

SUBMITTED BY

MARLIN



PORT ST. LUCIE CITY HALL



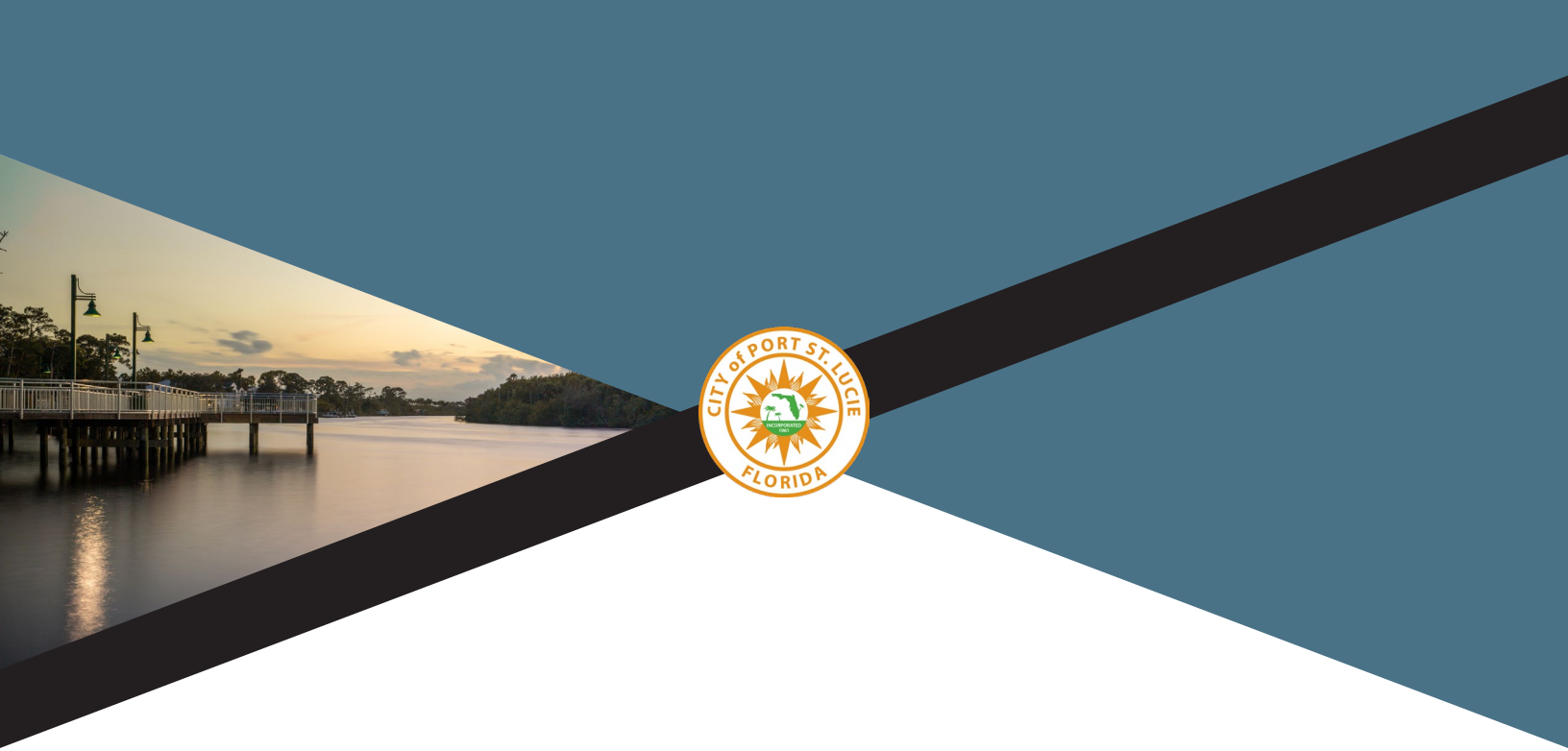
PROFESSIONAL DESIGN ENGINEERING CONTINUING SERVICES

SEPTEMBER 29 2023

E-RFP NUMBER: 20230087



**TITLE
PAGE**



REQUEST FOR PROPOSALS

**PROFESSIONAL
DESIGN ENGINEERING
CONTINUING SERVICES**

E-RFP NUMBER: 20230087

MARLIN ENGINEERING, INC.

10415 Riverside Drive, Suite 101
Palm Beach Gardens, FL 33410
561.229.0239

SEPTEMBER 29, 2023

MARLIN



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**FIRMS
QUALIFICATIONS**

September 29th 2023

City of Port St. Lucie
Procurement Management Department
121 SW Port St. Lucie Boulevard
Port St. Lucie, FL 34984

**RE: Electronic Request for Proposals (“E-RFP”) E-RFP Number: 20230087
Professional Design Engineering Continuing Services**

Dear Members of the Selection Committee:

MARLIN Engineering, Inc. (MARLIN) is pleased to respond to this Electronic Request for Proposals (E-RFP) with an expert team ready to serve the City of Port St Lucie. Our firm offers a strong foundation of experience and innovation, which can work to support the City’s Strategic Plan and vision with creative but realistic design alternatives for this contract. **We have the expertise, passion, and dedication to exceed the City’s expectations, and we look forward to building a strong partnership with the City through this contract.**

MARLIN has successfully worked with numerous **Continuous Services Contracts (CSCs)** in the past similar to this RFQ, including the City of Hallandale Beach Complete Streets Resurfacing, the City of Hollywood Young Circle Design, the FDOT District 4/Broward MPO D/B Complete Streets Initiative #E4T68 (which included four roadway segments), and the City of Lauderdale Lakes C-13 Western Greenway LAP project. In past contracts, our team developed creative, state-of-the-art designs for communities developing safety and operational improvements, creating a sense of place and signature corridors for their communities.

WHO IS MARLIN?

Established in 1991, MARLIN is a full-service, multidisciplinary transportation planning and engineering firm that delivers solutions from concept to construction. **For the past years**, MARLIN has grown to 120+ employees distributed between the Palm Beach Gardens, Fort Lauderdale, Miami, Orlando, Tampa, and Tallahassee offices.

WHY MARLIN?

We are a Trusted Consultant. MARLIN values the privilege of serving local communities through general planning and engineering contracts. Our goal is to support the City’s strategic plan by providing cost-efficient, community-based services and solutions on time and on budget. Our team can successfully navigate the local rules and LAP process, allowing us to deliver creative designs supporting the City’s vision. *The benefit to Port St Lucie is that the City is getting a proven team, as demonstrated by MARLIN’s number of repeat, satisfied municipal and state customers. The City of Port St Lucie can count on MARLIN to design and deliver a realistic, community-based solution.*

WE ARE AN EXPERIENCED TEAM

MARLIN has developed an outstanding team to support the City of Port St. Lucie’s mission, vision, and goals. It has long-term professional relationships with each of our subconsultants, adding another layer of synergy to the proposal. Our team includes **Allbright** for drainage and environmental, **ASA Consultants** for structural analysis, **GEOSOL** for geotechnical support, **Miller Legg & Associations** for landscape architecture, engineering contract administration/ management, **Ritzel-Mason** for surveying and mapping/SUE, **Terracon** for environmental studies, natural resources, permits and clearances. *The benefit to Port St Lucie is that we bring a well-established team with a depth of resources and a wealth of LAP project*

experience, which can meet the varying needs of this type of contract. For us, project excellence means consistently delivering technically sound and well-managed projects for our clients.

WE ARE PASSIONATE ABOUT OUR WORK

We are a dynamic and diverse engineering and planning company with an impressive resume of successful continuing services contracts and proven experience developing constructible concepts. Our diverse and multifaceted team develops bold, innovative ideas through research and outreach and designs those concepts within the realities of local community constraints. *The benefit to Port St Lucie is our time-tested dedicated teams stay current with the latest technology and trends to develop creative solutions tailored to the needs of each community.*

COMMITMENT


We are 100% Committed to assigning the appropriate personnel with the expertise and attentiveness to ensure our services meet all contract goals and objectives. *The benefit to Port St Lucie is our responsive, world-class service to the City Project Manager.*

Our Palm Beach Office will be responsible for all work under this contract. **Betsy Jeffers, PE**, will serve as the Project Manager and be the authorized representative for this contract. She can be reached at **(O) 954.870.5070, (C) 954.809.4058**, or bjeffers@marlinengineering.com. Betsy has over 31 years of experience, with 26+ years in the FDOT District 4 Design Office supporting local communities and governments through similar mobility improvement projects. From her local expertise, Betsy is keenly aware of the mission, vision, and goals of the City of Port St Lucie, including pedestrian and bicycle safety, Smart and Balanced Growth, Convenient Transportation, and a Smart & Connected City respectively, all focused on improving the quality of life for your community.

We sincerely appreciate the opportunity to present our qualifications and look forward to serving as your trusted consultant.

Sincerely,

MARLIN Engineering, Inc.



Ramon Soria, PE
President/CEO



COVER PAGE

BUSINESS NAME

Marlin Engineering, Inc.

ADDRESS

10415 Riverside Drive, Suite 101
Palm Beach Gardens, FL 33410

TELEPHONE NUMBER

561-229-0239

PROJECT MANAGER/ PRIMARY LIAISON

BETSY JEFFERS, PE

Project Manager

Cell: 954.809.4058

Office: 954.317.2797

bjeffers@marlinengineering.com



HISTORY OF PROPOSER

WHO WE ARE

Established in August 1991, MARLIN Engineering, Inc. was founded upon the bedrock principles of integrity and professionalism. What began as a modest two-person agency in unincorporated Miami-Dade has blossomed into a dynamic team of over 120 dedicated professionals. We have evolved into a comprehensive, multidisciplinary transportation planning and engineering firm that takes projects from concept to construction. With office locations spanning across Florida, MARLIN has established a reputation as a trusted partner in the transportation planning and engineering sector.

For 32 years, MARLIN has been at the forefront of planning, designing, and innovating communities. Our multidisciplinary team combines creativity and expertise to assist both public and private clients in the enhancement, expansion, and modernization of transportation facilities. With a cadre of experts spanning various disciplines and an extensive network of resources, MARLIN is primed to tackle even the most intricate challenges.

WHAT WE DO

Our core competency lies in delivering top-tier planning, design, and operational services. Our team of skilled planners and engineers empowers communities to rejuvenate neighborhoods, repurpose transportation corridors, and fully embrace the concepts of Complete Streets and open spaces. We leverage innovative strategies and cutting-edge technology to advance solutions that meet the diverse demands and challenges faced by the communities we serve. At MARLIN, our unwavering commitment is to provide clients with outstanding and cost-effective services.

Our organizational structure as a corporation enables us to diversify our offerings and serve various transportation modes and project phases, encompassing planning, traffic engineering, programming, design, survey, construction administration, and operations. Our success story is a testament to our passion and dedication to providing communities with innovative solutions that connect people, enhance mobility, promote intelligent urban development, and support economic progress through a spirit of innovation and collaboration. Since our inception, we have consistently delivered traffic engineering and transportation planning solutions that bridge communities and foster growth and economic development.

