "public place" over the railroad instead of a 10' wide pedestrian bridge.			
e.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	The Wave, Fort Lauderdale Streetcar	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	FDOT Liaison	2015	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current fir Strategic Development Manager. FDOT Liaison to local project team. Managed the FDOT input, preparation, comment and review of technical documents and New Starts and TIGER Grant submittals to the Federal Transit Authority. Required years of partnership building that has been showcased by the locals across the nation as a model for start-up streetcar projects.			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Jose Santiago, PE	QA/QC Officer	a. TOTAL 22	b. WITH CURRENT FIRM 13
15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Civil Engineering, University of Miami, 1996		17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE) Florida Professional Engineer Lic. No. 60248, 2003	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Advanced Maintenance of Traffic			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) General Engineering Consultant Town of Miami Lakes, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. General Engineering Consultant to the Town of Miami Lakes providing civil and traffic engineering as well as survey services for a variety of projects including roadway reconstruction, drainage improvements and utility coordination. MARLIN provided design services for the West Lakes Drainage Improvements project which consisted of the replacement of existing catch basins, the addition of manholes, new pipes and French Drains. The Miscellaneous Streetscape Improvement project at the Town of Miami Lakes was part of the town's Beautification Master Plan. MARLIN provided design services for the installation of paver treatments at various locations, including gateways and specific intersections (unsignalized and signalized), as well as the application of pavement markings.		
b.	(1) TITLE AND LOCATION (City and State) Atlantic Shores Boulevard Roadway Improvements Hallandale Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Design and reconstruction services for Atlantic Shores Boulevard from Diplomat Parkway to US 1. Roadway improvements are intended to increase safety and improve the roadway and streetscapes on Atlantic Shores Boulevard. This is a Complete Streets project that addresses on-street parking and creates a more pedestrian-friendly corridor by implementing wider sidewalks.		
c.	(1) TITLE AND LOCATION (City and State) Hollywood Blvd. Complete Streets FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager/Engineer of Record for signalization and lighting plans. Decorative signalization and lighting improvements for this Complete Streets project along Hollywood Blvd. from City Hall Circle to Dixie Highway. This project entailed the reconstruction of Hollywood Blvd. into a multimodal facility for automobiles, bicycles, and pedestrians. Responsibilities included the production of signalization and lighting component plans.		
d.	(1) TITLE AND LOCATION (City and State) General Engineering Consultant Town of Cutler Bay, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. MARLIN is providing General Engineering Consultant services to the Town of Cutler Bay since 2008. Services include roadway and streetscape design, stormwater design, cost estimating, engineering construction management and inspections, environmental engineering and permitting, transportation planning, traffic engineering, traffic impact and safety studies, parking studies, multi-modal traffic planning and design, bicycle and pedestrian paths design and integrated mobility options and traffic calming.		
e.	(1) TITLE AND LOCATION (City and State) General Engineering Consultant Doral, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. MARLIN is currently a General Engineering Consultant for the City of Doral providing civil and traffic engineering, transportation planning and surveying services for a variety of projects including roadways, drainage, traffic engineering, civil/site planning, water and sewer, environmental assessments and engineering, land use and zoning, construction management, and project management.		

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Rafael Lagos, PE	Chief Engineer	a. TOTAL 26	b. WITH CURRENT FIRM 13
15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) M.S. Civil Engineering, Florida International University, 1996 B.S. Civil Engineering, Universidad del Norte, Colombia, 1985		17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE) Florida Professional Engineer Lic. No. 51412, 1996	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Advanced Maintenance of Traffic			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Atlantic Shores Boulevard Roadway Improvements Hallandale Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chief Engineer. MARLIN was retained by the City of Hallandale Beach to provide design and reconstruction services for Atlantic Shores Boulevard from Diplomat Parkway to US 1. Roadway improvements are intended to increase safety and improve the roadway and streetscapes on Atlantic Shores Boulevard. This is a Complete Streets project that addresses on-street parking and creates a more pedestrian-friendly corridor by implementing wider sidewalks.		
b.	(1) TITLE AND LOCATION (City and State) Townwide Bicycle and Pedestrian Improvements Miami Lakes, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineer of Record. Sidewalk and crosswalk improvements along each side of the existing typical section of four selected corridors in the Town. The sidewalk improvements will be in accordance with ADA requirements. Since this is a LAP approved project, MARLIN will coordinate with FDOT on the development of the NEPA documentation required for this project.		
c.	(1) TITLE AND LOCATION (City and State) Hollywood Blvd. Complete Streets FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chief Engineer. Decorative signalization and lighting improvements along Hollywood Blvd. from City Hall Circle to Dixie Highway. Responsibilities included the production of signalization and lighting component plans. This Complete Streets project entailed the reconstruction of Hollywood Blvd. into a multimodal facility for automobiles, bicycles, and pedestrians.		
d.	(1) TITLE AND LOCATION (City and State) AD Barnes Park Miami-Dade County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chief Engineer. AD Barnes is sixty-five (65)-acre recreational facility nestled in South Miami-Dade County. Provided pre-construction permitting, engineering design, as well as construction administration services. This included bidding and contractor selection assistance, shop drawing, request for payment, quantity verification, and weekly contractor/client meetings.		
e.	(1) TITLE AND LOCATION (City and State) NW 92nd Avenue Reconstruction Doral, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineer of Record. Design and construction engineering inspections (CEI) services for the extension of NW 92nd Avenue. Project included the preparation of roadway plans, drainage report and plans, surveying, utility coordination, signing and pavement markings, signalization, lighting and permitting.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Lisa Maack, AICP	Senior Planner/Community Outreach	a. TOTAL 17	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) MURP, University of New Orleans, 2000 BA, Tulane University, New Orleans, LA, 1993		17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Institute of Certified Planners (AICP)			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Complete Streets Study Broward MPO	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Planner. The Broward MPO was actively seeking opportunities to implement Complete Streets projects along various corridors within the county. As a subconsultant, MARLIN was contracted to assist with researching potential lane elimination projects occurring within the county. Identifying suitable lane elimination segments could offer multi-modal solutions that improve transit and/or bicycle and pedestrian amenities such as separated bike lanes, wider sidewalks, and transit facilities.		
b.	(1) TITLE AND LOCATION (City and State) Sunrise Mobility Hub Master Plan Broward MPO	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Strategic Planner. Development of concepts for a candidate transit/pedestrian center in proximity to the Sawgrass Mills Mall. The first phase of the project will be to collect and analyze relevant transportation plans, land use plans, and redevelopment plans associated with the study area. Lisa is assisting in identifying a route for an Autonomous Vehicle (AV) shuttle to connect residential, office, and commercial uses and taking part in stakeholder workshops. She will also assist in preparing a report which will include final concept drawings, policy recommendations, and cost estimates.		
c.	(1) TITLE AND LOCATION (City and State) Trolley Passenger Surveys Miami Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm MARLIN is assisting the City of Miami Beach in a better understanding of the modes of connectivity, transit dependency, comfort and convenience of stops and trip origins and destinations through evaluating the usage of Miami Beach Trolley. MARLIN is conducting a survey of Miami Beach Trolley passengers and the general public to continue providing efficient services for the community. Lisa is the Project Manager and exceeded expectations with over 1,200 survey responses		
d.	(1) TITLE AND LOCATION (City and State) Safe Access to Transit FDOT Central Office	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Planner. MARLIN is tasked with developing a research-based study that evaluates and provides direction in providing safe access to transit stop locations and design. Lisa is responsible for incorporating recent FDOT research, current trends, and national best practices and demographic issues. Lisa is leading the dialogue with South Florida transit agencies to understand their concerns to enhance policy frameworks, guidance and criteria to increase the safety and accessibility of transit stops.		
e.	(1) TITLE AND LOCATION (City and State) City of Stuart Tram Business Plan Martin MPO	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Lisa led the preparation of a City of Stuart Tram Business Plan, which included a state of the system review, an analysis of needs and opportunities, and a business plan for moving forward. Lisa drafted and performed rider and non-rider surveys, prepared a vehicle replacement plan, and prepared a line item budget tool to estimate/game annual cost options, and identified new funding sources for the City.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Kevin Beck, PSM	Chief Surveyor	a. TOTAL 34	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) St. Anthony's High School, Huntington, NY, 1980		17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE) Florida Professional Surveyor & Mapper LS6168, 2001	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member of the Florida Atlantic University (FAU) Geomatics Engineering Advisory Council.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Johnson Dairy Road Palm Beach Gardens, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Prepared a construction layout, As-Built/Record Drawings for utility authority, easement sketch and description for constructed utilities, and Turn Lane as-built data for FDOT.		
b.	(1) TITLE AND LOCATION (City and State) Upland Topographic Survey Port of Palm Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. MARLIN prepared a Topographic Survey as defined in Chapter 5J-17.050, Florida Administrative Code (F.A.C.). Topographic data depicted on the survey included sidewalks, curbs, medians, fences, walls, trees 4" in caliper, as measured at breast height, light poles, power poles, overhead utility lines, visible, above-ground utilities, drainage swales, bollards, drainage structures with pipe material, size and invert elevation. The calculated right-of-way lines, adjacent lot/parcel lines were represented on the survey.		
c.	(1) TITLE AND LOCATION (City and State) Dynamic Envelopes FDOT District 4/Palm Beach County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Survey Project Manager. Prepare topographic surveys as defined in Chapter 5J-17, Florida Administrative Code, of five (5) intersections of State Roads and SFRTA right-of-way for the updating of pavement striping.		
d.	(1) TITLE AND LOCATION (City and State) SW 4th Avenue Delray Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Survey Project Manager. Topographic Survey with Subsurface Utility Engineering (SUE) investigations for the preparation of Easement documents to provide the City with rights of maintenance, and others, over a portion of a sanitary sewer line that was installed outside the right-of-way. Kevin was responsible for the overall project coordination and management. Managed and coordinated the Ground Penetrating Radar (GPR) and SUE services, also provided by MARLIN, as well as coordinated with all utility companies. Kevin was responsible for the recovery of section corners and existing right-of-way monumentation defining the route, the setting of horizontal and vertical project control points.		
e.	(1) TITLE AND LOCATION (City and State) LWDD L-37 Canal from Military Trail 3000 Feet East Lake Worth, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Survey Project Manager: Staked the right-of-way line of the LWDD L-37 Canal from Military Trail 3000ft East at each property corner, change in direction and at approximate 200' intervals based on a base map that will be provided by the District. The right-of-way was staked after local monumentation (section corners, plat prms, lot corners) had been located and verified.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Julie Vers, PE	Structural Design Manager	a. TOTAL 22	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Civil Engineering Florida International University, 1997		17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE) Florida Professional Engineer Lic. No. 77896, 2014 Connecticut Professional Engineer Lic. No. 23468, 2011	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certifications: NHI 100335, Safety Inspection of In-Service Bridges; NHI 135046, Stream Stability and Scour at Highway Bridges; NHI 130091, Underwater Bridge Inspection; Advanced Maintenance of Traffic, No. 51343			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Fort Lauderdale-Hollywood International Airport (FLL) Terminal Drive Bridge Inspections - Boward County Aviation Department	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Assistant Project Manager/In-Depth Bridge Inspection for each of the bridge structures carrying Terminal Drive, ramps to parking garages, and bus loops in compliance with procedures set forth in the Federal Highway Administration's (FHWA) National Bridge Inspection Standards (NBIS). Inspections include a detailed visual and hands-on inspection of the bridge components including the decks, expansion joints, all beams, diaphragms, bearings, piers and abutment caps, pier columns, and any visually exposed foundation elements. Deliverables include an In-Depth Inspection Report in National Bridge Inspection (NBI) format for each of the bridge structures.		
b.	(1) TITLE AND LOCATION (City and State) Fort Lauderdale Beach A1A Pedestrian Bridge Fort Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Structural inspections of all bridge components by FHWA National Bridge Inspection (NBIS). A comprehensive report was prepared to identify any deficiencies and recommendations for repairs. Julie was responsible for overseeing all the inspections for this pedestrian bridge.		
c.	(1) TITLE AND LOCATION (City and State) West Palm Beach I-95 Asset Management Bridge Inspection FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Confirming Engineer. Topside routine bridge inspection, including segmental bridge structures, inspection of overhead sign structures, inspection of high mast light poles (HMLPs) and underwater inspection for all applicable structures.		
d.	(1) TITLE AND LOCATION (City and State) In-house Consultant Services-Bridge Maintenance Division FDOT District 6	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. As the Project Manager on this In-House Consultant Services Contract, Julie provides support to the Bridge Maintenance Department. Her responsibilities include performing load rating analyses, reviewing consultant load rating analyses, plans reviews, field review, scope development, and project/construction cost estimates.		
e.	(1) TITLE AND LOCATION (City and State) Andrews Avenue over CSX Railroad and Dr. Martin Luther King Boulevard, Bridge Design - FDOT District 4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2008	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Structural Design Engineer. Structural design for a 604-foot 3-span (178', 248', 178') continuous reverse-curved welded steel plate girder structure. Julie designed the steel superstructure utilizing DESCUS I - "Design and Analysis of Curved I-Girder Bridge Systems". Julie also designed all details incidental to the superstructure including diaphragms, bolted field splice connections and steel reinforced elastomeric bearings. Julie also worked out the unique geometry and details required to set the superstructure on piers of varying skew angles while also accommodating the reversing curvature of the roadway. The design was in accordance with AASHTO Standard Specifications for Highway Bridges, AASHTO Guide Specifications for Horizontally Curved Steel Highway Bridges, and the FDOT Structures Design Guidelines for Load and Resistance Factor Design.		