FOUNDED IN
1991

32 YEARS OF EXPERIENCE

ANNUAL VOLUME OF WORK OVER
PAST FIVE (5) YEARS, AVERAGES

\$11,685,000
PER YEAR

COMPANY OWNERSHIP & OFFICERS



RAMON SORIA, PE
President & Owner



BETSY JEFFERS, PE
VP of Production



JOSE QUINTANA, PE
Executive VP of Operations

EXPERIENCED

ROADWAY DESIGN/INTERSECTION
ENGINEERING
EXPERTS



MARLIN

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Professional Design Engineering Continuing Services (Port St. Lucie)

2. PUBLIC NOTICE DATE
September, 2023

3. SOLICITATION OR PROJECT NUMBER
E-RFP Number: 20230087

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
561.229.0239

5. FAX NUMBER
N/A

5. E-MAIL 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 THIS CONTRACT
	PRIME	BY PARTNER	SUBCONTRACTOR			
a.	<input checked="" type="checkbox"/>			MARLIN Engineering, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	10415 Riverside Drive, Suite 101 Palm Beach Gardens, FL 33410	Prime Consultant
b.			<input checked="" type="checkbox"/>	AllBright Engineering, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	17901 NW 5th Street, Suite 106A Pembroke Pines, FL 33029	Subconsultant
c.			<input checked="" type="checkbox"/>	ASA Consultants, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	510 Shotgun Road, Suite 402 Sunrise, FL 33326	Subconsultant
d.			<input checked="" type="checkbox"/>	Geosol, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	5795-A NW 151st Street Miami Lakes, FL 33014	Subconsultant
e.			<input checked="" type="checkbox"/>	Miller Legg and Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1680 SW Bayshore Blvd, Suite 102 Port St. Lucie, FL 34984	Subconsultant
f.			<input checked="" type="checkbox"/>	Ritzel-Mason, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	5119 Beechwood Road Delray Beach, FL 33484	Subconsultant

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

MARLIN

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Professional Design Engineering Continuing Services (Port St. Lucie)

2. PUBLIC NOTICE DATE
September, 2023

3. SOLICITATION OR PROJECT NUMBER
E-RFP Number: 20230087

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
561.229.0239

5. FAX NUMBER
N/A

5. E-MAIL ADDRESS
bjeffers@marlinengineering.com

C. PROPOSED TEAM

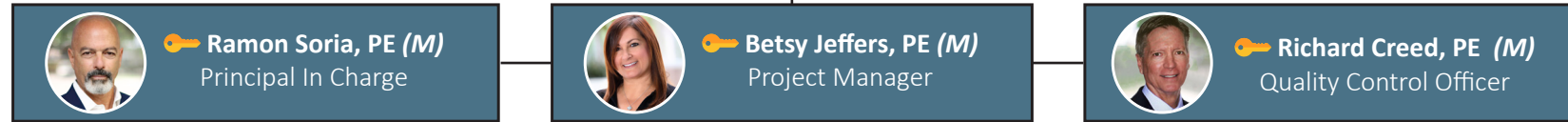
(Complete this section for the prime contractor and all key subcontractors.)

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	BY PARTNER	SUBCONTRACTOR			
g.			✓	Terracon Consultants Inc <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	645 NW Enterprise Drive Port St Lucie, FL 34986	Subconsultant
h.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
i.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
j.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
k.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
l.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

ORGANIZATIONAL CHART



TEAM LEGEND		DBE	CBE	SBE
(M)	MARLIN Engineering, Inc.			
(AL)	AllBright Engineering, Inc.	•	•	•
(A)	ASA Consultant, Inc.	•		•
(G)	Geosol, Inc.	•		•
(ML)	Miller Legg & Associates, Inc.			
(R)	Ritzel-Mason, Inc.			•
(T)	Terracon Consultants Inc			

Key Personnel

ROADWAY DESIGN

- Key Personnel: **Armando Aguiar, PE (M)**
- Rafael Lagos, PE | 30 (M)
- Yenny Soca, PE | 10 (M)
- Yanin Anton, EI | 19 (M)

COMPLETE STREETS

- Key Personnel: **Betsy Jeffers, PE (M)**
- Jeff Weidner, MSP (M)
- Christina Fermin, AICP (M)

TRAFFIC ENGINEERING

- Key Personnel: **Myra Patino, PE, PMP (M)**
- Walter Keller, PE, AICP (M)
- Muhammed Khan, PE, PTOE, PMP (M)
- Eva Marin, EI, PMP (M)
- Ashok Sampath (M)
- D'jodens Conserve (M)

TRANSPORTATION PLANNING

- Key Personnel: **Jeff Weidner, MSP (M)**
- Christina Fermin, AICP (M)
- Walter Keller, PE, AICP (M)

STRUCTURE AND ANALYSIS

- Key Personnel: **Soheila Sadough, PE (A)**
- Carlos Rodriguez, PE (A)
- Raul Amaya, PE (A)
- Felix Cebrecos, MSCE (A)

SURVEY & MAPPING / SUE

- Key Personnel: **Dennis Ritzel, PSM (R)**
- Clyde Mason, PSM (R)
- Key Personnel: **Kevin Beck, PSM (M)**
- Michael Watcher (M)
- Berardo Gomez (M)

DRAINAGE, DRIVEWAY AND CULVERT REPLACEMENT, AND PERMITTING

- Key Personnel: **Aylin Costa, PE (AL)**
- Tommy Ruiz, PE (AL)
- Fernando Gomez, PE (AL)
- Erik Salgado, PE (AL)

UTILITY COORDINATION

- Key Personnel: **Rafael Lagos, PE (M)**
- Jorge Padron (M)

LAP EXPERIENCE

- Key Personnel: **Rafael Lagos, PE (M)**
- Armando Aguiar, PE (M)
- Yenny Soca, PE (M)

COST ESTIMATES

- Key Personnel: **Armando Aguiar, PE (M)**
- Rafael Lagos, PE (M)
- Yenny Soca, PE (M)
- Yaromil Santos, PE (M)

COORDINATION AND RESOLUTION OF ENVIRONMENTAL

- Key Personnel: **Steven Harrison, PG, MRSA (T)**
- Shawn Ouellette, PG (T)
- Douglas Dunkelberger, PE (T)
- Blue Nelson, MPA, RPA (T)
- Brennan Hagan, PWS (T)

GEOTECHNICAL ENGINEERING

- Key Personnel: **Oracio Riccobono, PE (G)**
- Adhan Ismail, PE (G)
- Key Personnel: **Jaime Velez, PE (T)**

SUPPORT SERVICES

LANDSCAPE ARCHITECTURE

- Key Personnel: **Brian Shore, RLA (ML)**
- Miguel Juncal, RLA, CA (ML)
- Liudmila Fuentes, MLA (ML)
- Michael Bradley, RLA (ML)

GRANT APPLICATION

- Key Personnel: **Jeff Weidner, MSP (M)**
- Christina Fermin, AICP (M)

DATA COLLECTION

- Key Personnel: **Harold Pantaleon (M)**
- Spencer McKnight (M)
- Eric Katz, AICP, PMP (M)
- Ashok Sampath (M)
- D'jodens Conserve (M)

PUBLIC INVOLVEMENT

- Key Personnel: **Christina Fermin, AICP (M)**
- Key Personnel: **Jorge Padron (M)**
- Kathryn Marinace (M)
- Laura Postarini (M)

GIS

- Key Personnel: **Christina Fermin, AICP (M)**
- Harold Pantaleon (M)

DRONE TECHNOLOGY

- Key Personnel: **Harold Pantaleon (M)**
- Spencer McKnight (M)



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Ramon Soria, PE	13. ROLE IN THIS CONTRACT Principal in Charge	14. YEARS OF EXPERIENCE	
		a. TOTAL 39	b. WITH CURRENT FIRM 32

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BS, Civil Engineering, University of Miami, 1984	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida PE No. 41218, 1989
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Ramon has 39 years of planning and design experience in South Florida. He focuses on project management, planning, design, and implementation of civil engineering projects, highway design, traffic engineering, water and sewer, land development, and construction management. Ramon will be committed to overseeing project activities. He will ensure effective communication between the City and project team and deliverables within the established plan and scheduled timelines by allocating the necessary corporate resources. His has been recognized with awards for "Engineer of the Year" and "Lifetime Achievement."

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Atlantic Shores Blvd. Roadway Improvements (Hallandale Beach, FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal in Charge: MARLIN was retained by the City of Hallandale Beach to provide design and reconstruction services for Atlantic Shores Blvd 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.	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
b.	(1) TITLE AND LOCATION <i>(City and State)</i> LAP PROJECT – NW 60th Ave, from NW 139 Street to Miami Lakes Drive (Miami Lakes FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principle in Charge: MARLIN supported the Town of Miami Lakes as the Engineer of Record on the completed NW 60th Ave Complete Streets project. MARLIN designed a shared-use path along NW 60th Ave, from NW 139th Street to Miami Lakes Drive. Since this was a LAP-approved project, MARLIN coordinated with FDOT to develop the NEPA documentation required for this project.	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(if applicable)</i>
c.	(1) TITLE AND LOCATION <i>(City and State)</i> NW 67th Ave at SR 826 Intersection Improvements (Miami-Dade County, FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principle in Charge: The project consisted of roadway widening to incorporate an additional thru lane for the northbound movement at the south leg of the intersection of NW 67th Avenue and NW 167th Street. The project also included modifications to the existing median, traffic signals, crosswalk improvements, and pavement milling and resurfacing.	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(if applicable)</i>
d.	(1) TITLE AND LOCATION <i>(City and State)</i> LAP PROJECT – Citywide Sidewalk Improvements Phase 1 and Phase 2 (Doral, FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principle in Charge: Design, plan production and interagency coordination for this \$1 million LAPfunded citywide sidewalk improvement project. Design components included roadway geometry, drainage design, signing and pavement, and utility coordination.	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i>
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Hollywood Blvd. Complete Streets (FDOT D4)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Principal in Charge: Decorative signalization and lighting improvements along Hollywood Blvd. from City Hall Circle to Dixie Highway. This Complete Streets project entailed reconstructing Hollywood Blvd into a multimodal facility for automobiles, bicycles, and pedestrians. Other responsibilities included the production of signalization and lighting component plans.	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i>