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

12. NAME Myra Patino, PE, PMP		13. ROLE IN THIS CONTRACT Sr. Traffic Engineer		14. YEARS EXPERIENCE	
				a. TOTAL 25	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc., Plantation, FL					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Civil Engineering, Florida International University, 1994 M.S. Engineering Management, Florida International University, 1999			17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE) Florida Professional Engineer Lic. No. 56804, 2001 Florida Professional Project Manager, 2008		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Institute of Transportation Engineers					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Young Circle Roadway Redesign Hollywood CRA		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Traffic Engineer. Traffic analysis for the redesign of the 1000-foot diameter Young Circle in Downtown Hollywood, Florida. This project includes traffic engineering services including data collection, SimTraffic illustrative traffic simulation, conceptual planning-level cost estimates, and participation in stakeholder meetings. Myra is responsible for reviewing the traffic volumes for the SimTraffic simulation.					
b.	(1) TITLE AND LOCATION (City and State) 17th Street Protected Bike Lanes and Busway Miami Beach, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Traffic Engineer. MARLIN is responsible for preparing a feasibility study for 17th Street from West Avenue to Beachwalk in Miami Beach, consistent with the City's Transportation Master Plan (TMP). Myra is overseeing the traffic analysis and simulation for the proposed alternatives.					
c.	(1) TITLE AND LOCATION (City and State) Old Cutler Road Traffic Circulation Improvements Palmetto Bay, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Traffic Engineer. The purpose of this contract is to provide the FDOT with professional traffic engineering services through the development of various traffic operations and safety studies that will be identified for intersections, arterials, and related improvement recommendations and evaluations. This includes five basic types of safety and traffic operations studies such as: qualitative assessments, signal warrant analysis, intersection analysis, arterial analysis, left turn phase warrant analysis, composite studies, and other traffic engineering related studies, fatal crash reviews, and speed zone studies.					
d.	(1) TITLE AND LOCATION (City and State) Malbrook Neighborhood Traffic Improvement Palmetto Bay, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Worked with the Village to mitigate the impact of cut-through traffic onto the Malbrook Neighborhood. A substantial amount of traffic data has been collected to determine possible solutions, including a drone to assess the actual traffic patterns that create this unfavorable condition for the neighborhood. After assessing the current conditions, a traffic model was used to develop a long-term solution. As a result, improvements along SW 87th Avenue and SW 168th Street have been incorporated as part of the solution, and are currently under review by Miami-Dade County for approval.					
e.	(1) TITLE AND LOCATION (City and State) Palmetto Bay Downtown Redevelopment Palmetto Bay, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Traffic Impact Analysis for the Downtown Redevelopment of the Village in Palmetto Bay. The proposed project consists of multi-family residential uses, as well as potential retail and office land. The objective of this study was to assess the project's impact on the surrounding transportation network and to determine if adequate capacity was available to support future demand. Also, the study summarized the data collection, project trip generation, and capacity analysis. Myra prepared the technical report documenting the research.					

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Walter Keller, PE, AICP	Sr. Traffic Engineer	a. TOTAL 40	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Engineering, Major: Ocean Engineering, Florida Atlantic University, 1971		17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE) Florida Professional Engineer Lic. No. 20703, 1976	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Institute of Transportation Engineers, Fellow and Life Member; American Institute of Certified Planners, Member; American Planning Association, Member			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Traffic Engineering Studies North Lauderdale, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Responsible for managing intersection traffic studies in the City. Kimberly Blvd and SW 78th Ave involved traffic data collection, 5-yr crash analysis, analysis of unsignalized LOS and conversion to a 4-way all-stop per criteria of the MUTCD. Rock Island Rd and Doral/SW 14th St included traffic data collection, crash analysis and median improvement operations. SW 81st Ave & Tam O'Shanter Blvd – SW 10th Ct assessed operating conditions for a 4 lane divided roadway with 2 un-signalized intersections and 3 driveways.		
b.	(1) TITLE AND LOCATION (City and State) SW 72nd Street Parking and Truck Study South Miami, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Responsible for developing scope and study to investigate removing on-street parking and prohibiting truck movements on SW 72nd Street in the City downtown between Red Road and South Dixie Highway. The parking removal was necessary to implement a "Complete Street" concept. Work included vehicle classification counts, parking occupancy study, truck observations and an analysis of interagency requirements. A technical report was prepared with recommendations on implementing the parking removal and prohibiting through truck movements.		
c.	(1) TITLE AND LOCATION (City and State) Traffic Impact Analysis Reviews Deltona, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Technical review of traffic impact studies submitted to the City as part of the City's Development Review process. These efforts include assessing whether the submitted study adequately addresses the traffic impact of a development proposal incorporating the cumulative impact of all proposed projects within a 3-week turnaround.		
d.	(1) TITLE AND LOCATION (City and State) Disrictwide Traffic Operations Safety Studies FDOT District 6	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr. Traffic Engineer. The purpose of this contract is to provide the Department with professional traffic engineering services through the development of various traffic operations and safety studies that will be identified for intersections, arterials, and related improvement recommendations and evaluations. This includes five basic types of safety and traffic operations studies such as: qualitative assessments, signal warrant analysis, intersection analysis, arterial analysis, left turn phase warrant analysis, composite studies, and other traffic engineering related studies, fatal crash reviews, and speed zone studies.		
e.	(1) TITLE AND LOCATION (City and State) Broward County Transit-Oriented Concurrency Study Broward County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2003	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Principal in Charge/Project Manager. Responsible for preparing the initial study for establishing a County-wide transit-oriented concurrency system and transit impact fee for Broward County versus the current Traffic Impact Fee (for roadways). The study provided an overview of Broward's planning and concurrency process, assessed the Comprehensive Plan Amendment for technical soundness and the Comprehensive Plan Amendment for legal soundness. The Study also identified necessary modifications to the County Comprehensive Plan Land Development Code.		

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Harold Pantaleon	Sr. Engineering Technician/ Cerified FAA Drone Pilot	a. TOTAL 10	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc., Plantation, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Civil Engineering, INCE University, Dominican Republic, 2012		17. CURRENT PROFESSIONAL REGISTRATION (STATE & DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) FASC Intermediate; FDOT Work Zone Traffic control; IMSA traffic signal technician level 1, Certified FAA Drone Pilot			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Young Circle Roadway Redesign Hollywood CRA, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current fir Senior Engineering Technician. Traffic analysis for the redesign of the 800-foot diameter Young Circle in Downtown Hollywood, Florida. This project includes traffic engineering services including data collection, SimTraffic illustrative traffic simulation, conceptual planning-level cost estimates and participation in stakeholder meetings. Harold's task includes O/D (Origin and Destination and travel time analysis for top 10 routes interacting with the Young Circle using Bluetooth technology. He also assists in the data collection process and creating graphics and maps for the collected data using GIS software.		
b.	(1) TITLE AND LOCATION (City and State) Safe Routes to School Grant Applications 2017, 2016 & 2015 Miami-Dade TPO	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current fir GIS Specialist. These projects focus on the evaluation of 10 schools per year selected by the Miami-Dade Transportation Planning Organization (TPO) for Safe Routes to School infrastructure improvements. Scope of work includes documentation of unsafe walking/biking conditions, developing recommendations and cost estimates for improvements to infrastructure within each school's attendance boundary, and finally writing and submitting an FDOT grant application for each school. This evaluation includes field visits, coordination with school administration, and public outreach to stakeholder groups to gain input on needed safety improvements. Harold's tasks included public outreach, data collection, and GIS mapping. To date, the twenty schools involved in the 2015 and 2016 cycles were all approved and funded. The 10 schools in the 2017 cycle are still in development		
c.	(1) TITLE AND LOCATION (City and State) SMART Plan NE Corridor Inventory Analysis Miami-Dade TPO	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current fir GIS Specialist: Development of an Inventory Analysis along one of the six Strategic Miami Area Rapid Transit (SMART) Plan corridors. Project involves a comprehensive data collection process reviewing relevant case studies, identifying incoming development, and mapping existing conditions in proximity to the FEC railway corridor extending from downtown Miami to the Broward County line. Harold's tasks involved GIS and mapping future developments.		
d.	(1) TITLE AND LOCATION (City and State) SW 95th Avenue Parking Study Palmetto Bay, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current fir Traffic Analyst/Drone Pilot. Traffic study to review the parking requirements along SW 95th Avenue, from SW 174th street to US 1. Harold's responsibilities included monitoring traffic using drone video to show an analysis of traffic circulation in the study area. This assisted to qualify the turning movements observed from the traffic counts and field reviews. In addition, vehicles that needed to circle the study area due to a lack of parking spaces were identified.		

	(1) TITLE AND LOCATION (City and State) Krome Ave Construction Progress Drone Footage Study FDOT District 6	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Drone Pilot. Collection of drone footage of the construction progress of a two-mile segment along SR 997/Krome Avenue in Miami-Dade County. The footage showed five, two-mile sections, including select typical sections, interchanges, bridges, railroad crossings, and trails. Deliverables included six videos, one for each of the five segments and one comprehensive video of all five sections from south to north. Harold operated the drone as well as edited the videos.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Nadia G. Locke, PE, LEED AP	13. ROLE IN THIS CONTRACT Contract Manager	14. YEARS EXPERIENCE	
		a. TOTAL 31	b. WITH CURRENT FIRM 17

15. FIRM NAME AND LOCATION <i>(City and State)</i> E Sciences, Incorporated, Fort Lauderdale, Florida
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16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., Materials Science and Engineering	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer: FL-58676
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
LEED AP Neighborhood Development; Certified FDEP Stormwater, Erosion and Sedimentation Control Inspector #3263 and Instructor #130
OSHA 40 Hour HAZWOPER / 8 Hour Site Supervisor; NAUI/PADI Advanced Open Water Diver. Memberships: National Council of Engineers
Examiners; Florida Brownfields Association; Florida Bar Environmental Law and Land Use Section; Smart Growth Partnership

19. RELEVANT PROJECTS

1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
City of Fort Lauderdale Continuing Contract for General Environmental Services, Fort Lauderdale, Broward County, Florida	2007 – Ongoing	N/A
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Locke serves as the contract manager for the consulting contract to conduct miscellaneous environmental services for the City of Fort Lauderdale. Services conducted include emergency response to contamination identification during construction of a fire station; environmental reviews to comply with HUD Community Development Block Grant requirements; Phase I and Phase II ESAs; Opinion of post landfill closure costs; contamination assessment and remediation design; asbestos and indoor air quality surveys; development of construction documents for working in contaminated areas; endangered species surveys, permitting and relocation; benthic surveys, NPDES (stormwater permit) support; and grant support. <i>Contract Budget/Fees: \$593,822</i>		
1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
City of Miami Beach Environmental Engineering Continuing Services, Miami Beach, Miami-Dade County, Florida	2011 – Ongoing	N/A
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Locke is the contract manager for a consulting contract to conduct miscellaneous environmental services for the City of Miami Beach. Services conducted to date include Groundwater Elevations Monitoring and Mapping Project (Sea Level Rise Study), preparation of spill prevention control and countermeasure plans for 12 facilities including pump stations, fire stations, public works yard, Phase I and II ESAs for the area of the Miami Beach Convention Center, canoe/kayak launch/seawall rehabilitation permitting, tree canopy analysis, groundwater monitoring at golf courses and the fleet management facility and assessment and regulatory closure of the green waste facility. <i>Contract Budget/Fees: \$1,150,878</i>		
1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
General Environmental Engineering Services, City of North Miami Beach, Miami-Dade County, Florida	2009 – Ongoing	N/A
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Locke is the contract manager for E Sciences ongoing environmental engineering consulting contract with the City of North Miami Beach. Taylor Park was slated for redevelopment when FDEP had their Brownfields contractor conduct a Brownfields Assessment of the site. The assessment revealed the presence of metals and petroleum constituents in the soil and metals in the groundwater. Assessment activities revealed the presence of buried solid waste on most of the 21.8-acre property. Since that time, regulatory issues restricted and complicated redevelopment efforts for the property. Ms. Locke was the engineer of record for the assessment and conceptual remediation design for the property. The remediation planning was closely coordinated with the community desires, the City's needs and the park master planners to ensure a solution to remedy the environmental issues in conjunction with all of the stakeholder needs. The County is now implementing the cleanup. Ms. Locke also provided project management for Phase I environmental site assessments under this contract and senior support for E Sciences' efforts to prepare a stormwater master plan, digitize their stormwater atlases and develop a stormwater management manual for staff to follow to comply with NPDES permitting requirements. <i>Contract Budget/Fees: \$366,845</i>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Beach Corridor Rapid Transit, Miami-Dade County, Florida	5/2017 – Ongoing	N/A
d.	<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Ms. Locke is the project manager for the environmental documentation to satisfy the NEPA requirements for federal funding. This project is an approximately 13-mile corridor that extends from the Miami Design District to Government Center, eastbound along I-395 to Miami Beach and north to the Miami Beach Convention Center. Several alternatives are being evaluated to provide a rapid transit solution. Funding agencies include the FDOT, Miami-Dade County and the Cities of Miami and Miami. E Sciences is now expediting permitting for the construction of the transitway across the bay. <i>Budget/Fees: \$630,480</i></p>		
	Pompano Beach CRA Continuing Contract for Environmental Engineering Services, Pompano Beach, Broward County, Florida	2010 – Ongoing	N/A
e.	<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Ms. Locke is the contract manager for E Sciences' continuing services contract with the Pompano Beach CRA. Through this contract, E Sciences has conducted Phase I and II ESAs for several parcels in preparation for the CRA's redevelopment planning. Ms. Locke is working with the CRA to consider options on how to safely manage the identified contamination during the planning stages. Several of these properties are located along Martin Luther King, Jr. Boulevard, West Atlantic Avenue and North Dixie Highway. Community Gardens: E Sciences recently evaluated the suitability of three vacant, CRA-owned parcels for use as community gardens for the local school. The community gardens will be used to teach children about agriculture and healthy food choices. Vegetables grown on these lots will be used to provide fresh vegetables for families and children in the community. Broward Community & Family Health Center: E Sciences prepared Environmental Information and Documentation to satisfy Health Resources and Services Administration grant application requirements. The project was conducted to support the potential redevelopment of CRA parcels with a much-needed community health care facility. The documentation was required for the grant applicant to comply with NEPA. <i>Contract Budget/Fees: \$240,704</i></p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Brian Shore, RLA	13. ROLE IN THIS CONTRACT Senior Landscape Architect	14. YEARS EXPERIENCE a. TOTAL 20 b. WITH CURRENT FIRM 20	
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Ft. Lauderdale, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Landscape Architecture		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL, Registered Landscape Architect FL, FDOT Intermediate Maintenance of Traffic	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) As a Senior Landscape Architect, Mr. Shore has significant experience in landscape architectural design and landscape construction services for a variety of public and private projects. Specialties include landscape, hardscape, and irrigation design services for streetscape and roadway projects including the Florida Department of Transportation (FDOT), all aspects of active and passive park design, healthcare campuses, and environmental wetland habitat creation. Other experience includes various residential and commercial projects. Mr. Shore is a Senior Associate of the firm..			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Florida Department of Transportation (FDOT) District 4 Fort Lauderdale Sistrunk Neighborhood Phase III Pedestrian Enhancements Fort Lauderdale, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Manager: For this pedestrian and streetscape enhancement project in the City of Fort Lauderdale's Sistrunk neighborhood, we coordinated landscape architecture design and post-design services with the FDOT, City, residents, and the landscape contractor including tree removal and landscape installation. The project improvements included the addition of sidewalks, decorative lighting, milling and resurfacing, drainage and landscape. These enhancements aimed to restore Sistrunk's streets to pedestrian-friendly, vibrant corridors, and help revitalize the neighborhood and its economy. This off-system project was completed under a Districtwide Minor Projects contract as a subconsultant to Stanley Consultants, Inc.		
(1) TITLE AND LOCATION (City and State) Florida Department of Transportation (FDOT) District 4 SR 838/Sunrise Blvd. Bridge over Middle River Fort Lauderdale, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If Applicable)	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Manager: Miller Legg's Team provided in-house design services for the replacement of the Sunrise Blvd. Bridge over the Middle River. This project was a pilot project for the FDOT's BOLD Initiative instituted by the Governor. Extensive coordination with the City of Fort Lauderdale involved design efforts that included special architectural wall/vertical features, Florida Friendly landscape design, as well as hardscape and irrigation to ensure a Context Sensitive Solution was provided as an entry point to the eastern Fort Lauderdale beach communities along the Middle River. Post Design services were also provided. This project was part of a multi-year in-house continuing service contract for FDOT District 4.		
(1) TITLE AND LOCATION (City and State) City of Oakland Park NW 21st Avenue Streetscape Oakland Park, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION (If Applicable)	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Senior Landscape Architect: Under the firm's Continuing Services contract, Miller Legg prepared an aerial conceptual plan and typical sections for streetscape improvements within the right-of-way along NW 21st Avenue between Oakland Park Blvd. and NW 26th Street. The conceptual design included a conversion of a continuous median into multiple landscaped medians. The proposed medians work toward the continued beautification of the corridor. The project also focused on connectivity and safety for pedestrians and bicyclists. It extended the existing bike lane and added visible pavement markings that promote safety on the street, at driveways, and at intersection crossings.		
(1) TITLE AND LOCATION (City and State) City of Tamarac Roadway Landscape Master Plan Update Tamarac, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable)	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Project Manager: Miller Legg is providing the City of Tamarac with an update to its citywide Roadway Landscape Master Plan. The project consists of creating a go-forward landscape roadmap guide that will be implemented for years to come. Miller Legg is conducting an evaluation of existing landscape conditions, an opportunities and constraints analysis, and a citywide tree inventory assessment. The overall goal is to create a Landscape Master Plan that provides the City with typical conceptual landscape concepts, recommendations, guidelines, and implementation strategies to follow.		
(1) TITLE AND LOCATION (City and State) City of Lauderhill Sports Park Lauderhill, FL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If Applicable) 2019	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [X] Check if project performed with current firm Senior Landscape Architect: The City of Lauderhill is improving the amenities at the 12-acre Lauderhill Sports Park, including the proposed replacement of natural grass with synthetic turf on the baseball field and cricket pitch, conversion of the playground area wood chip surface to synthetic turf, playground shade and football scoreboard replacement, modifications to portions of the fitness trail and the addition of new fitness trail exercise equipment. Miller Legg is providing civil engineering design, stormwater permitting, landscape architecture, irrigation design, preparation of materials and construction specifications and bidding assistance services.		