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Betsy Jeffers, PE	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS OF EXPERIENCE	
		a. TOTAL 31	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BS, Civil Engineering, Florida International University, 1991	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida PE No. 50745, 1996
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Betsy has 31 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 and AASHTO guidelines, specifications, typical section, variance and exception review, and quality control in the daily plans production environment. Betsy spent 12 years as an In-House Design Section Leader with FDOT. She served as the Design Project Manager and Engineer of Record for various projects with construction budgets ranging from \$300,000 to upwards of \$65 million.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	LAP PROJECT – Miramar Complete Streets Phase III (LAP) (Miramar FL)	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: This LAP-funded Grant Program project within the City of Miramar include milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement markings improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the streets within the project area—approximately 12,500 linear feet of 5-foot sidewalk along SW 62nd Ave and SR 7. The design includes the reconstruction of residential driveways and swales regrading along the proposed sidewalk limits. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); and a Level I Contamination Screening Evaluation (CSE)—development of construction Specifications.		
b.	Plantation Midtown Bridge Improvement – PD&E Study and Design Services (Plantation, FL)	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: The City of Plantation has retained MARLIN to render a Project Development and Environmental (PD&E) study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and westbound SR 84. This project aims to study and prepare final design plans for a new bridge to span the SFWMD New River Canal, connecting SW 17th Street to westbound SR 84. This crossing will provide direct access to SR 84 and indirect access to I-595 from Plantation’s Midtown District.		
c.	NE 15th Avenue Lane Repurposing Project (FortLauderdale, FL)	2022	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chief Engineer: The project provided plan documents to allow the City of Fort Lauderdale to repurpose the outside lanes to Buffered/Protected Lanes on NE 15th Ave from Sunrise Blvd to N. of 13th Ave as a pilot project. MARLIN performed collection/survey, ped/bike video reports, plans/quality control, and post-design services for this contract.		
d.	SR 845/Powerline Road from NW 30th Place to West Drive (FDOT D4)	2022	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Powerline Road is a RRR project that begins south of NW 30th Place and ends south of American Way in Broward County, Florida. The scope of work included milling and resurfacing the asphalt pavement, ADA improvements, installing pedestrian countdown signals as needed, signing and pavement markings, and drainage. Other assignments included typical section development, cross-slope analysis, field reviews, sign inventory, signing and pavement markings, and preparing the 3R report. The length of the project is 2.52 miles.		
e.	Hollywood Blvd. from City Hall Circle to Dixie Highway Complete Street (FDOT D4)	2014	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Design Project Manager/EOR: A showcase project for the City of Hollywood and Broward MPO, this Complete Streets project included completely reconstructing the roadway 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, accommodating the roadway and pedestrians. A new system of French drains was installed to improve the existing drainage system.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Richard Creed, PE	13. ROLE IN THIS CONTRACT QA/QC Officer	14. YEARS OF EXPERIENCE	
		a. TOTAL 36	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BS, Civil Engineering, University of Florida, 1987	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida PE No. 47162, 1993
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Richard has over 36 years of roadway design experience with the FDOT District 4 Design Office and private consultant. He is well-versed in FDOT design criteria and standards, AASHTO guidelines, specifications, typical sections, variance and exception review, and quality control in the daily production. He was an active member of numerous statewide and District 4 committees, which established, reviewed and/or revised criteria and standards appropriate for state and local roadways. For 15 years, Richard led the In-house Design unit of 35 engineers and technicians, managing all aspects of in-house design production. The In-house Design unit produced construction plans with a budget of up to \$75M annually, including highway and interstate reconstruction, signalization, lighting, resurfacing, Broward County Mobility (bike and transit improvements), and complete streets, safety, and bridge construction. Richard also was responsible for the District RRR Program, where his duties included establishing project targets and candidates and creating and approving project scopes, schedules, and budgets. As the manager of In-house Design, he was responsible for setting goals and objectives for the entire unit, reviewing budget and schedule requests, employee development, business planning and monitoring, and quality control and assurance.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> LAP PROJECT – Miramar Complete Streets Phase III (LAP) (Miramar FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

a. **Quality Control Officer:** This LAP-funded Grant Program project within the City of Miramar include milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement markings improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the streets within the project area—approximately 12,500 linear feet of 5-foot sidewalk along SW 62nd Ave and SR 7. The design includes the reconstruction of residential driveways and swales regrading along the proposed sidewalk limits. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); and a Level I Contamination Screening Evaluation (CSE)—development of construction Specifications.

(1) TITLE AND LOCATION <i>(City and State)</i> Plantation Midtown Bridge Improvement – PD&E Study and Design Services (Plantation, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

Quality Control Officer: The City of Plantation has retained MARLIN to render a Project Development and Environmental (PD&E) study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and westbound SR 84. This project aims to study and prepare final design plans for a new bridge to span the SFWMD New River Canal, connecting SW 17th Street to westbound SR 84. This crossing will provide direct access to SR 84 and indirect access to I-595 from Plantation’s Midtown District.

(1) TITLE AND LOCATION <i>(City and State)</i> SR 7/US 441 Transit Corridor Improvements, Broward County (FDOT D4)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>

c. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

Quality Control Officer/Special Projects Manager: MARLIN provides multimodal connectivity, operations, and safety improvements along nine distinct corridors connecting SR 7 and Rock Island Road in Broward County. Milling, Resurfacing, and Multimodal design improvement projects, including bike and pedestrian upgrades. Sidewalk improvements included ADA and reconstruction to improve pedestrian access and transit utilization accommodations. Roadway widening to accommodate buffered bike lanes and traffic pattern improvements. Minor drainage improvements were designed to mitigate impervious pavement additions. Access management/median modifications analysis allows for more efficient and safer traffic operations. Traffic calming measures are incorporated to aid in neighborhood speed control and safety. As the QC Officer and Special Projects Engineer, Richard reviewed all submittals and ensured phase review comments were adequately addressed for each submittal. Additionally, he performed QA/QC and technically assisted in-house staff.

More experience found on the following page.

	(1) TITLE AND LOCATION <i>(City and State)</i> Sunset Strip from Nob Hill Road to Sunrise Blvd., Broward County, FL (FDOT D4)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i>
d.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm District Roadway Design Engineer: Complete Streets project including lane elimination and two roundabouts with the city of Sunrise. Scope included drainage, bike lanes and roundabout design. As the District Roadway Design Engineer, Richard was responsible for reviewing all submittals and ensuring phase review comments were adequately addressed for each submittal. He also performed Quality Assurance/Quality Control (QA/QC) and technically assisted in-house staff.		
	(1) TITLE AND LOCATION <i>(City and State)</i> I-95/Lantana Road Interchange Improvements, Palm Beach County, FL (FDOT D4)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(if applicable)</i>
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm District Roadway Design Engineer: Interchange operational improvements include resurfacing of interchange, widening the southbound exit ramp and replacing traffic railing on all bridges. As the District Roadway Design Engineer, he was responsible for reviewing all submittals and ensuring phase review comments were adequately addressed for each submittal. He also performed Quality Assurance/Quality Control (QA/QC) and technically assisted in-house staff.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Armando Aguiar, PE	13. ROLE IN THIS CONTRACT Senior Roadway Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BS, Civil Engineering Florida International University, 2012	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida PE No. 84075, 2017
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
With 14 years of experience, Armando is well-versed in a wide variety of engineering areas. He has developed and prepared contract plans and ensured plans and specifications through design criteria, policies, and procedures. He has prepared typical section packages, and utility conflicts adjustment plans/matrices. He also has experience creating alignments that include profiles and grades, horizontal and vertical design. He is also very familiar with creating TTC plans, itemized quantities, estimates, and scopes on multiple roadway jobs.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> LAP PROJECT – Miramar Complete Streets Phase III (LAP) (Miramar FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Deputy PM: This LAP-funded Grant Program project within the City of Miramar include milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement markings improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the streets within the project area—approximately 12,500 linear feet of 5-foot sidewalk along SW 62nd Ave and SR 7. The design includes the reconstruction of residential driveways and swales regrading along the proposed sidewalk limits. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); and a Level I Contamination Screening Evaluation (CSE)—development of construction Specifications.		
(1) TITLE AND LOCATION <i>(City and State)</i> LAP PROJECT – Johnson Street from N 35th Ave to N 14th Ave (Hollywood, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Project Manager: This LAP-funded Grant Program project within the City of Hollywood, include new roadway corridor and intersection lighting, utility coordination, geotechnical investigation services, signing and pavement markings for bicycle usage. A new pedestrian crossing at the south side of the roadway rail crossing at the SFRTA-Johnson Street crossing. Sidewalk construction to connect to existing sidewalk to the east and west of the railroad. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); and a Level I Contamination Screening Evaluation (CSE) - Development of construction Specifications.		
(1) TITLE AND LOCATION <i>(City and State)</i> SR 7/US 441 Transit Corridor Improvements (FDOT District 4, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Senior Roadway Engineer: Currently providing multimodal connectivity, operations, and safety improvements along nine distinct corridors that connect to SR 7 in Broward County. Improvements will include widening the roads and completing sidewalk links, constructing bike lanes, lane eliminations, ADA upgrades, and transit stop enhancements.		
(1) TITLE AND LOCATION <i>(City and State)</i> Intersection Improvements Along Old Cutler Road (Miami-Dade County, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Senior Roadway Engineer: MARLIN is providing design improvements along Old Cutler Road at SW 152nd Street and SW 184th Street. Improvements will include converting the signalized intersections to multi-lane roundabouts. The scope of work includes master planning, public involvement meetings, and preparation of complete construction plans to provide new roundabouts with sidewalks, curb and gutters, a storm drainage system, pavement markings and signage, roadway lighting, utility coordination, permitting, and construction administration services.		

More experience found on the following page.

	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
	Atlantic Shores Blvd. Roadway Improvements (Hallandale Beach, FL)	PROFESSIONAL SERVICES 2021	CONSTRUCTION (<i>if applicable</i>)
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <div style="text-align: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</div> <p>Project Manager: The City of Hallandale Beach retained MARLIN to provide design and reconstruction services for Atlantic Shores Blvd from Diplomat Parkway to US 1. Roadway improvements are intended to increase safety and improve the roadway and streetscapes on Atlantic Shores Boulevard. This Complete Streets project addresses on-street parking and creates a more pedestrian-friendly corridor by implementing wider sidewalks.</p>		

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

 12. NAME Aysel Freda, PE	13. ROLE IN THIS CONTRACT Roadway Design Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION (City and State)
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION (Degree and Specialization) BS, Mechanical Engineering, University of Havana, Cuba, 1993	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida PE No. 77550, 2014
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Aysel brings 17 years of experience in the design, engineering, and construction of highway projects. Her experience includes providing technical design for highway projects throughout Florida and preparing construction contract plans for complex highway projects for the State, County and Cities. Before 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.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) LAP PROJECT – Miramar Complete Streets Phase III (LAP) (Miramar FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

a. **Roadway Engineer:** This LAP-funded Grant Program project within the City of Miramar include milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement markings improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the streets within the project area—approximately 12,500 linear feet of 5-foot sidewalk along SW 62nd Ave and SR 7. The design includes the reconstruction of residential driveways and swales regrading along the proposed sidewalk limits. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources

(1) TITLE AND LOCATION (City and State) LAP PROJECT – NW 60th Ave, from NW 139 Street to Miami Lakes Drive (Miami Lakes, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

b. **Senior Roadway Engineer:** MARLIN supported the Town of Miami Lakes as the Engineer of Record on the completed NW 60th Ave Complete Streets project. MARLIN designed a shared-use path along NW 60th Ave, from NW 139th Street to Miami Lakes Drive. Since this was a LAP approved project, MARLIN coordinated with FDOT to develop the NEPA documentation required for this project.