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

12. NAME William Lawrence, PE		13. ROLE IN THIS CONTRACT Geotechnical Engineer		14. YEARS EXPERIENCE	
				a. TOTAL 26	b. WITH THIS FIRM 9
15. FIRM NAME AND LOCATION (City and State) NOVA Engineering and Environmental, LLC (Pensacola, Florida)					
16. EDUCATION (Degree and Specialization) BS Civil Engineering, University of South Alabama			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Registered Professional Engineer: Florida, Alabama, Mississippi, Louisiana, Arkansas, Indiana, Texas, Georgia		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Engineering Society (FES) American Society of Civil Engineers (ASCE)					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Design of SR123 from Turkey Creek to SR85, Okaloosa County, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2012	CONSTRUCTION (If Applicable)	
	(3) DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical Engineer: NOVA provided Geotechnical Services for the northern segment of the new design of State Road 123, including widening portions of the existing alignment, adding new alignments with a new fly-over bridge at SR85, and designing a new stormwater management system consisting of multiple dry retention ponds. Served as the Geotechnical Engineer of Record		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Merry Acres Drive and Gainer Road Bridge Replacements, Washington County, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2012	CONSTRUCTION (If Applicable)	
	(3) DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical Engineer: NOVA provided Geotechnical Services for the re-design of two (2) rural bridges in the vicinity of Bonifay, FL. Served as the Geotechnical Engineer of Record		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) Design of SR 87, End of Four-Lane to Coldwater Creek, Santa Rosa County, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable)	
	(3) DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical Engineer: NOVA provided Geotechnical Services for the northern segment of the new design of State Road 87, including designing a new stormwater management system consisting of multiple dry and wet retention ponds. Served as the Geotechnical Engineer of Record for the SMS portion of the overall project.		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) Design of SR79 from SR30 to SR30A, Bay County, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2012	CONSTRUCTION (If Applicable)	
	(3) DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical Engineer: NOVA provided Geotechnical Services for the subject segment of the new design/expansion of State Road 79, including designing a new stormwater management system consisting of multiple dry and wet retention ponds. Served as the Geotechnical Engineer of Record for the SMS portion of the overall project.		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) County Road 173 Improvements, Bonifay, FL (Phases 1 and 2)		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2012	CONSTRUCTION (If Applicable)	
	(3) DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical Engineer: NOVA provided Geotechnical Services for the phased design of State Road 173, including widening the existing alignment, installing new culvert crossings where needed, and designing a new stormwater management system consisting of multiple dry retention ponds. Served as the Geotechnical Engineer of Record		<input checked="" type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THE CONTRACT (Complete One Section E for each key person)			
12. NAME MD Shahinur Rahman, PE, PMP	13. ROLE IN THE CONTRACT Roadway/Traffic/Drainage Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 5
15. FIRM AND LOCATION (City and State) SSN ENGINEERING, LLC., Lauderdale Lakes, Florida			
16. EDUCATION (Degree and Specialization) BS Civil Engineering, Bangladesh University of Engineering and Technology (BUET), 1998 MS Civil Engineering, Texas A&M University (USA), 2003		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer, PMP	
18. OTHER PROFESSIONAL QUALIFICATION (Publications, Organizations, Training, Awards etc.)			
<ul style="list-style-type: none"> American Society of Civil Engineers, Member Project Management Institute (PMI) ICPR Training Construction Management Training (AMTRAK) Consultant Management Training Advanced Traffic Management Training 			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Miami-Dade Stormwater Master Plan Update, Miami, Florida	(2) YEARS COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE MD Rahman currently working on the Miami-Dade County Stormwater Master Plan Model created by XP-SWMM. His tasks involved updating drainage basin C-1, C-2, C-7 and C-100. Task includes all culverts, canal cross sections, land use, updating ground water information. Validate the model through calibration with SFWMD DBHYDO data. Update the boundary conditions by considering future water elevation rise in the ocean. Produce flood map for different storm events for different future years. Produce mitigation plan to reduce flood effect in the future year. <input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Traffic Plan Review for the Miami-Dade DTPW, Miami, Florida	(2) YEARS COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE MD Rahman has worked as a consultant as the extension of staff for Miami-Dade Department of Transportation and Public Works (DTPW) to review Traffic Engineering Plans. The task included reviewing consultant's plans for Roadway geometry, Signing and Marking, ADA accessibility, Traffic Signals, Pedestrian Signals, School Zone signs, and plans related to safe route to school. He has reviewed the plans to make sure they are in compliance with local, state, and federal design guidelines and issued approval for construction. <input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) Flamingo Park Improvement, City of Sunrise, Florida	PROFESSIONAL SERVICES	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If Applicable) 2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE MD Rahman worked as the drainage engineer for the 22 acres of Flamingo Park located at the City of Sunrise, Florida. The project scope included construction of new community center, covered basketball courts, soccer field restoration, and new splash pad with all amenities, site utilities and drainage improvements throughout the park. MD has created a model in ICPR for the 22 acres park to analyze the drainage pattern and provided solutions to existing ponding issues and required new drainage system for the new development. <input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) SR 997/Krome Avenue from MM 16.933 To MM 1.145 Miami, Florida	PROFESSIONAL SERVICES	
		PROFESSIONAL SERVICES 2009	CONSTRUCTION (If Applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE Krome Avenue (6.625 miles) reconstruction project in Miami-Dade County, Florida. The existing Krome Avenue is a rural two-lane undivided highway. The proposed project includes widening of the existing roadway to a four-lane divided roadway along with turn lanes, driveway access, Tamiami Canal Bridge widening, and roadway intersections improvements. Served as project engineer and Duties included are Drainage System Design, Drainage Report preparation, Pavement Selection report produce, Roadside swale, median swale design, Exfiltration trench design, spread analysis, Shear Path design, and Permitting. <input type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) MDX Design Engineering for SR 874 From Kendall Drive to SR 826, Miami, Florida	PROFESSIONAL SERVICES	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION (If Applicable) 2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE While working with Kimley-Horn, was providing design engineering services for SR 874 (Don Shula Expressway) roadway modifications from south of SW 88th Street (Kendall Drive) to south of SR 826 (Palmetto Expressway)/SR 874 interchange. Served as project engineer (Drainage) and Duties included are Miami Dade county C-2 and C-3 drainage basin analysis, Developing concept of using different tail water for ground water and surface water in same model, Pond design, Culvert design, Control structure design, Drainage model for entire roadway drainage system. <input type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Jorge Leon, P.E.	Senior Electrical Engineer	a. TOTAL	b. WITH CURRENT FIRM
		25	6

15. FIRM NAME AND LOCATION (City and State)



Miami, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)

Bachelor of Science, Electrical Engineering

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Professional Engineer: Florida

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

Mr. Leon is a senior electrical engineer with more than 25 years of experience in the design, inspection, owner representation, plan review, and construction management of transportation, commercial, industrial, and educational facilities, as well as heavy movable structures. His areas of expertise include, designing power and lighting distribution systems, control diagrams, electrical details, lighting, motor controls, lightning protection, grounding systems, emergency generator sizing, fire alarm systems, security systems, data/communications systems, paging systems, short circuit analysis, coordination studies, and imbalance measurement for movable bridge projects. Mr. Leon also has experience preparing technical specifications and construction cost estimates, reviewing shop drawings, and performing life cycle evaluations, permitting, and construction phase scheduling.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
MDAD Miami International Airport Ticket Counters G-H Miami-Dade County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2019	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
a.	Senior Electrical Engineer - Responsible for the development of MEP concept plans, preliminary contract plans, and permit contract documents for the demolition and design of the replacement terminal G-H ticket counters. Work included retrofitting the existing ticket counters, new HVAC layout, new power distribution, new lighting, communication system layout, and fire protection system layout. All work was done in accordance with local building codes, Miami-Dade Aviation Department (MDAD) criteria, and the Florida Building Code in effect during the design phase. Mr. Leon also provided construction administration and project close-out services. Cost: \$1.5 million		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Miami-Dade County EDP Continuous Professional Services Agreement Miami-Dade County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		Ongoing	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
b.	Project Manager and Senior Electrical Engineer - Overseeing various task order projects for Miami-Dade County through the Equitable Distribution Program (EDP). For one of the task orders, Mr. Leon oversaw a project for MDAD for the MEP renovation of the Satellite Ramp E USDA space and the MEP renovation of the Opa Locka Airport Security checkpoint area. He also oversaw the MEP services for the Miami-Dade County Transportation Department's Metrorail stations. Additional task orders have included the Ruben Dario Park Walkway Lighting, Parcel B Park Walkway Lighting, Matheson Hammock Park Walkway and Parking Lot Lighting, Metro Zoo Park Parking Lot and Walkway Lighting, Sugarwood Park Walkway Lighting, and Coral Reef Library HVAC Replacement. Mr. Leon has provided project management, electrical engineering and design, photometric calculations to reduce adverse lighting pollution on neighboring wildlife/aquatic habitats, and coordination with the County and utilities for new service points. Fee: \$500,000		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
FDOT District 6 Miami Intermodal Center RCC Miami-Dade County, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2014	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
c.	Senior Electrical Engineer - Oversaw design development and construction documents for electrical power, lighting, and fire alarm systems for a new Rental Car Center (RCC) as part of the Miami Intermodal Center. Each of the RCC's four levels is 20 acres in size; the first three floors are dedicated to storage and maintenance operations and the fourth level houses a customer service lobby. Features include the first multilevel fueling system in the U.S., the design of which required careful consideration of technical and life safety challenges. Mr. Leon designed and laid out systems, prepared electrical and lighting calculations, conducted a circuit protection coordination study, prepared equipment specifications, and selected equipment in compliance with the National Electrical Code and National Fire Protection Association standards. He also provided construction support. Cost: \$2 billion		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
FDOT District 4 Dania Beach Bridge Rehabilitation Fort Lauderdale, FL		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2014	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
d.	Senior Electrical Engineer - Oversaw the initial inspection, cost estimating, electrical design, and specification back check for the rehabilitation of the Dania Beach Bridge electrical system in Fort Lauderdale, FL Mr. Leon designed the electrical control system, power/lighting distribution system, lightning protection system, conduit/wiring design layout, and communication system for this double-leaf bascule bridge. He coordinated utilities with the appropriate agencies, developed a new variable-speed drive system, and upgraded the logic control system to comply with the latest AASHTO standards and National Electrical Code and local standards for movable bridges. During the construction phase, Mr. Leon assisted with troubleshooting and debugging of the electrical system. Cost: \$5 million		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME James M. Corbett, CAPP	13. ROLE IN THIS CONTRACT Parking Consulting and Planning	14. YEARS EXPERIENCE	
		A. TOTAL 27	B. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) Walker Consultants, Tampa, Florida			
16. EDUCATION (Degree and Specialization) Bachelor of Arts, Business Psychology, Miami University, Oxford, OH		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Certified Administrator of Public Parking (CAPP)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Parking Association, Past President; International Parking and Mobility Institute, Parksmart Advisor Certification and Accredited Parking Organization Site Reviewer Certification IPMI; US Department of Homeland Security, Certified FEMA Incident Command System: 100, 200 & 700 level			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	City of Miami Beach Parking Enforcement Miami Beach, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager of the team that conducted an operational review of the current parking enforcement unit to provide background and to compare the current operation with industry best practices		
b.	City of Stuart Parking Consulting Services Stuart, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager of the team that conducted a parking planning study to determine parking strategies and regulations to improve the availability of existing parking supply and accommodate future parking due to potential new developments.		
c.	City of Fort Myers Parking Consulting Services Fort Myers, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager of the team that conducted a parking planning study to determine parking strategies and regulations to improve the availability of existing parking supply and accommodate future parking due to potential new developments.		
d.	City of Fort Lauderdale Parking Consulting Services Fort Lauderdale, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2017	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager of the team that conducted a market and financial analysis of the City of Ft. Lauderdale parking enterprise including projections of the operating revenue, operating expense, capital expense, and debt service of the parking enterprise over a ten-year period.		
e.	City of Corpus Christi Parking Planning Services Corpus Christi, TX	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Project Manager of the team that conducted a parking planning study to determine parking strategies and regulations to improve the availability of existing parking supply and accommodate future parking due to potential new developments.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Timothy E. Crobons	13. ROLE IN THIS CONTRACT Planning	14. YEARS EXPERIENCE	
		A. TOTAL 32	B. WITH CURRENT FIRM 15