(1) TITLE AND LOCATION (City and State) LAP PROJECT – Citywide Sidewalk Improvements Phase II (Doral, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

c. **Project Manager:** Scope of work included design, plans production, and interagency coordination for this \$1 million LAP funded Citywide Sidewalk Improvement Phase II. MARLIN also prepared a tree removal permit for the project.

(1) TITLE AND LOCATION (City and State) Continuing Civil Engineering Services for Miscellaneous Projects (Miami Lakes, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

d. **Project Manager:** Aysel serves as the Project Manager for this multidisciplinary design contract. The scope varies from drainage improvements to milling and resurfacing, roadway pavement restoration, permitting, survey, utilities, and final construction plans. TWO's under this contract include West Lakes Gardens Second Addition Drainage Improvements; Alameda NW Drainage Improvements; and NW 153rd Terrace Drainage Improvements.


(1) TITLE AND LOCATION (City and State) Roadway and Beautification Improvements-Sunset Drive (72nd Street) (South Miami, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

e. **Project Manager:** The project consists of the beautification of Sunset Drive (72nd Street) between US 1 and 57th Ave and minor traffic operations improvements. The scope includes site investigation and survey, data collection, utility coordination and verification of as-built conditions, various site layout plans, including a site plan, planting plan, irrigation plan, landscape lighting plan, irrigation service connection, signing and pavement markings, and construction cost estimates.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Rafael Lagos, PE	13. ROLE IN THIS CONTRACT Chief Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 15

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> MS, Civil Engineering, Florida International University, 1996	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida PE No. 51412, 1997
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Rafael has more than 30 years of civil engineering design experience in several disciplines such as structures, roadway design, plans production, traffic control design, permitting, and utility coordination. In addition, Rafael is highly proficient in ADA and complex geometric design and has served in various leadership roles in highway design production and project management.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> LAP PROJECT – Miramar Complete Streets Phase III (LAP) (Miramar FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chief Engineer: This LAP-funded Grant Program project within the City of Miramar include milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement markings improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the streets within the project area—approximately 12,500 linear feet of 5-foot sidewalk along SW 62nd Ave and SR 7. The design includes the reconstruction of residential driveways and swales regrading along the proposed sidewalk limits. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); and a Level I Contamination Screening Evaluation (CSE)—development of construction Specifications.		
(1) TITLE AND LOCATION <i>(City and State)</i> LAP PROJECT – NW 146th Street Reconstruction (Miami Lakes, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chief Engineer: The project consists of lane repurposing of NW 146th Street from NW 89th Ave to NW 87th Ave. The project is a Local Agency Program (LAP) funded project in collaboration with FDOT and follows the NEPA process, and requires an environmental assessment. The sidewalk improvements shall be in accordance with the Americans with Disabilities Act (ADA)		
(1) TITLE AND LOCATION <i>(City and State)</i> Atlantic Shores Blvd. Roadway Improvements (Hallandale Beach, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chief Engineer: The City of Hallandale Beach retained MARLIN 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 Complete Streets project addresses on-street parking and creates pedestrian-friendly corridors by implementing wider sidewalks		
(1) TITLE AND LOCATION <i>(City and State)</i> LAP PROJECT – NW 60th Ave, from NW 139 Street to Miami Lakes Drive (Miami Lakes, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chief Engineer: MARLIN supported the Town of Miami Lakes as the Engineer of Record on the completed NW 60th Ave Complete Streets project. MARLIN designed a shared-use path along NW 60th Ave, from NW 139th Street to Miami Lakes Drive. Since this was a LAP approved project, MARLIN coordinated with FDOT to develop the NEPA documentation required for this project.		
(1) TITLE AND LOCATION <i>(City and State)</i> Hollywood Blvd. Complete Streets (FDOT D4)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chief Engineer: Decorative signalization and lighting improvements along Hollywood Blvd. from City Hall Circle to Dixie Highway. Responsible for the production of signalization and lighting component plans. This Complete Streets project entailed reconstructing Hollywood Blvd into a multimodal facility for automobiles, bicycles, and pedestrians.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

	12. NAME Yenny Soca, PE	13. ROLE IN THIS CONTRACT Highway/Roadway Engineer	14. YEARS OF EXPERIENCE	
			a. TOTAL 10	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BS, Civil Engineering, Florida International University, 2012	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida PE No. 84082
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Yenny has over 10 years of experience preparing construction plans and contracts documents for FDOT roadway projects, including roadway plans, signing and pavement markings, 3D models, typical section packages, roadway cross-sections, drainage structure cross-sections, temporary traffic control plans, stormwater pollution prevention plans, pavement design packages, among others.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	LAP PROJECT – Miramar Complete Streets Phase III (LAP) (Miramar FL)	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Highway/Roadway Engineer: This LAP-funded Grant Program project within the City of Miramar include milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement markings improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the streets within the project area—approximately 12,500 linear feet of 5-foot sidewalk along SW 62nd Ave and SR 7. The design includes the reconstruction of residential driveways and swales regrading along the proposed sidewalk limits. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); and a Level I Contamination Screening Evaluation (CSE)—development of construction Specifications.		
b.	Plantation Midtown Bridge Improvement – PD&E Study and Design Services (Plantation, FL)	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer of Record: The City of Plantation has retained MARLIN to render a PD&E study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and westbound SR 84. This project aims to study and prepare final design plans for a new bridge to span the SFWMD New River Canal, connecting SW 17th Street to westbound SR 84. This crossing will provide direct access to SR 84 and indirect access to I-595 from Plantation’s Midtown District.		
c.	In-House Roadway Design (FDOT D4)	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Highway Engineer II/District Pavement Design Engineer: Assisted the In-House Section 1 Manager in the supervision, training, and development of designers and Engineer I members. Participated in TRCs for the selection of Engineer consultants. In addition, he prepared construction plans and contract documents for FDOT roadway projects, including roadway plans, signing and pavement marking, 3D models, typical section packages, roadway cross-sections, drainage structure, traffic control plans, and stormwater pollution prevention plans.		
d.	SR 7/US 441 Transit Corridor Improvements, Broward County (FDOT D4)	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer of Record: MARLIN provides multimodal connectivity, operations, and safety improvements along nine distinct corridors connecting SR 7 and Rock Island Road in Broward County. Improvements include widening the roads, completing sidewalk links, constructing bike lanes, lane eliminations, ADA upgrades, and transit stop enhancements.		
e.	SW 117 Ave from US-1 to SW 184 Street, Miami, FL (Miami-Dade County)	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer of Record: As part of contract E19-DTPW-12, DTPW has selected MARLIN to provide design services for SW 117 Ave. The project includes roadway improvements to SW 117 Ave from US-1 to SW 184 Street. These improvements include, but are not limited to, reconstructing and widening from a 2-lane to a 4-lane divided road, sidewalks, curb and gutters, continuous storm drainage system, pavement markings and signage signalization, lighting, and landscaping.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Yenny Soca, PE	13. ROLE IN THIS CONTRACT Roadway Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)


16. EDUCATION <i>(Degree and Specialization)</i> BS, Hydraulic Engineering, Jose Antonio Echeverria University, Havana, Cuba, 2004	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida PE No. 92804, 2021
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Yaromil is an experienced roadway engineer with 16 years of experience in roadway design and plan production. Yaromil is highly proficient in preparing the project management plan, including summarizing quantities, creating roadway plans, signing and pavement marking plans, signalization plans, QA/QC plans, calculations, and generating other technical documents in accordance with FDOT standards, as well as various municipal procedures and requirements. Additionally, he is skilled in Microstation - FDOT SS10, Power GeoPak, Autocad, Open Road, S&PM Design, Signalization Design, and Geographical Information System (GIS) analysis.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	West Hillsboro Boulevard Bike Lanes and Lighting Improvements from East of Parkside Drive to State Road 7, Parkland, FL (Broward County, FL)	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer: Project consists of improvements to West Hillsboro Boulevard, including the design of a new bicycle lane in each direction, sidewalk repairs with root treatment measures, new lighting system, and the design of one-lane roundabout at NW 64th Terrace/ NW 74th Place/ West Hillsboro Blvd. Yaromil developed roadway plans, including typical section details, sidewalk profiles, cross sections, and special details. Additionally, she prepared adjustment plans/matrices for utility conflicts and developed itemized quantities and project cost estimates.		
b.	Miramar Complete Streets Phase III (LAP) (Miramar, FL)	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lighting EOR: This LAP-funded Grant Program project within the City of Miramar includes milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement markings improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the streets within the project area—approximately 12,500 linear feet of 5-foot sidewalk along SW 62nd Ave and SR 7. The design includes the reconstruction of residential driveways and swales regrading along the proposed sidewalk limits. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); a Level I Contamination Screening Evaluation (CSE), and Development of Construction Specifications.		
c.	Plantation Midtown Bridge Improvement – PD&E Study and Design Services (Plantation, FL)	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer: The City of Plantation retained MARLIN to render a Project Development and Environmental (PD&E) study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and westbound SR 84. This project aims to study and prepare final design plans for a new bridge to span the South Florida Water Management District (SFWMD) New River Canal, connecting SW 17th Street to westbound SR 84. This crossing will provide direct access to SR 84 and indirect access to I-595 from Plantation’s Midtown District.		
d.	SR 715 (3R) (FDOT D4)	Ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lighting Designer: The project State Road 715 (Spooner Road) is a two-lane roadway (minor urban arterial) in Palm Beach County traversing north-south along the western edge of the City of Belle Glade. The context classification is C-3R Residential from SR 80 to SW Avenue H and C4 Urban General to W. Canal Street South. The project includes milling and resurfacing, shoulder widening, a new sidewalk for the full limits, drainage, signalization, and lighting improvements. As a subconsultant to Stanley Consulting, MARLIN provides full corridor lighting analysis, design, and coordination. Scope of lighting work includes lighting retrofit at signalized intersections, including the intersection of SR 80 and SR 715 in West Palm Beach County, Lighting Justification Analysis, and lighting design for FPL luminaires to be installed by FPL on utility distribution line poles.		