15. FIRM NAME AND LOCATION (City and State) Connetics Transportation Group, Lake Mary, FL	
16. EDUCATION (Degree and Specialization) BA Business Admin Management; MBA Master of Business Admin	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)	

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	LYNX Transit Development Plan, Orlando, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Provided transit planning support to the Central Florida Regional Transportation Authority (d.b.a. LYNX) for its 2018 Transit Development Plan (TDP) Major Update and accompanying Route Optimization Study (ROS). Prepared a detailed market and travel patterns analysis which helped identify needs and opportunities for transit development throughout the Orlando region. Utilized the outputs from the analyses, to prioritize elements of each service scenario to create the final Near and Long-Term plans.		
b.	TBARTA Regional Master Transit Plan, Tampa, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2012	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Developed multimodal transit operating plans for transit services identified in the Regional Master Plan, as well as background bus networks for an eight-county region. Additionally, he was responsible for developing annual operating and maintenance (O&M) cost estimates for all transit modes identified in the Master Plan. Tim was responsible for preparing operating plans, estimating modal run times, coordinating with travel demand modeling tasks, and developing annual O&M cost estimates for all phases of this project, as well as coordinating these operating plans with eight counties, seven transit operators, and six MPOs.		
c.	DART Comprehensive Operations Analysis, Dallas, TX	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Tim served as Project Manager. Developed Cost- Neutral, Moderate Growth and Full-Service plans. The Full-Service Plan incorporates transportation-related goals set forth in the 2030 Transit Systems Plan and guiding principles established for the development of the 2040 Transit Systems Plan, DART's 20 Year Financial Plan and the NCTCOG's Mobility 2035 Plan. The Moderate Growth Plan is a staging of the Full-Service Plan based on a moderate investment level. The cost-neutral recommendations focus on what can be done to improve transit services, maximizing the use of existing resources. Creative spreadsheet-based tools were created to analyze stop level ridership activity, line loads and route on-time performance.		
d.	NYCDOT Select Bus Service Studies, New York, NY	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Tim managed CTG's role on the Bronx Webster Avenue SBS study for New York City DOT as a subcontractor to AECOM. The study considered SBS improvements for the Bx41 bus line. He analyzed terminal operations to identify improved bus circulation and dwell location, developed a corridor operating plan including detailed run time estimates for the Webster Avenue SBS, and developed a feeder bus service plan that identified modifications to the supporting bus lines		
e.	Transit Development Plans for Various Virginia Transit Agencies, Commonwealth, Virginia	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Completed Transit Development Plans (TDPs) for numerous Virginia transit agencies under an on-call services contract with the Virginia Department of Rail and Public Transportation (DRPT). Mr. Crobons was responsible for completing TD's for Roanoke, Arlington County, Virginia Railway Express (VRE) and the City of Falls Church. Each TDP has a unique scope of work to address individual agencies' specific data collection and service planning needs. Each TDP identifies a six-year capital improvement and operations plan.		

STANDARD FORM 330 (REV. 8/2016)



4

APPROACH TO
SCOPE OF WORK



UNDERSTANDING OF THE CITY'S NEEDS, VISION, GOALS AND OBJECTIVES

The MARLIN team understands that meeting the wide-range of assignments anticipated under this contract requires a team capable of delivering specific engineering and planning technical expertise.

We have assembled a diverse and talented pool of professionals from the specific disciplines outlined in the scope who will provide a high level of responsiveness to the City. Our team has the experience, skills, and diversity required to successfully complete all tasks assigned within the budgetary and time constraints.

INTRODUCTION

The MARLIN Team has extensive knowledge and experience in urban planning, multi-modal transportation planning, grant writing and administration, civil engineering, parking management and operations, construction management and transportation operations and inspections. We understand the needs of the City of Fort Lauderdale's community at large as well as the demand on staff to meet expectations. We are cognizant of the tremendous growth the City of Fort Lauderdale and South Florida have experienced since the great recession in the late 2000s and how that growth has magnified the responsibilities of staff. The City is currently addressing urgent needs to repair and replace its deteriorated water and sewer system, and although not specifically called out in the scope of services, the MARLIN Team has included individuals with vast experience in studies, designs, permitting and construction administration tasks associated with water distribution and sanitary sewer collection systems. This issue has been highly publicized, and the City has many water and sewer projects in the current 2020-2024 Community Investment Plan (CIP). Simultaneously, the City must continue to address climate change, housing affordability, pedestrian and bicycle safety, and increasing transportation congestion in a robust development environment. City staff are responding to these needs by following adopted visioning-and-strategic-planning guiding documents to prioritize and program civic projects while experiencing increased fiscal scrutiny and reduced staffing under a changing political environment.

Despite these challenges, the future of Fort Lauderdale is bright; the City continues to experience economic growth and is quickly evolving into one of America's greatest communities. **The Fort Lauderdale community is diverse, highly engaged, and their expectations are high! Our Team is committed to support the City of Fort Lauderdale's staff**

in meeting and exceeding their Vision, Goals and Objectives.

Strategic visioning has been an effective tactic in the emergence and transformation of the City of Fort Lauderdale into a vibrant, urban center over the last four decades. The visioning efforts from the 1980s were the catalyst for the redevelopment of Fort Lauderdale Beach, the establishment of the Arts and Science District, the creation of Riverwalk, and established the premise of a dense, mixed-use Central Business District. The 1990s and 2000s envisioned the revitalization of Sistrunk Boulevard and the development of multiple Community Master Plans including the Northwest Community, South Andrews Avenue, Davie Boulevard, Uptown, and the Downtown Plans. Major progress in neighborhood enhancement also began as a result of changes made to the City Codes of Ordinances in the late 2010s. These changes allowed neighborhood development to become more mixed-use, diverse, sustainable, and affordable.



Today's Vision is documented in the 2012 Fast Forward Fort Lauderdale effort. The Fast Forward effort, which lays out the foundation for what Fort Lauderdale will look like in 2035, was developed through a comprehensive outreach effort which engaged thousands of residents, stakeholders and businesses. That input lead to the development of six Vision Statements under the motto **"We are Fort Lauderdale, a community of choice. We are the City you never want to leave."**

In 2012's Strategic Plan, and in the subsequent 2018 Press Play Fort Lauderdale Strategic Plan, the City developed a

proposal that set forth 12 Goals and 38 Objectives to guide the implementation of the Fast Forward Vision. The City also included 191 strategies to achieve the objectives and goals and identified 142 performance indicators for annual monitoring of progress. **The MARLIN Team's approach to supporting City staff will be to follow the guiding documents and execute the strategic plan objectives.**



The City has taken a focused initiative to address pedestrian and bicycle safety and to have a fully connected city since the adoption of the Vision 2035 plan through the development of the Connecting the Blocks Multimodal Transportation Program which provides almost 400 specific pedestrian, bicycle and transit mobility improvement projects. The entire list is included in the CIP each year, and several projects are selected from the list each year for implementation in the program of projects.

The City implements prioritized-projects through the annual adoption of its Community Investment Plan (CIPs) which identifies the capital plan for the next five years. The City is currently operating under its Fiscal Year 2020 – 2024 Plan.



The MARLIN Team believes that transportation and public infrastructure planning, programming, design, construction and operations are fundamentally intertwined throughout all the Visions, Goals and Objectives laid out in the Vision 2035 and 2018 Strategic Plans. This contract provides the mechanism to access the needed expertise for: project management, stakeholder engagement, resiliency/sustainability, multimodal transportation planning and engineering, intelligent/autonomous and connected vehicle-transportation systems, urban design, land use, landscape architecture, parking management and operations, Federal, State and Local funding and grant awards, and the expertise to implement projects including survey, design, construction, inspection and operations.

The MARLIN Team has a Vision for the City that includes a system of parking garages on the periphery of the Downtown including the Searstown area, at the Broward Boulevard Park and Ride Lot and at the east terminus of I-595. These locations blossom into fully vibrant mobility

hubs including mixed-use development, education and training centers and are the connecting points to the City at-large and the region. The hubs are connected by a multi-modal transportation loop following the Andrews Avenue and 3rd Avenue corridors from SR 84/FLL to Sunrise Boulevard. The loop includes autonomous people mover transportation technology, infrastructure for private vehicles and transportation network companies and for consumer freight delivery activity around the Downtown. The loop would connect directly to the Brightline Station and extensions of the loop would connect to the Trirail Station, I-95 Autonomous/Connected vehicle managed lanes, a major mobility hub at the Cypress Creek Park and Ride Lot in Uptown Fort Lauderdale and to the Convention Center, Beach and Port Everglades Cruise Terminals. Additionally, Port Everglades, FLL and the FEC Railroad become a global mega-transport hub surrounded by high-technology, green industries and educational facilities, FXE becomes a hub of transport for high value low weight product and is the impetus for smart industrial growth in north Ft. Lauderdale and a special event system of transportation services for the soccer stadium allows for maximum attendance with little to no impact to normal transportation in the area.

APPROACH TO THE PROJECT

The MARLIN Team understands that City of Fort Lauderdale and the Transportation and Mobility Department is strongly committed to continuing to proactively promote the livability, health, and economic benefits of a bicycle, pedestrian, and transit-friendly environment by creating a safe, resilient, effective, connected network of transportation options. Accordingly, our overall approach to the Traffic and Transportation Engineering Services Continuing Contract is a commitment to support the City's continued efforts to become a community of choice. In the last few years the City staff operates in a fast-paced environment and services included in this contract will continue to address the challenges previously discussed and be flexible to address new issues and needs and opportunities have presented themselves that the MARLIN Team is well equipped to address.

EMERGING AND EVOLVING NEEDS AND THE MARLIN APPROACH

Reorganization within the City including major staff reductions for the Transportation and Mobility Department. On the Planning side of the scope the MARLIN Team will provide a depth and breadth of AICPs, PEs, PhDs, CNU-As, LEED Certifications, PMPs, Engineers, Planners, Data Scientists, Environmentalists, Grant Administration Experts, Technicians and administrative staff to meet and

exceed project planning and programming needs. On the Engineering side of the scope the MARLIN Team provides a depth of Professional Surveyors and Mappers, multiple survey teams, Design PEs, Stormwater and Drainage expertise, CADD experts, Construction Managers, Water and Sewer expertise, Construction Inspectors and Infrastructure Inspectors to meet and exceed project implementation and monitoring expectations.