	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
	SR 5/US 1/ S. Dixie Hwy, from SW 232 Ave to SW 112 Ave (3R) (FDOT D6)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (<i>if applicable</i>)
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	<p>Signing and Pavement Marking (SPM)/Project Engineer: This is a Resurfacing, Restoration and Rehabilitation (RRR) project along SR 5 / US-1 / S Dixie Hwy located entirely within the unincorporated Miami-Dade County. SR 5/US-1/S Dixie Hwy is functionally classified as an Urban Principal Arterial with a design speed and posted speed of 45 MPH, a context classification of C-4 (Urban General), Access Management Class 5. It is part of the State and National Highway System. The gross length of the project is approximately 2.247 miles. The project consists of milling and resurfacing, overbuilding to correct cross slope deficiencies, correcting shoulder edge drop-offs and shoulder erosion by regarding the existing swales, reconstructing multiple asphalt driveways, installing additional several drainage inlets, providing ADA improvements, repairing damaged sidewalks, upgrading and modifying pedestrian crossings, pedestrian curb ramps and detectable warning surfaces, upgrade traffic railings, implementation of 3R Safety Recommendations, upgrade all substandard ground-mounted signs to comply with the latest editions of the FDOT and MUTCD, replace and upgrade all pavement markings, and upgrades to pedestrian signals/detectors at signalized intersections</p>		

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 Traffic Engineering Manager	14. YEARS OF EXPERIENCE
			a. TOTAL 29 b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc. (Fort Lauderdale, FL)			
16. EDUCATION (Degree and Specialization) MS Engineering Management, Florida International University, 1999		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida PE No. 56804, 2001	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Myra has 29 years of experience providing extensive traffic and transportation engineering services. She is proficient in traffic engineering and operations studies, traffic calming studies, traffic impact analyses, signal warrant and speed studies, public meetings, and technical writing. Her areas of focus are traffic operations, traffic studies, access management, and pedestrian safety. Myra is proficient in the following Software systems: CORSIM, HCS, SYNCHRO, ArcGIS, TransCAD, MS Office Suite, MS Project, and Oracle Primavera.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Traffic Report Review Continuing Services (Port St. Lucie, 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 MARLIN is providing Professional Engineering Services for 3rd party review of Traffic Reports submitted for proposed developments within the City of Port St Lucie. The contract includes reviewing Developments of Regional Impact (DRI) studies prepared on behalf of master developers and property owners for traffic impacts on the City's roadways. Items for review consist of required roadway improvements, intersection evaluation, and roadway capacity and Level of Service needs. Reviews are documented describing the findings of the traffic review, evaluation of the methodology used in the analysis, and the Engineer's recommendations. Project coordination includes meeting with City Staff and the applicant to discuss methodology, review meetings with City Staff to discuss the findings of the traffic report and attendance at Planning & Zoning Board meetings and City Council meetings.		
b.	(1) TITLE AND LOCATION (City and State) Traffic Engineering Services & Development Review Committee Assistance (Pembroke Pines, 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 provides engineering reviews of traffic issues associated with new and modified projects for the Development Review Committee (DRC) and performs traffic engineering reviews on projects submitted for permitting. Studies include roadway capacity analysis, signal warrant studies, roadway safety studies, geometric roadway design, and peer review services for general compliance. MARLIN also performs miscellaneous traffic analysis and traffic engineering study services along with engineering reviews of projects submitted for permitting for compliance with City Standards, Codes, and Engineering Standards as requested by the Planning and Economic Development and Engineering Departments		
c.	(1) TITLE AND LOCATION (City and State) Old Cutler Road Traffic Circulation Improvements (Palmetto Bay, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022	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: Old Cutler Road is one of Palmetto Bay's main arterials and cannot handle increased cut-through traffic in the Village, affecting the quality of life for its residents. As a result, MARLIN provided traffic engineering to develop a solution to this situation. MARLIN has also developed a traffic model currently under review by Miami-Dade County as part of this.		
d.	(1) TITLE AND LOCATION (City and State) Citywide Comprehensive Traffic Calming Study (South Miami, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: This study reduced speeding and cut-through traffic in the City, improving the City's quality of life and reducing the negative impacts of motor vehicles. The team utilized a mixture of recent traffic counts and incorporate prior traffic calming studies, data analysis, and input from City staff and residents to formulate the plan. The study results were assembled in a written report identifying the City traffic circulation issues and the alternatives to minimize the impacts.		

More experience found on the following page.

	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
	Village Green Drive Master Plan (<i>Port St. Lucie, FL</i>)	PROFESSIONAL SERVICES 2021	CONSTRUCTION (<i>if applicable</i>)
c.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	<p>Senior Traffic Engineer: MARLIN conducted a feasibility study and master plan for Village Green Drive in downtown Port St. Lucie. Myra led the project's traffic analysis tasks, including reviewing the field inventory, crash data, a roadway LOS analysis of multimodal facilities, and peak hour intersection LOS analysis using SYNCHRO. The scenarios included existing, No-Build, and Build for three (3) alternatives for the design year. In addition, access management and traffic calming treatments, including the feasibility of lane elimination and roundabouts, were also evaluated for the study corridor. The Village Green Drive Master Plan acted as a catalyst to revitalize Downtown Port St. Lucie, a community redevelopment area in eastern Port St. Lucie. In addition, it included multimodal improvements and recommendations to restore Port St. Lucie's City Center.</p>		

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

 12. NAME Walter Keller, PE, AICP	13. ROLE IN THIS CONTRACT Senior Traffic Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 41	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION (City and State)
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION (Degree and Specialization) BS, Ocean Engineering, Florida Atlantic University, 1971	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Florida PE No. 20703, 1976
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Walter has a 41-year professional background in transportation planning, traffic engineering, roadway and intersection design, traffic signalization analysis, and traffic signal plans. He has been responsible for major transportation planning and operational studies, construction plans for roadway and land development projects, impact fee studies, expert witness and or governmental review services. Walter is both a Registered Professional Florida Engineer and a Certified Planner.

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State) General Planning Services (Surfside, 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 providing Town General Planning Services. Major activities include zoning review for all permit applications of the Building Department, Site Plan reviews for the Planning & Zoning Board and Town Commission, provide overall management services for the Town and Planning & Zoning Board, Zoning Administrator, Comprehensive Plan activities, Plan amendments, and Special studies.		

b. (1) TITLE AND LOCATION (City and State) SW 72nd Street Parking and Truck Study (South Miami, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	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: Study investigated removing on-street parking and prohibiting truck movements on SW 72nd Street to implement a Complete Street. A technical report was prepared with recommendations on parking removal and prohibiting truck movements.		

c. (1) TITLE AND LOCATION (City and State) Tyler Street Two-Way Conversion Traffic Analysis (Hollywood, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	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: This project involved an operational traffic analysis for the proposed two-way street conversion of Tyler Street, located in the City of Hollywood, Florida. Tyler Street currently operates as a one-way street with three lanes and on-street parallel parking on both sides from N. 21st Ave to Young Circle. The project converted this segment to a two-lane, two-way traffic pattern while maintaining on-street parking.		

d. (1) TITLE AND LOCATION (City and State) Fairway Drive Pedestrian Study and Improvements (Miami Lakes, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	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: This study involved vehicle classification studies, video observations, accident analysis and in-field observations. Potential locations and conceptual crossing layouts were presented to the Town with cost estimates.		

e. (1) TITLE AND LOCATION (City and State) Traffic Engineering Studies (North Lauderdale, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	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: Walter managed intersection traffic studies in the City including: <ul style="list-style-type: none"> • Kimberly Blvd. and SW 78th Ave. Project involved traffic data collection, five-year crash analysis, unsignalized Level of Service (LOS), and conversion to a four-way all-stop per MUTCD criteria • Rock Island Road and Doral/SW 14th Street. Project included traffic data collection, crash analysis, and median improvement operations • SW 81st Ave and Tam O'Shanter Blvd. Assessed operating conditions for a four-lane divided roadway with two unsignalized intersections and three driveways 		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Muhammed Khan, PE	13. ROLE IN THIS CONTRACT Senior Traffic Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> MS, Civil Engineering, University of Miami, 2004	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida PE No. 71787, 2010
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
 Muhammed has 21 years of experience, with an emphasis in traffic operations and transportation planning. His traffic engineering experience includes traffic operations, project traffic forecasts, conflict analysis, and PD&E studies. Traffic engineering tasks have involved analysis and review of traffic alternatives, safety studies, conflict issues, traffic signal warrants, signal timing optimizations, left-turn phase warrants, traffic calming devices, and transit-related projects. Muhammed's experience in traffic planning includes traffic modeling, traffic impact studies reviews, development, and review of different projects to amend the Miami-Dade County's Comprehensive Development Master Plan (CDMP). He has been responsible for evaluating short and long-term transportation concurrencies, impact mitigation alternatives' development, evaluation of developer's contribution for roadway improvements, and circulation of autos, bicycles, and pedestrians.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Traffic Engineering Services & Development Review Committee Assistance <i>(Pembroke Pines, FL)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Traffic Engineer: MARLIN provides engineering reviews of traffic issues associated with new and modified projects for the Development Review Committee (DRC) and performs traffic engineering reviews on projects submitted for permitting. Studies include roadway capacity analysis, signal warrant studies, roadway safety studies, geometric roadway design, and peer review services for general compliance. MARLIN also performs miscellaneous traffic analysis and traffic engineering study services along with engineering reviews of projects submitted for permitting for compliance with City Standards, Codes, and Engineering Standards as requested by the Planning and Economic Development and Engineering Departments needed.		
(1) TITLE AND LOCATION <i>(City and State)</i> 17th Street Protected Bike Lanes and Busway (Miami Beach, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(if applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Traffic Engineer: MARLIN prepared a feasibility study for 17th Street from West Avenue to Beachwalk in Miami Beach, the City's Transportation Master Plan (TMP). The study identified and assessed existing transportation conditions and recommended multimodal transportation improvements to provide exclusive transit and protected or buffered bicycle lanes. Muhammed provided QA/QC for the proposed alternatives.		
(1) TITLE AND LOCATION <i>(City and State)</i> Tyler Street Two-Way Conversion Traffic Analysis (Hollywood, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(if applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Traffic Engineer: This project involved an operational traffic analysis for the proposed two-way street conversion of Tyler Street, located in the City of Hollywood. Tyler Street currently operates as a one-way street with three lanes and on-street parallel parking on both sides from N. 21st Ave to Young Circle. The project converted this segment to a two-lane, two-way traffic pattern while maintaining on-street parking.		
(1) TITLE AND LOCATION <i>(City and State)</i> Malbrook Neighborhood Traffic Improvement Plan (Palmetto Bay, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(if applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Traffic Engineer: Worked with the Village to mitigate the impact of cut-through traffic onto the Malbrook Neighborhood. After evaluating the current needs, a traffic model was used to develop a long-term solution. As a result, SW 87th Ave and SW 168th Street improvements have been incorporated as part of the solution and are currently under review by Miami-Dade County for approval.		
(1) TITLE AND LOCATION <i>(City and State)</i> Palmetto Bay Downtown Redevelopment - Traffic Impact Analysis (Palmetto Bay, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(if applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Traffic Engineer: The Village retained MARLIN to perform a Traffic Impact Analysis for the Downtown Redevelopment of the Village in Palmetto Bay. The proposed project consisted of multi-family residential uses, as well as potential retail and office land uses. The objective was to assess the project's impact on the surrounding transportation network and determine if adequate capacity was available to support future demand. Also, the study summarized the data collection, project trip generation, and capacity analysis.		