The adoption of an Interlocal Agreement with the Broward Metropolitan Planning Organization (MPO) to perform transportation planning services including the development of a new Fort Lauderdale Transportation Strategic Master Plan. The MARLIN Team has an outstanding relationship with Broward County MPO having staff that served on the MPO Technical Advisory Committee for 16 years and we have decades of experience in MPO programs and processes including experience in the development of short, mid and long-range plans. Our Team will provide City Staff the expertise to support, review and comment on roadway, parking, transit, traffic engineering and new technology efforts as well as perform independent planning efforts as a peer comparison to MPO proposals.

The MPO is also including in its' 2045 Long Range Plan a series of elevated roadway and railroad grade separations including a number of locations in the City of Fort Lauderdale. Roadway grade separations, particularly elevated separations, will have a significant impact on adjacent land use. The MARLIN Team provides outstanding access management, land use, transportation and urban design experts to assess the need and impacts of site access, site circulation and aesthetics of proposed grade separations. The MARLIN Team has specific expertise in the analysis of railroad grade separations including both elevated and depressed roadways and in the conceptual design of pedestrian and bicycle rail crossings. The MARLIN Team has also prepared unique concepts including the expansion of pedestrian and bicycle railroad grade separations to provide public space over the railroad and our staff played a significant role in advocating and providing technical support for the Kinney Tunnel Table Top Park.

The Broward County Penny for Transportation Surtax was adopted in November 2018 and provides a great opportunity for new investment in transportation and water and sewer infrastructure. The Broward MPO will soon be soliciting locals for a second round of projects for July 1, 2020. The MARLIN Team has decades of experience in MPO processes and FDOT Five Year Work Program development and project phasing and programming. We will utilize that experience to maximize City projects funded under the surtax.

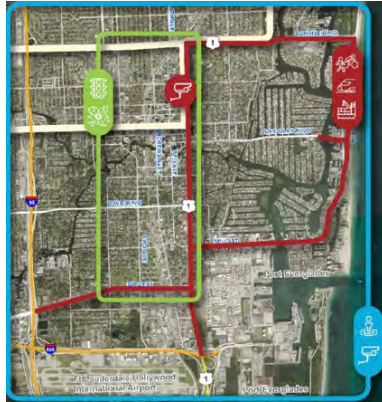
Community concerns about development and the need to implement transit and traffic solutions integrated with new technologies and intelligent transportation systems management. The community has become increasingly concerned about congestion during commuter traffic particularly in the Downtown and surrounding area. The MARLIN Team has a depth of experience in traffic, adaptive signal control, Autonomous and Connected Vehicles (AV/CV), regional, local and micro transit and pedestrian/bicycle and mobility planning to support the city in developing their plans as well as providing expertise for MPO plans. We need to have some quick successes and continue to plan and program for mid- and long- term improvements.

The traffic signals play an important role in the City's transportation network and are a source for significant frustration for the motorists when not operated efficiently. We have observed congestion during AM peak hours at intersections in the Downtown area where EB traffic always gaps out while NB traffic waits in a long line to get through the traffic lights. A situation like this means the existing signal timing plans will should be retimed to improve the efficiency of signal performance. We propose to coordinate with Broward County Traffic Engineering Division (BCTED) to evaluate the signal performance of critical intersections along the major corridors within the City limits. If retiming is determined to be necessary, we will perform a variety of low-cost improvements including the development and implementation of new signal timing parameters and updated phasing sequences to minimize stops, delays, fuel consumption, and maximize progress movement through the corridors. Our team has an in-depth understanding of the County's signal retiming process and active arterial management (AAM) programs. We have retimed over 500 intersections for FDOT and local agencies. Most recently, we helped FDOT D4 identify and prioritize TSM&O strategic corridors in Broward County with the consideration of traffic signal performance, V/C ratio, arterial safety, and transit ridership.

We understand the City has been discussing the possibility of the conversion of Andrew Avenue and SE 3rd Avenue into one-way streets to improve the mobility in downtown area. Andrew Avenue and SE 3rd Avenue are two main north-south corridors through the downtown carrying a large number of vehicles and transit. Our staff's experience in transportation microsimulation and safety will allow us to help the City continue and complete the one-way conversion analysis of this pair of corridors without any learning curve. Studies have shown that converting two-way streets to one-way generally results in fewer pedestrian-involved crashes because there are fewer turning movements. However, one-way streets tend to encourage higher vehicle speeds,

and intersections involving one-way streets may be more confusing for non-local residents. In addition, we will evaluate any additional changes that should be made before converting the streets to one-way. Potential changes include lane diets, curb extensions, draw bridge operation, turning radius reductions, signal timing, and traffic circulation on SE 17th St. and Flagler Dr.

The MARLIN team also understands that the City of Ft. Lauderdale, working together with Broward County and FDOT, has been actively seeking innovative technologies to better manage traffic congestion and identify high crash locations and crash patterns. Connected Vehicles (CV)



uses leading edge technologies to quickly identify hazards and alert drivers and improve safety and mobility of all transportation modes. Broward MPO, FDOT, and Broward County have developed a comprehensive transportation technology, mobility, and congestion management concept called Managing the Unexpected Every Day: Broward County Initiative. This initiative is intended to improve traffic flow and goods movement to and within Ft. Lauderdale area (see the blue area), reduce congestion and improve safety. Our Team recommends coordinating with the County, MPO and FDOT to explore the opportunities of deploying CV applications based on the framework of Managing the Unexpected Every Day Initiative for pedestrian, bicycle and vehicle detection, railroad crossings and moveable bridge monitoring. The corridors will include US-1, Andrew Avenue, SR A1A, Sunrise Blvd., Broward Blvd., and SE 17th St., etc.

New regional transportation opportunities including the I-95 Managed Lanes, Brightline and increased Transit services afforded by the Broward County Transportation Surtax. The MARLIN Team includes expertise in regional planning, public outreach, Transportation Demand Management, mode shift commuter incentivization to maximize the utilization of regional services. The MARLIN Team believes that significant commuter issues are the main cause of public concerns over congestion and we have excellent experience in coordinating with stakeholders including FDOT, Brightline, TriRail, Broward County Transit and Miami-Dade Transit providers to address the issues. We propose to support the new Fort Lauderdale Strategic Master Plan through by identifying key corridors and tying them together in a regional systemwide approach.



Our team will be focused on the development of Smart Master Plans for each of the major corridors to tie them together to develop a systemwide visualization and database of the entire system. The MARLIN Team has the traffic, pedestrian/bicycle and GIC expertise, FITS

has the ITS, TSM&O expertise, CTG the regional transit and travel demand modeling expertise and DKP has the vision and land use expertise to tie the system together. We propose to follow DKPs experience in El Paso, Texas as an excellent example of our approach. The final result of effort which included projects that, when assembled, created a visualization of the entire system.

As part of the Plan El Paso project the team worked with SunMetro, the transit provider in El Paso, to identify transit routes, street redesigns, and land use changes to capitalize on the transit investment and ultimately build transit oriented development at key areas throughout the City.

Next the team modeled the existing roadways and buildings at key areas with careful attention to topography, and, working with transit experts, modeled new multimodal transit roadways. Working with economists, the team modeled potential new development. This process involved the general public, stakeholders, business owners, department heads, and elected and appointed officials. The purpose of the outreach was to educate the public about the positive effects transit oriented development could have and incorporate to incorporate their ideas. A new Future Land Use Map (FLUM) was created for the corridors. The FLUM unlocked opportunity by allowing development that was more intense and denser in a walkable urban format. Form-based codes were created to ensure that the form of new development was both attractive and functional.

PROJECT AND TASK WORK ORDER DEVELOPMENT

The MARLIN approach starts with understanding the client's vision and mission, performing a detailed review of the scope of services, and then building a team that has the depth and breadth of experience to meet that vision and scope. The scope of services for this contract is broad and includes services from conceptualization of projects to planning, design, construction, inspection and operations. MARLIN has assembled a team with a deep bench of expertise and experience in all aspects of Multimodal Transportation and

Traffic Planning, Engineering and Operations. We understand that this is a Task Work Order (TWO) driven contract, and that the scopes of work will vary. We believe there are certain key components that are fundamental to approaching all projects. The MARLIN approach to a successful project includes the following key steps:

- » Clearly define the challenges and set objectives
- » Develop an innovative and feasible solution
- » Gain project acceptance and build public consensus

CLEARLY DEFINE THE CHALLENGES AND SET OBJECTIVES

The MARLIN approach involves open discussions with the City Project Manager and City staff to identify purpose and needs, to discuss the overall objective, background information, opportunities and challenges in order to solidify a clear purpose and need statement for the TWO. Our staff has the experience in Fort Lauderdale and Broward County and the resources necessary to help you define the challenges, determine your objectives, and, most importantly, accomplish your goals. A crucial part of this process is to establish a vision of what the community wants and determine how the transportation system fits into this vision. Once the goals and objectives of the project have been established, a detailed scope and schedule will be developed for each of the work assignments.

DEVELOP A FEASIBLE AND INNOVATIVE SOLUTION

Project feasibility is determined by analyzing the various parameters specific to each project. The analysis will allow our technical professionals to predict the impact of different alternatives. The results of this analysis are then compared to the previously established priorities and objectives to determine which solution will be most effective in addressing the problem while minimizing cost.

Based on our experience, the accuracy of costs is a critical element in the evaluation of alternatives. Consequently, each alternative is thoroughly reviewed by a member of our in-house design team to guarantee accurate cost estimates for each alternative; thus, safeguarding the reliability of the decision-making process.

In addition, because we are aware of potential concerns relating to the constructability and feasibility of proposed recommendation, we propose in our approach to the project an extensive, in-house and peer review of the recommendations by team members from our various experts (i.e. Planning, Survey, Roadway, Traffic, Intelligent Transportation Systems (ITS), Parking, Structures, Drainage, Bridge Inspection, etc.) to ensure constructability and to identify any potential impact of recommendations (e.g. public concerns, right-of-way constraints, utility conflicts,

ADA compliance, environmental and permitting impacts among others).

GAIN PROJECT ACCEPTANCE AND BUILD PUBLIC CONSENSUS

It is also crucial to build a “big tent” when approaching any project. MARLIN has decades of experience working in South Florida, and we know that engaging all the jurisdictional agencies with a stake in the approval of a project is critical as is engaging the public and other stakeholders early and throughout the process in order to build consensus.

MARLIN has extensive experience on Municipal Contracts including working for and with the City on many projects. Our Team will work closely with the City staff relating to progress updates and presentations to the Commission and City Manager. Collaboration with other City departments and partner-agencies is also crucial for the technical work and recommendations to be successfully implemented given that the City’s transportation system is built, maintained and operated by multiple groups.

PROJECT MANAGEMENT

Betsy Jeffers, PE is our proposed Project Manager for this contract, and she will be supported by **Aysel Freda, PE** as the Deputy Project Manager over Engineering and **Jeff Weidner, MSP as the Deputy Project Manager** over Planning. Betsy, Jeff and Aysel all have both private and public sector experience; all three also served as Managers at the Florida Department of Transportation District 4. As such, they have worked closely with the City on many projects and initiatives including:

- » Sun Trolley and the Transportation Management Association
- » Pedestrian, Bicycle Safety Projects and Alert Today Alive Tomorrow Initiatives
- » I-95 Express Bus System and the Broward Boulevard and Cypress Creek Boulevard Park and Ride Lots
- » TriRail Coastal Link (FEC Corridor) Commuter Rail Study
- » Connecting the Blocks
- » FDOT and the City’s Vision Zero Initiatives and the FDOT Alert Today Alive Tomorrow
- » Sistrunk Boulevard Complete Streets Lane Repurposing
- » Sistrunk Boulevard Connecting Sidewalks Projects
- » SR A1A Lane Repurposing North of Oakland Park Boulevard
- » Powerline Road Complete Street Lane Repurposing
- » 19th Street Complete Street Lane Repurposing
- » The Wave Streetcar
- » Dorsey Riverbend Neighborhood Gateway Treatments
- » And many, many more

MARLIN is utilizing Aysel and Jeff as Deputy Project

Managers to address the broad scope of services and to ensure commitment and availability of Engineering and Planning expertise to **Lisa Marie Glover, City Project Manager**. MARLIN’s approach to successfully executing projects and meeting our client’s budget and schedule expectations begins long before a task work order is issued. We study the project, visit the facilities, and conduct field reviews before developing a scope. In doing so we identify critical issues early in the negotiating process and are able to address these accordingly in the scope. During the scoping process, our Project Managers will coordinate with the City and other agencies involved to develop a list of deliverables and a feasible project schedule and Aysel and Jeff will assign the appropriate Task Work Order Manager to identify the staffing.

Upon notice-to-proceed, the TWO Manager will hold a team kickoff meeting sharing the work plan to assign tasks and responsibilities, highlight critical dates, review quality control and establish criteria to be followed. Our proactive approach to project management guarantees we have all the resources available to meet and exceed the City’s expectations.

The Task Work Order Manager will maintain constant communication with the City’s Project Manager and other designated staff members to this contract. Our Planning and Engineering Managers are located in MARLIN’s Plantation office and will be readily available on as as-needed basis. Our Team’s familiarity with the City’s Vision, Goals and Objectives in terms of transportation and mobility, will be an asset to the City and its community to get projects executed expeditiously.

Ongoing communication with the City’s Project Manager could take many forms depending on what would be considered more effective. In some cases, a meeting may be necessary, in other occasions a Go To meeting, email correspondence or a phone conversation should suffice. We understand that time is of essence in accomplishing Task Work Orders for the City.

MARLIN understands that a “strong start” is essential to ensuring the success of a project. Therefore, upon receiving the notice-to-proceed, The Task Work Order Manager will

organize a kickoff meeting. The purpose of this meeting will be to ensure that all of the team members understand their project assignments and that the following critical components are completely understood:

OPEN COMMUNICATION: Jeff and Aysel will maintain open lines of communication with the MARLIN team to coordinate tasks and discuss progress and deliverables.

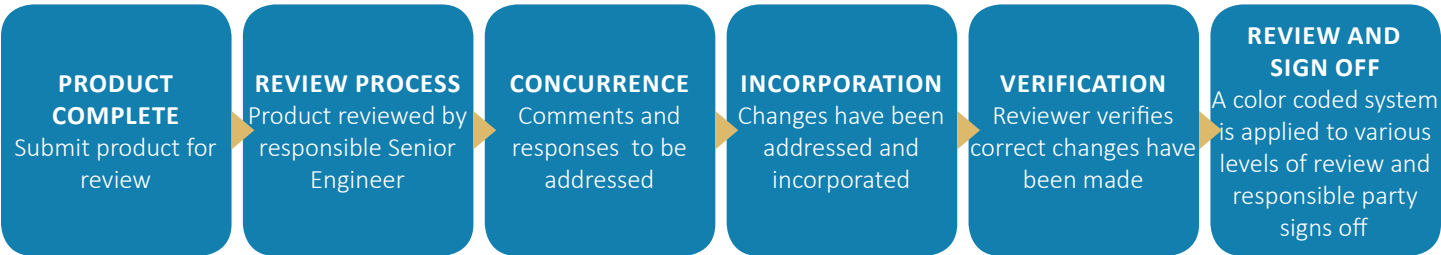
STRONG QUALITY CONTROL: The team commits to delivering studies, plans and specifications that meet the highest standards of our profession. Jeff and Aysel will take the following steps to ensure that the deliverable is permittable, buildable with accurate cost estimates:

- » Assign a quality control manager charged with the responsibility of ensuring that the final concepts, plans and specifications result is technically accurate
- » Meet with the project team at established/periodic intervals and establish accountability.
- » Conduct in-house quality control reviews prior to the completion of milestones.
- » Ensure that the quality control comments are addressed and resolutions incorporated.

Quality Control is a continuous process of effective coordination, communication, review, checking, backchecking, and rechecking to ensure all project documents and deliverables are complete and accurate. MARLIN will prepare and adhere to our comprehensive Quality Management Plan (QMP) detailing the QA/QC procedures to be used for any design and production activities for this project. The design process will be guided by the QMP that will be prepared prior to the start of project design and will contain the procedures for documenting that the quality process is being properly carried out. The QMP will also require that the Engineer of Record (EOR) certify the designs by signing a release stating:

- » The design meets project requirements
- » All previous comments have been resolved
- » The deliverables are ready for review

The QMP will be based on assigning experienced senior professionals to provide independent QC reviews. Our team includes a certain level of redundancy to allow personnel to provide a “fresh set of eyes”.





5

REFERENCES



REFERENCES

GENERAL ENGINEERING CONSULTANT, SOUTH MIAMI, FL

Prime Consultant. Professional consulting services including: roadway design; civil engineering; transportation planning, traffic engineering; multimodal traffic planning and design, surveying, environmental, construction management, community outreach, and project management.

Reference: Aurelio Carmenates, CIP Project Manager
City of South Miami

6130 Sunset Drive, South Miami, FL 33143

305.403.2063 / acarmenates@southmiamifl.gov

Contract Length: 2013-2016; 2016-Ongoing

Contract Amount: Task Work Order Basis Contract

Featured Projects:

- » Citywide Green Sharrows
- » SW 64th Street Protected Bike Lanes
- » West and South Pinecrest Villas Area Wide Traffic Calming Master Plan and Design
- » Stormwater Billing Study
- » Sunset Drive Roadway & Beautification Improvements
- » P3 Advisor Services
- » Fuchs Park Trail
- » SW 65th Place Traffic Study
- » SW 84th Street Traffic Study

GENERAL ENGINEERING CONSULTANT, DORAL, FL

Prime Consultant. Professional engineering services including: transportation planning, design and construction management for roadways, structural, bridge, traffic engineering, civil/site planning, water/sewer, environment, permitting, land use and zoning, construction management, community outreach, and project management.

Reference: Eugene Collings Bonfill, Chief Engineer
City of Doral

8401 Northwest 53rd Terrace, Doral, FL 33166

305.593.6725 / eugene.collings@cityofdoral.com

Contract Length: 2008-2015; 2015-Ongoing

Contract Amount: Task Work Order Basis Contract

Featured Projects:

- » NW 92nd Avenue Reconstruction
- » NW 50th Street Bike Path
- » NW 112th Avenue Design
- » NW 33rd Street D/B Criteria
- » Florida Green Building Coalition Re-Certification
- » 5-Year Pavement Management Program
- » Citywide Traffic Calming Master Plan
- » Various Traffic Calming Studies
- » Citywide Sidewalk Improvements

- » Doral Legacy Park Post Construction Assessment
- » JC Bermudez Park Grading Plans
- » NW 104th Avenue Reconstruction
- » Pedestrian Bridge Inspections
- » Doral Landings ADA Ramps
- » NW 102nd Avenue Phase 1 ESA
- » NW 114th Avenue Milling and Resurfacing



GENERAL ENGINEERING CONSULTANT, CUTLER BAY, FL

Prime Consultant. Professional engineering services including: civil engineering; roadway design; environmental; traffic engineering; transportation planning, surveying, construction management, grant writing, community outreach, and project management.

Reference: Alfredo Quintero Jr., Director of Public Works
Town of Cutler Bay

10720 Caribbean Blvd., Suite 105, Cutler Bay, FL 33189

305.234.4262 / aquintero@cutlerbay-fl.gov

Contract Length: 2008-Ongoing

Contract Amount: Task Work Order Basis Contract

Featured Projects:

- » Old Cutler Road Improvements (*Award Winning*)
- » Townwide Traffic Calming Alternatives Master Plan
- » Traffic Calming Study
- » SW 100th Avenue Design
- » Town Hall Landscape Plan
- » Street Tree Master Plan
- » SW 208th Street Design & CEI
- » Town Hall Parking Lot Design
- » Boat Ramp Design
- » Intersection Inventory
- » Multi-Way Stop Sign Warrant Study
- » Canoe Launch Lakes By the Bay
- » Old Cutler Rd, SW 136 St & 67 Ave Traffic Study Scope
- » Old Cutler Rd, SW 176 St Traffic Study Scope
- » Franjo Rd, SW 200th Street Traffic Study Phase 1
- » Mobility Hubs Plan



GENERAL ENGINEERING CONSULTANT, MIAMI LAKES, FL

Prime Consultant. General engineering services including: roadway design; civil engineering; traffic engineering; transportation planning, environmental, and surveying.

Reference: Carlos Acosta, Director of Public Works
Town of Miami Lakes

6601 Main Street, Miami Lakes, FL 33014
305.512.7129 / acostac@miamilakes-fl.gov

Contract Length: 2012-Ongoing

Contract Amount: Task Work Order Basis Contract

Featured Projects:

- » Design of Drainage Improvements for West Lake
- » Misc. Streetscape Improvements
- » Traffic Operations and Mobility Study
- » Main Street and Bull Run Road Design
- » NW 67th Avenue at SR 826 Design Feasibility Study
- » NW 82nd Avenue and Oak Lane Intersection Improvements
- » Townwide Bicycle/Pedestrian Improvements
- » NW 67th Avenue at SR826 Design
- » Trip Generation Study
- » Miami Lakeway South- Milling and Resurfacing
- » NW 67th Avenue Speed Zone Study



DISTRICTWIDE TRAFFIC OPERATIONS SAFETY STUDIES, FDOT DISTRICT 6

Prime Consultant. MARLIN provides FDOT with professional traffic engineering services through the development of various traffic operations and safety studies that are identified for intersections, arterials, and related improvement recommendations and evaluations. This includes five basic types of safety and traffic operations studies such as qualitative assessments, signal warrant analysis, intersection analysis, arterial analysis, left turn phase warrant analysis, composite studies, and other traffic engineering related studies, fatal crash reviews, and speed zone studies. Under this Contract **MARLIN has completed 55 work orders.**

Reference: Ramon Sierra, Professional Engineer Administrator
FDOT District 6

1000 NW 111th Avenue, Miami, FL 33172
305.470.5336 / ramon.sierra@dot.state.fl.us

Contract Length: 2014-Ongoing

Contract Amount: Task Work Order Basis Contract

Featured Projects:

- Pedestrian Study, SW 107th Avenue
- Pedestrian and Bicycle Study, SR A1A
- Left-Turn Feasibility Analysis along SR 5/US 1
- Traffic Operations Study, SR A1A

TRANSPORTATION PLANNING CONSULTANT, MIAMI-DADE TRANSPORTATION PLANNING ORGANIZATION, FL

Prime Consultant. MARLIN provided a variety of planning and engineering services in the areas of urban and regional areas transportation planning, mass and rapid transit planning, and highway planning. Tasks included: coordination with other transportation agencies, literature research, data collection, analysis and evaluations, field inspections, conceptual designs, public involvement, grant writing, presentations to the TPO standing committees, and final reports.