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

 12. NAME Eva Marin, EIT, PMP	13. ROLE IN THIS CONTRACT Traffic Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION (City and State)
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION (Degree and Specialization) BS, Civil Engineering, Institute of Technology, CUJAE-Havana, Cuba, 1996 ME, Civil Engineering, City University of New York, NY, 2003	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Engineer-In-Training (EIT) Project Management Professional (PMP), 2022
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Eva brings 18 years of experience providing extensive traffic and transportation engineering services at the New York City Department of Transportation. She served as senior transportation planner/traffic engineer conducting and managing transportation planning and traffic impact studies. In addition, she assessed existing and future transportation and traffic demand and needs in the metro area. Developed recommendations and improvement measures to alleviate traffic congestion, optimize travel operations and improve safety for all street users (drivers/passengers, pedestrians, and cyclists). Besides, she is proficient in the following software systems: MUTCD / AASHTO, HC/Synchro-SimTraffic, AutoCAD/ArcGIS, CEQR Technical Manual, Microsoft Office applications, Adobe InDesign, and SEQR/NEPA regulations. Other expertise included environmental impact studies, community/public outreach, planning studies, zoning & land use analysis, and parking facilities.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Traffic Engineering Services & Development Review Committee Assistance <i>(Pembroke Pines, FL)</i>	(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 Traffic Engineer: MARLIN provides engineering reviews of traffic issues associated with new and modified projects for the Development Review Committee (DRC) and performs traffic engineering reviews on projects submitted for permitting. Studies include roadway capacity analysis, signal warrant studies, roadway safety studies, geometric roadway design, and peer review services for general compliance. MARLIN also performs miscellaneous traffic analysis and traffic engineering study services along with engineering reviews of projects submitted for permitting for compliance with City Standards, Codes, and Engineering Standards as requested by the Planning and Economic Development and Engineering Departments.		

(1) TITLE AND LOCATION (City and State) Plantation Midtown Bridge Improvement – PD&E Study and Design Services <i>(Plantation, FL)</i>	(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 Traffic Engineer: The City of Plantation has retained MARLIN to render a PD&E study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and westbound SR 84. This project aims to study and prepare final design plans for a new bridge to span the SFWMD New River Canal, connecting SW 17th Street to westbound SR 84. This crossing will provide direct access to SR 84 and indirect access to I-595 from Plantation’s Midtown District. Eva is responsible for reviewing PER document and traffic analysis report addressing changes and revisions that respond to comments submitted by the consultant.		

(1) TITLE AND LOCATION (City and State) NE 159 Street from NE 6 Ave to W Dixie Highway, Miami, FL (Miami-Dade County)	(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 Traffic Engineer: As part of contract E19-DTPW-12, DTPW has selected MARLIN to provide design services for NE 159 Street from NE 6 Ave to W Dixie Highway. The project consists of roadway improvements, including reconstructing and widening from a 2-lane to a 4-lane divided road, sidewalks, curb and gutters, continuous storm drainage system, pavement markings and signage, and signalization, survey, lighting, and landscaping. Eva is providing support in drafting the technical memorandum report and reviewing text, tables, and figures according to traffic report standards and requirements.		


(1) TITLE AND LOCATION (City and State) SW 117 Ave from US-1 to SW 184 Street, Miami, FL (Miami-Dade County)	(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 Traffic Engineer: As part of contract E19-DTPW-12, DTPW has selected MARLIN to provide engineering design services for SW 117 Ave. The project includes roadway improvements to SW 117 Ave from US-1 to SW 184 Street. These improvements include, but are not limited to, reconstructing and widening from a 2-lane to a 4-lane divided road, sidewalks, curb and gutters, continuous storm drainage system, pavement markings and signage signalization, lighting, and landscaping. Eva is responsible for reviewing existing traffic network volumes, checking growth rate factor analysis, and creating a balanced traffic network for final traffic analysis.		


More experience found on the following page.

	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
	The Residences at Palmetto Bay (<i>Palmetto Bay, FL</i>)	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (<i>if applicable</i>)
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Traffic Engineer: This contract entails Traffic Impact Analysis (TIA) for a proposed development located on four parcels on 17920 S. Dixie Highway, 17821 S. Dixie Highway, 17930 S. Dixie Highway, and 18101 S. Dixie Highway totaling 5.06 acres. The proposed project includes 417 residential units, 25,508 sq. ft. of commercial space and an internal parking garage. Eva is reviewing the raw traffic data creating the existing traffic balanced network for all peak hour periods analyzed and is working on developing future no build and future build balanced traffic network. Tasks also include review of project trip generation, distribution of TAZ future trips, and assignment based on project location and roadway traffic characteristics		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

	12. NAME Ashok Sampath	13. ROLE IN THIS CONTRACT Traffic Analyst	14. YEARS OF EXPERIENCE	
			a. TOTAL 6	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION <i>(City and State)</i> MARLIN Engineering, Inc. (Fort Lauderdale, FL)				
16. EDUCATION <i>(Degree and Specialization)</i> MS, Civil Engineering, University of South Florida, 2017 BS, Civil Engineering, Anna University, 2014		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Ashok has over 6 years of experience as a Traffic Analyst. Before joining MARLIN, he was a Student Research Assistant at the University of South Florida/Urban Transportation Research Center (CUTR). He performed access management studies, safety analysis, traffic impact analysis, land use impact analysis, and complete street design and planning for two years. He has strong knowledge of the Manual on Uniform Traffic Studies (MUTS), Manual of Intersection Control Evaluation (MICE), Manual on Uniform Traffic Control Devices (MUTCD), Highway Capacity Manual (HSM), American Association of State Highway Transportation Officials (AASHTO), and the FDOT Standards and policies. He is also proficient in Synchro, ArcGIS and Adobe Suite.				
19. RELEVANT PROJECTS				
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Traffic Engineering Services & Development Review Committee Assistance (Pembroke Pines, FL)	(2) YEAR COMPLETED		
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Traffic Analyst: MARLIN provides engineering reviews of traffic issues associated with new and modified projects for the Development Review Committee (DRC) and performs traffic engineering reviews on projects submitted for permitting. Studies include roadway capacity analysis, signal warrant studies, roadway safety studies, geometric roadway design, and peer review services for general compliance. MARLIN also performs miscellaneous traffic analysis and traffic engineering study services along with engineering reviews of projects submitted for permitting for compliance with City Standards, Codes, and Engineering Standards as requested by the Planning and Economic Development and Engineering Departments.	<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Riverside Drive Complete Streets Design (Pompano Beach, FL)	(2) YEAR COMPLETED		
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Traffic Analyst: MARLIN was selected to conduct data collection, analysis, public involvement, conceptual design, and final construction plans to redesign Riverside Drive in Pompano Beach for complete street improvements. Ashok has been assigned to model the Riverside Drive/Atlantic Blvd. intersection and analyze existing and proposed intersection geometry. Developed a new signal timing plan that can improve the Level of Service (LOS) and reduce delay at the intersection.	<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> NE 15th Ave Lane Traffic Study (Fort Lauderdale, FL)	(2) YEAR COMPLETED		
		PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(if applicable)</i>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Traffic Analyst: The project included an innovative collection of pedestrian and bicycle activity, traffic engineering and design and post-design services for repurposing the outside lanes on NE 15th Ave, from Sunrise Blvd. to N of 13th Ave to Buffered/Protected Bicycle Lanes as a tactical urbanism project. Ashok conducted data collection and analysis and pedestrian and bike video detection.	<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Old Cutler Road Traffic Circulation Improvements (Palmetto Bay, FL)	(2) YEAR COMPLETED		
		PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(if applicable)</i>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Traffic Analyst: Old Cutler Road is one of Palmetto Bay's main arterials and cannot handle increased cut-through traffic in the Village, affecting the quality of life for its residents. As a result, MARLIN provides traffic engineering to develop a solution to this situation. MARLIN has developed a traffic model currently under review by Miami-Dade County as part of this.	<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Village Green Drive Master Plan (Port St. Lucie, FL)	(2) YEAR COMPLETED		
		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Traffic Analyst: MARLIN conducted a feasibility study and master plan for Village Green Drive in downtown Port St. Lucie. This project implemented conceptual design alternatives for Port St. Lucie, including complete street principles, streetscaping, traffic calming, trails, landscape architecture, conceptual design plans, and cost estimates. The Village Green Drive Master Plan acted as a catalyst to revitalize Downtown Port St. Lucie, a Community Redevelopment Area (CRA) in eastern Port St. Lucie.	<input checked="" type="checkbox"/> Check if project performed with current firm		


E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT <i>(Complete one Section E for each key person)</i>			
 12. NAME D'jodens Conserve	13. ROLE IN THIS CONTRACT Traffic engineering technician	14. YEARS OF EXPERIENCE	
		a. TOTAL 4	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION <i>(City and State)</i> MARLIN Engineering, Inc. (Fort Lauderdale, FL)			
16. EDUCATION <i>(Degree and Specialization)</i> BS, Civil Engineering, Florida International University, 2020 AA/Engineering, Broward College, 2017		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> D'jodens's areas of interest include transportation engineering and planning. He is experienced in traffic data collection and analysis. Since joining MARLIN, D'jodens has contributed to transportation planning projects, traffic operations and safety studies, traffic analyses of all sizes, and several other transportation engineering projects. He has experience operating several transportation-related software packages, including AutoCAD, MathCAD, ArcGIS & Highway Capacity Software (HCS), and Synchro. In addition, D'jodens is knowledgeable in FDOT's GIS Maps and Applications, DOT Specifications and Design Standards, MUTCD, AASHTO, FDM, Basis of Estimates (BOE), MRP, RCI, MMS, MAC ERS, Survey123 and Collector.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Riverside Drive Complete Streets Design (Pompano Beach, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Traffic Engineering Technician: MARLIN was selected to conduct data collection, analysis, public involvement, conceptual design, and final construction plans to redesign Riverside Drive in Pompano Beach for complete street improvements. D'jodens collected AADT data from FDOT traffic online to calculate growth rate and performed an analysis to predict 2022 traffic volumes based on 2015 turning movement counts provided by Broward County. He also performed a crash analysis to make a summary table, identifying serious injuries and fatalities within the corridor.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Traffic Engineering Services & Development Review Committee Assistance (Pembroke Pines, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Traffic Engineering Technician: MARLIN provides engineering reviews of traffic issues associated with new and modified projects for the Development Review Committee (DRC) and performs traffic engineering reviews on projects submitted for permitting. Studies include roadway capacity analysis, signal warrant studies, roadway safety studies, geometric roadway design, and peer review services for general compliance. MARLIN also performs miscellaneous traffic analysis and traffic engineering study services along with engineering reviews of projects submitted for permitting for compliance with City Standards, Codes, and Engineering Standards as requested by the Planning and Economic Development and Engineering Departments.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Plantation Midtown Bridge Improvement – PD&E Study and Design Services (Plantation, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Traffic Engineering Technician: The City of Plantation has retained MARLIN to render a Project Development and Environmental (PD&E) study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and westbound SR 84. This project aims to study and prepare final design plans for a new bridge to span the SFWMD New River Canal, connecting SW 17th Street to westbound SR 84. This crossing will provide direct access to SR 84 and indirect access to I-595 from Plantation's Midtown District.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 5/US-1/Dixie Highway from I-95 to SW 152 Street (FDOT D6)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Traffic Engineering Technician: Worked on the FDOT corridor study along US 1 from Vizcaya Metrorail Station to SW 152 St Park & Ride Lot. The corridor study analyzed existing conditions, identified recurring congestion locations, and evaluated multimodal transportation improvement needs based on future travel demand. The study identified conceptual improvements for congested locations along the US 1 corridor and recommended subsequent detailed studies. D'jodens performed queue analysis studies and data collection of cars, heavy vehicles, pedestrians, and bicycles during peak hour turning movement counts (TMCs) and 72-Hour approach volumes using video collection units (VCUs) at numerous locations along the corridor.		