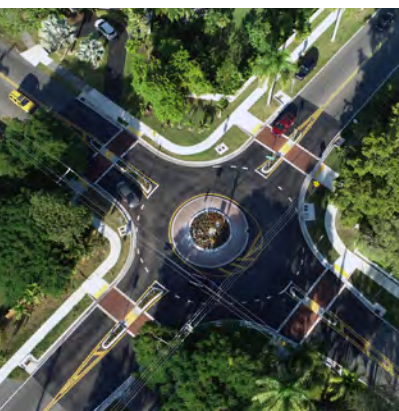
Reference: Oscar Camejo, Transportation Planner 3
111 NW 1st Street, Suite 920, Miami, FL 33128
305.375.1837 / oscar.camejo@mdtpo.org

Contract Length: 2009-2013; 2015-2019

Contract Amount: Task Work Order Basis Contract

Featured Projects:

- » Protected Bike Lanes Planning & Design
- » Safe Routes to School 2018
- » 2045 Freight Update
- » Bike Friendly Designation
- » Signage Program for Miami Health District
- » Connecting NW 25th Street to HEFT
- » Parking Study for Freight Transport
- » Transportation & Economic Impact Freight Study
- » SMART Plan Corridor Inventory-Northeast Corridor
- » Connecting the Highway Network Missing Links



TRANSPORTATION PLANNING AND ENGINEERING CONSULTANT, PALMETTO BAY, FL

Prime Consultant. Professional consulting services including: traffic engineering, transportation planning, roadway design; GIS; surveying, environmental; surveying; grant writing, community outreach, and project management.

Reference: Dionisio Torres

9705 East Hibiscus Street, Palmetto Bay, FL 33157

305.259.1234 / Dtorres@palmettobay-fl.gov

Contract Length: 2013-Ongoing

Contract Amount: Task Work Order Basis Contract

Featured Projects:

- » Downtown Redevelopment Study (*Award Winning*)
- » Traffic Calming Master Plan
- » Traffic Circle, SW 82nd Avenue & SW 168th Street
- » Traffic Analysis Study- FPL Site
- » SW 144th Street, US 1 to SW 67th Avenue Traffic Calming
- » SW 77th Avenue & 145th Street Traffic Calming Study
- » SW 77th Avenue & 140th Street Traffic Calming Study
- » Neighborhoods Traffic Study
- » Old Cutler Rd, SW 136th Street & SW 67th Avenue Traffic Study
- » Old Cutler Rd, SW 176th Street Traffic Study
- » Old Cutler Rd, SW 144th Street to SW 168th Street Traffic Study
- » SW 174th Street & SW 87th Avenue Traffic Study
- » SW 168th Street & SW 82nd Avenue Traffic Study
- » Mobility Hubs Plan
- » Downtown Redevelopment Task Force TIA
- » Various Traffic Calming Studies and Design Projects

TRANSPORTATION PLANNING AND TRAFFIC ENGINEERING CONSULTANT, MIAMI BEACH, FL

Prime Consultant. Professional consulting services including: transportation planning, smart growth, livable cities, design, transit planning, bicycle and pedestrian planning, station area planning, and traffic engineering.

Reference: Lynda Westin, Transportation Manager
City of Miami Beach

1700 Convention Center Dr, Miami Beach, FL 33139

305.673.7000 / LyndaWestin@miamibeachfl.gov

Contract Length: 2018-Ongoing

Contract Amount: Task Work Order Basis Contract

Featured Projects:

- » Chase Avenue/W 34th Street Shared Use Path Planning and Design
- » 17th Street Exclusive Transit and Protected Buffered Bicycle Lanes Feasibility Study
- » Trolley Passenger Survey



GENERAL PLANNING CONSULTANTS, MARTIN METROPOLITAN PLANNING ORGANIZATION (MPO), FL

Prime Consultant. MARLIN provides transportation planning and engineering services that helps to ensure an efficient, effective intermodal transportation system for Martin MPO. MARLIN assists the MPO in facilitating the implementation of their Unified Planning Work Program (UPWP) which includes Long Range Transportation Planning (LRTP); Complete Streets Study; Congestion Management; Mobility Fee Study; Transportation Disadvantaged Service Plan; Impact of Sea Level Rise; Project Management; UPWP Developments; Public Involvement; Data Collection; Transportation Improvement Program (TIP) Development; Bicycle/Pedestrian and Greenways Planning; Livability Planning; Transit Planning; Regional Transportation Planning and Coordination; Freight and Intermodal Planning; Plan and Development Reviews; and FHWA and FTA Federal Audit.

Reference: Beth Beltran, MPO Administrator

Martin Metropolitan Planning Organization (MPO)

3481 Willoughby Boulevard, Suite 101, Stuart, FL 34994

772.288.5484 / BBeltran@martin.fl.us

Contract Length: 2016-2019; 2019- Ongoing

Contract Amount: Task Work Order Basis Contract

Featured Projects:

- » Transit Operations Center Feasibility Study
- » FEC Railroad Grade Separation Feasibility Study
- » Freight and Goods Movement Plan
- » Stuart Tram Operations Study

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MINORITY (MBE) PARTICIPATION



MBE CERTIFICATES



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REQUIRED FORMS/ ADDENDUMS



STATEMENT OF QUALIFICATION CERTIFICATION

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

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

Company: (Legal Registration) MARLIN Engineering, Inc.

Address: 1700 NW 66th Avenue, Suite 106

City: Plantation State: FL Zip: 33313

Telephone No. 954.870.5070 FAX No. N/A Email: bjeffers@marlinengineering.com

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

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

<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
<u>1</u>	<u>1/28/2020</u>	<u> </u>	<u> </u>
<u>2</u>	<u>2/10/2020</u>	<u> </u>	<u> </u>

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

N/A

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

Submitted by:

Ramon Soria, PE

Name (printed)

2/28/2020

Date:



Signature

President

Title

NON-COLLUSION STATEMENT

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

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

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

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, § 10.8.3

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

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

NAME**RELATIONSHIPS**

No such relationship exist.

_____	_____
_____	_____
_____	_____
_____	_____

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

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

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

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

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

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



Authorized Signature

Ramon Soria, PE - President

Print Name and Title

2/28/2020

Date



CERTIFICATE OF LIABILITY INSURANCE

4/11/2020

DATE (MM/DD/YYYY)

1/29/2020

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

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

PRODUCER Lockton Companies 3280 Peachtree Road NE, Suite #250 Atlanta GA 30305 (404) 460-3600	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">CONTACT NAME:</td> </tr> <tr> <td>PHONE (A/C, No. Ext):</td> <td>FAX (A/C, No):</td> </tr> <tr> <td colspan="2">E-MAIL ADDRESS:</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> <tr> <td>INSURER A : Hartford Casualty Insurance Company</td> <td>29424</td> </tr> <tr> <td>INSURER B : Trumbull Insurance Company</td> <td>27120</td> </tr> <tr> <td>INSURER C : Lexington Insurance Company</td> <td>19437</td> </tr> <tr> <td>INSURER D : Hartford Insurance Co of the Southeast</td> <td>38261</td> </tr> <tr> <td>INSURER E : Hartford Fire Insurance Company</td> <td>19682</td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	CONTACT NAME:		PHONE (A/C, No. Ext):	FAX (A/C, No):	E-MAIL ADDRESS:		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Hartford Casualty Insurance Company	29424	INSURER B : Trumbull Insurance Company	27120	INSURER C : Lexington Insurance Company	19437	INSURER D : Hartford Insurance Co of the Southeast	38261	INSURER E : Hartford Fire Insurance Company	19682	INSURER F :	
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INSURER E : Hartford Fire Insurance Company	19682																				
INSURER F :																					
INSURED 1421007 MARLIN ENGINEERING, INC. 1700 NW 66 Avenue, Suite 106 Plantation, FL 33313																					

COVERAGES **CERTIFICATE NUMBER:** 16544805 **REVISION NUMBER:** XXXXXXXX

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
E	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <div style="margin-left: 20px;"> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER: </div>	Y	N	21UUNJA1305	9/1/2019	9/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	<input type="checkbox"/> AUTOMOBILE LIABILITY <div style="margin-left: 20px;"> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY </div>	N	N	21UENJA1545	9/1/2019	9/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX \$ XXXXXXXX
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <div style="margin-left: 20px;"> <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000 </div>	N	N	21XHUJA1127	9/1/2019	9/1/2020	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$ XXXXXXXX
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	21WBAT3212	9/1/2019	9/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Professional Liability	N	N	032834125	4/11/2019	4/11/2020	Each Claim Limit: \$2,000,000;
E	Inland Marine			21UUNJA1305	9/1/2019	9/1/2020	Aggregate Limit: \$2,000,000 Scheduled Limit: 388,102.00

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 City of Fort Lauderdale is included as Additional Insured with respect to General Liability, as per written contract, subject to terms, conditions and exclusions of policy. Waiver of Subrogation applies in favor of additional insured as required by written contract as respect to Workers Compensation, subject to terms, conditions and exclusions where applicable by state law.

CERTIFICATE HOLDER 16544805 City of Fort Lauderdale Procurement Services Division 100 N. Andrews Avenue Fort Lauderdale, FL 33301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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ADDENDUM NO. 1

RFQ No. 12370-206

TITLE: Traffic and Transportation Engineering and Planning Services

ISSUED: 1/28/2020

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

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

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

This paragraph shall be corrected as follows:

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

All other terms, conditions, and specifications remain unchanged.

James T. Hemphill
Assistant Procurement and Contracts Manager

Company Name: MARLIN Engineering, Inc.
(please print)

Bidder's Signature: 

Date: 1/28/2020

ADDENDUM NO. 2

RFQ No. 12370-206

TITLE: Traffic and Transportation Engineering and Planning Services

ISSUED: 2/10/2020

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

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

All other terms, conditions, and specifications remain unchanged.

James T. Hemphill

James T. Hemphill
Assistant Procurement and Contracts Manager

Company Name: MARLIN Engineering, Inc.
(please print)

Bidder's Signature: 

Date: 2/10/2020

MARLIN Engineering, Inc.
1700 NW 66th Avenue, Suite 106
Plantation, FL 33313
954.870.5070
www.marlinengineering.com

CONTACT PERSON
Betsy Jeffers, PE
Project Manager
954.317.2797
bjeffers@marlinengineering.com



MARLIN