More experience found on the following page.

	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
	Chase Ave / 34th Street Shared Use Path from Alton Road to Prairie Ave (<i>Miami Beach, FL</i>)	PROFESSIONAL SERVICES 2019	CONSTRUCTION (<i>if applicable</i>)
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Traffic Engineering Technician: The City of Miami Beach commissioned MARLIN to conduct a feasibility study to identify and assess existing transportation and infrastructure conditions along the south side of Chase Road and 34th Street and recommend multimodal transportation improvements to provide a sidewalk and exclusive 10-foot wide, bi-directional shared use path from Alton Road to Prairie Ave. Within this corridor, MARLIN investigated the impacts of multiple concepts on pedestrian and bicycle safety, right-of-way, drainage, utilities, and the neighboring community. Up to 4 total concepts were provided, including potential interim concepts and phased implementation.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Jeff Weidner, MSP	13. ROLE IN THIS CONTRACT Chief Planner	14. YEARS OF EXPERIENCE	
		a. TOTAL 36	b. WITH CURRENT FIRM 7


15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> MS, Planning (Urban & Regional Planning), Florida State University, 1983	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Jeff has brings 36 years of experience in multimodal transportation, policy planning, growth management, and economic development across the State. He serves as the Chief Planner for multimodal and safety projects, including Vision Zero, freight, seaport, intermodal, transit, transportation demand management, pedestrian/bicycle and Complete Streets. He incorporates state-of-the-art practices in study recommendations, including Transportation Network Companies (TNCs), motorized and non-motorized vehicle sharing, and Autonomous/Connected vehicles. He uses the latest data and analytics tools for cost-saving analyses.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> NE 15th Ave Lane Repurposing Project (Fort Lauderdale, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: The project consists of providing plan documents to allow the City to repurpose the outside lanes of a five-lane typical section to provide buffered/protected lanes on NE 15th Ave from Sunrise Blvd. to north of 13th Ave. Jeff managed the project, including deploying high-resolution video detection devices to monitor and report pedestrian and bicycle activity to support the design of the bike lanes and locations for new pedestrian crossings. This project is being performed under MARLIN's Traffic and Transportation Engineering and Planning Services contract.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Protected Bike Lanes, Transit Lanes and Shared-Use Path Conceptual Design Studies (Miami Beach, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Assisted the City in implementing its transformative Transportation Master Plan which focuses on reducing single-occupant vehicle use within the City by 20% and doubling the pedestrian and bicycle use mode in 20 years. Connected the Venetian Causeway bike lanes across the island to Beach Walk with bike and accommodating transit. Project included creative designs that link pedestrians, bicycles, transit lanes, and freight deliveries in a dense urban environment. Worked with single-family home neighborhood to implement a critical link in the City's shared-use path network on another work order. Worked closely with the neighbors to develop concepts that connect the west side of the island to Central Miami Beach, including separated pedestrian and bicycle facilities. Final concepts included creative public art, bio-swales, permeable pavement, and traffic calming devices including speed tables, lane narrowing, and a traffic circle.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Hollywood Blvd/SR 7 Mobility Hub Project (Broward MPO)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: 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 improve ten intersections and six crosswalks, nine 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.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Pedestrian/Bicycle Projects Prioritization Tool Development (Miami-Dade County, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Developed a data-driven tool for the District 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 database 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.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> SW 10th Street Consensus Building Livability Planning (Broward MPO)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Managed a community outreach effort for the MPO to bring together regional and adjacent community groups to concur and collaborate on a transportation project that has been delayed for decades because of community concerns. The community has been opposed to improvements in the corridor for more than 25 years due to new overpasses being constructed. The community hired MARLIN to document their concerns and educate them on the project's needs and options. The project included developing a project brand, website and collateral material, and local meetings to inform the public and understand that opportunities.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section E for each key person)			
	12. NAME Christina Fermin, AICP	13. ROLE IN THIS CONTRACT Planning Manager	14. YEARS OF EXPERIENCE a. TOTAL 12 b. WITH CURRENT FIRM 5
	15. FIRM NAME AND LOCATION (City and State) MARLIN Engineering, Inc. (Fort Lauderdale, FL)		
16. EDUCATION (Degree and Specialization) Master's in Urban & Regional Planning (MURP) Florida Atlantic University, 2013		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) AICP No. 30532, 2018	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Christina is an experienced Urban Planner with 11 years of experience in government administration. With strong analytical skills, Christina is skilled in ArcGIS, sustainable development, government relations, policy planning, and urban planning. She is well versed in urban and regional planning principles and has substantial knowledge of public practices and working with the community. She has conducted research and analyses on various topics, including climate change, sustainability, land use and zoning, adaptation planning, and sea-level rise.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Village Green Drive Master Plan (Port St. Lucie, FL)	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021 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: Master plan development for Complete Streets treatments along Village Green Drive. The project included data collection, public outreach, and conceptual design. Preferred alternative included a five-foot separated bicycle lane, shared-use pathways, streetscaping techniques, landscape and green infrastructure recommendations, parallel parking, and a linear park parallel to the third segment of the corridor. Coordinated for outreach, design, traffic calming, landscaping, transit, and trail planning. Residents and stakeholders voted for their preferred concept and were encouraged to participate through public surveys, meetings, and canvassing. Final report included an analysis of existing conditions, SWOT and traffic analyses, recommendations, final conceptual drawings, and cost estimates.		
b.	(1) TITLE AND LOCATION (City and State) Martin MPO SUN Trail Feasibility Study (Martin 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 Planning Manager: MARLIN is conducting a feasibility study to identify the best pathway to connect the Florida SUN Trail and East Coast Greenway link between Jonathan Dickinson State Park and Seabranh Preserve State Park. This study will identify the best alternative to complete the Martin County segment of the trail. Conceptual design will include developing up to six typical sections with Complete Street principles. Outreach will include the public, businesses, stakeholders, and several advisory committees.		
c.	(1) TITLE AND LOCATION (City and State) Riverside Drive Complete Streets Design (Pompano 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 Planning Manager /PIO: MARLIN was selected to conduct data collection, analysis, public involvement, conceptual design, and final construction plans to redesign Riverside Drive in Pompano Beach for complete street improvements. Christina has been assisting the public information officer with community engagement through workshop facilitation, preparation, and public meeting materials.		
d.	(1) TITLE AND LOCATION (City and State) Town Consultant Planner (Surfside, 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 Planning Manager: MARLIN currently provides general planning services for the Town of Surfside. Christina has supported the Planning Director and performed development reviews, staff reports for Planning and Zoning Board applications, zoning interpretation, review of permitted uses, business tax license review, zoning code changes, and customer service.		
e.	(1) TITLE AND LOCATION (City and State) Chase Ave/W 34th Street Shared-Use Path (Miami Beach, 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 Planning Manager: Feasibility study for Chase Avenue/34th Street Shared Use Path from Alton Road to Prairie Ave in Miami Beach, consistent with the City's Transportation Master Plan (TMP). Christina conducted a sea-level rise analysis using GIS of the subject area and giving recommendations based on adopted 2015 Sea Level Rise Projections. Christina also assisted public workshops and prepared a final report, which included final concept drawings, policy recommendations, and conceptual cost estimates.		

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

 12. NAME Laura Postarini	13. ROLE IN THIS CONTRACT Senior Planner	14. YEARS OF EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION (City and State)
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION (Degree and Specialization)
MS Urban Planning, Columbia University, Graduate School of Architecture, Planning/Preservation (GSAPP), 2017-2019
Master in Architecture, Universidad de los Andes, Bogotá, Colombia, 2012-2014
[IN] CITY Summer Program, UC Berkeley, Department of City and Regional Planning CED, 05/2016-08/2016
Certificate in City and Architecture: Urban Management, Universidad de los Andes, Bogotá, Colombia, 2008-2009
BA Industrial Design, Universidad de los Andes, 2003-2008

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Laura is an experienced planner and project manager with 14 years of experience in architecture, planning, urban design, and project management. Laura has a strong background in public space interventions and the coordination of construction projects and possesses deep knowledge in strategic planning and client/stakeholder relations. Throughout her career, Laura has demonstrated a remarkable commitment to community engagement. She recognizes the significance of involving and empowering community members in decision-making and has successfully implemented various strategies to ensure meaningful participation and collaboration. With her dedication to community engagement, Laura has consistently delivered projects that align with the needs and aspirations of the communities.

19. RELEVANT PROJECTS


	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	City of Fort Pierce Passenger Rail Station / Mobility Hub and Station Area Plan (St. Lucie TPO)	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr. Planner: In collaboration with Zyscovich as our subconsultant, MARLIN will provide a conceptual station area plan for this project, including traffic engineering, architectural design, and roadway design services. The plan aims to identify concepts for a passenger rail station to function as a Mobility Hub as specified in the TPO's Sustainable Transportation Plan. Laura plays a vital role in facilitating public and stakeholder engagement and outreach efforts.		
b.	Martin County Major Update Transit Development Plan FY 2024-2033 (Martin MPO)	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr. Planner: In collaboration with Kittleson & Associates as our subconsultant, MARLIN is tasked with completing a major update to Martin County's TDP, including stakeholder coordination, public involvement, baseline assessment, existing services and performance evaluation, transit demand analysis, and the final plan.		
c.	Low-Stress Multimodal Mobility Transportation Master Plan (Broward County, FL)	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr. Planner: MARLIN leads a countywide master planning effort for low-stress, non-motorized multimodal facilities. The plan includes a literature review, data collection, analysis, needs assessment, feasibility analysis, design guidelines, public involvement, and outreach. The final plan will consist of a countywide multimodal mobility master plan, design guidelines, placemaking toolkit, marketing toolkit, and project list.		
d.	Transit Safety Campaign (FDOT D4)	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr. Planner: MARLIN is the subconsultant to Infinite Source Communications (ISC) and is responsible for the coordination of District 4 transit agencies and assisting with the outreach plan, messaging, and identification of bicycle and pedestrian crashes near transit stops. The project seeks the creation of new public safety messaging for transit agencies aimed at motorists and pedestrian safety.		

More experience found on the following page.

	(1) TITLE AND LOCATION (<i>City and State</i>) Districtwide Safety Campaign (FDOT D4)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (<i>if applicable</i>)
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Sr. Planner: MARLIN is the subconsultant to Infinite Source Communications (ISC) and is responsible for the coordination and stakeholder engagement to various education campaigns aimed at improving transportation safety, including the Be Rail Smart Campaign, which is aimed at reducing rail crashes. Mobility week and safety messaging to reduce pedestrian and bicycle crashes. MARLIN is also responsible for data collection, analysis, mapping, and assisting with outreach events	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Kathryn Marinace	13. ROLE IN THIS CONTRACT Strategic Planner	14. YEARS OF EXPERIENCE	
		a. TOTAL 5	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> Master's in Urban and Regional Planning, Florida Atlantic University, 2022 BA, Anthropology, Florida Gulf Coast University, 2016	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Kathryn is a passionate planning professional with 5 years of experience. With a background in anthropology, her work aims to understand the development of cities through cultural and environmental lenses to better plan for growth and sustainability. At MARLIN, Kathryn is responsible for permits, zoning and site plan review, policy analysis, data analysis, public engagement and outreach, and master plan development.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Riverside Drive Complete Streets Design (Pompano Beach, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Strategic Planner: MARLIN was selected to conduct data collection, analysis, public involvement, conceptual design, and final construction plans to redesign Riverside Drive in Pompano Beach for complete street improvements. Kathryn has been assisting the public information officer with community engagement through workshop facilitation, preparation, and public meeting materials.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> General Town Planning (Surfside, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Strategic Planner: Assist the Town Planner with development reviews, license business tax receipts, zoning review for building permits, and ensure proposed development complies with the Town's Code of Ordinances, Comprehensive Plan, Design Guidelines, and Zoning in Progress as set forth by the Town Commission. Other tasks include research topics directed by the Manager or Commission, including zoning code updates.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Plantation Midtown Bridge Improvement – PD&E Study and Design Services (Plantation, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Strategic Planner: The City of Plantation has retained MARLIN to render a Project Development and Environmental (PD&E) study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and WB SR 84. This project aims to study and prepare final design plans for a new bridge to span the South Florida Water Management District (SFWMD) New River Canal, connecting SW 17th Street to westbound SR 84. This crossing will provide direct access to SR 84 and I-595 from Plantation's Midtown District. Kathryn will be assisting with the public involvement, which includes the development of a Public Involvement Plan, identification of stakeholders, facilitating and moderating stakeholder meetings, and preparation of materials for public meetings and workshops.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> SR-7/US-441 Transit Corridor Improvements (FDOT D4)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Strategic Planner: MARLIN is the design consultant for bicycle, pedestrian, and transit improvements along SR-7 in North Lauderdale, Lauderdale Lakes, Lauderdale, Miramar, and Pompano Beach. Kathryn has been assisting the public information officer with public involvement through mailings, notifications, meeting materials and coordination.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Transportation Demand Management Study (Broward MPO)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Strategic Planner: The Broward MPO has contracted with the Downtown Fort Lauderdale Transportation Management Association (TMA) to study Transportation Demand Management (TDM) and transit strategies used to increase the efficiency of existing transportation systems by influencing demand on those systems to help manage congestion. MARLIN is a subconsultant to Kimley-Horn. Kathryn is identifying TDM stakeholders and peer TMA's within the nation, coordinating with the TDM workgroup sessions, and assisting with drafting a report, recommendations, and implementation plan.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Eric Katz, AICP	13. ROLE IN THIS CONTRACT Director of Mobility Programs and Projects	14. YEARS OF EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 7

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> MA, Urban and Regional Planning, Florida Atlantic University, 2013	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> AICP No.29623, 2017 Project Management Professional, 2023
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Eric is an award-winning urban planner with expertise in multimodal transportation and public outreach. His experience includes serving as an in-house consultant at FDOT Central Office. His tasks have focused on developing the Transportation Data and Analytics (TDA) Office's new Statewide Non-Motorized Traffic Monitoring (NMTM) program. He continues to assist the TDA Office by dedicating his time towards the sustainable growth of the NMTM program. Eric has strong communications skills which enable him to deliver clear and informative presentations. Additionally, his excellent writing skills helped secure many government and foundation grants which have contributed to improving the quality of life of numerous communities.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Complete Streets Study (Broward County, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Strategic Planner: The Broward MPO actively sought opportunities to implement Complete Streets projects along various corridors within the county. As a subconsultant, MARLIN was contracted to research 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. Eric's tasks included a literature review of all Broward municipalities and documenting proposed complete streets projects and or lane elimination projects, educating Broward municipalities about 5E Best Practices, and researching grant funding opportunities focused on Complete Streets.		
(1) TITLE AND LOCATION <i>(City and State)</i> Safe Routes to School Grant Applications (Miami-Dade County, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Strategic Planner: The annual evaluation of ten schools selected by the Miami-Dade Transportation Planning Organization (TPO) for Safe Routes to School infrastructure improvements. The scope of work included documentation of unsafe walking/biking conditions, recommendation development 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. The evaluation included site visits, coordination with school administration, and public outreach to stakeholder groups to gain input on needed safety improvements. Eric's tasks included public outreach, data collection, bicycle and pedestrian recommendations, and completing all grant applications. Thirty schools were involved in the 2015-2017 cycles and were all approved and funded.		
(1) TITLE AND LOCATION <i>(City and State)</i> Forest Hill Boulevard (FDOT D4)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Public Information Officer (PIO): MARLIN provided full-service design services for the Forest Hill Blvd. at 16th Place South Signalization Improvement project. Eric was responsible for managing the public information element of this project. PIO tasks included venue selection for Public Hearings, flyer creation and distribution, notification letters to all nearby property owners, public hearing meeting logistics, and documentation of public comments to be included in the Final Report.		
(1) TITLE AND LOCATION <i>(City and State)</i> Protected Bike Lanes Demonstration Master Plan (Miami-Dade County, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Strategic Planner: MARLIN led the development of the Miami-Dade TPO Protected Bike Lanes Demonstration Plan. Protected bike lanes (also known as separated bike lanes and cycle tracks) create a County-wide low-stress bikeway network connecting to existing bike facilities, population centers, employment areas, educational facilities, recreational facilities, other civic institutions to existing and planned transit facilities, including the Strategic Miami Area Rapid Transit (SMART) Plan corridors. The study identified two pilot projects for fast-track implementation.		

More experience found on the following page.

	(1) TITLE AND LOCATION (<i>City and State</i>) Bike Friendly Miami-Dade Designation Application (<i>Miami-Dade County, FL</i>)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (<i>if applicable</i>)
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	<p>Strategic Planner: This project focused on coordinating and preparing Bicycle Friendly Designation applications for Miami-Dade County and partnering entities from the League of American Bicyclists. Tasks included identifying and assisting municipalities, businesses, and/or universities that may be interested in obtaining a Bicycle Friendly designation. MARLIN conducted bicycle and pedestrian counts outlined by the TPO to build a repository of historic bicycle and pedestrian data and identify walking and bicycling trends throughout the county. Eric’s tasks included completing numerous Bicycle Friendly applications, public outreach, data collection, and producing the first-ever Miami-Dade Bike Friendly Summit attended by one hundred participants. MARLIN successfully assisted Miami-Dade County, Miami Shores Village, Miami Beach, Doral, and South Miami cities in obtaining Bicycle Friendly designations.</p>		

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

 12. NAME Jorge Padron	13. ROLE IN THIS CONTRACT Senior Public Involvement Officer	14. YEARS OF EXPERIENCE	
		a. TOTAL 33	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION (City and State)
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION (Degree and Specialization)
BS, Fine Arts - Graphic Design, Florida Atlantic University

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

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

Jorge brings 33 years serving as the Public Involvement Coordinator in the Planning & Environmental Management Office (PLEMO). Since the beginning of his career, he has always been dedicated and committed to the public, the FDOT, and his PLEMO office. During his years of service, Jorge has been in charge of the public engagement for approximately 130 Project Development & Environmental Studies (PD&E) for the PLEMO office. In addition, he has coordinated and participated in many design and access management projects.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	LAP PROJECT - Miramar Complete Streets Phase III (LAP) (Miramar, FL)	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr. Public Involvement Officer: This LAP-funded Grant Program project within the City of Miramar includes milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement markings improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the streets within the project area—approximately 12,500 linear feet of 5-foot sidewalk along SW 62nd Ave and SR 7. The design includes the reconstruction of residential driveways and swales regrading along the proposed sidewalk limits. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); a Level I Contamination Screening Evaluation (CSE), and Development of Construction Specifications.		
b.	LAP PROJECT - NW 146th Street (Miami Lakes, FL)	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Utility Coordinator: The project consists of lane repurposing of NW 146th Street from NW 89th Ave to NW 87th Ave. The project is a Local Agency Program (LAP) funded project in collaboration with FDOT and follows the NEPA process, and requires an environmental assessment. The sidewalk improvements shall be in accordance with the Americans with Disabilities Act (ADA). Jorge’s responsibilities include managing and coordinating with utility owners for facilities within project limits. The information is incorporated into the design upon receipt from the utility companies.		
c.	Riverside Drive Complete Streets Design (Pompano Beach, FL)	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr. Public Involvement Officer: MARLIN was selected to conduct data collection, analysis, public involvement, conceptual design, and final construction plans to redesign Riverside Drive in Pompano Beach for complete street improvements. Jorge has been assisting the public information officer with community engagement through workshop facilitation, preparation, and public meeting materials.		
d.	Plantation Midtown Bridge Improvement - PD&E Study and Design Services (Plantation, FL)	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Sr. Public Involvement Officer: The City of Plantation has retained MARLIN to render a Project Development and Environmental (PD&E) study and design services for the construction of the Plantation Midtown Bridge to be located between SW 17th Street and WB SR 84. This project aims to study and prepare final design plans for a new bridge to span the SFWMD New River Canal, connecting SW 17th Street to westbound SR 84. This crossing will provide direct access to SR 84 and I-595 from Plantation’s Midtown District. Jorge is assisting the public involvement portion of this task, which includes developing a Public Involvement Plan, identifying stakeholders, facilitating and moderating stakeholder meetings, organizing, outreach and preparing materials for public meetings and workshops.		

More experience found on the following page.

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Project Development and Environment (PD&E) Study for I-95 from Stirling Road to Oakland Park Blvd. (Broward County, FL)	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i>
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	<p>Sr. Public Involvement Officer: PD&E study to enhance operational capacity and relieve congestion by implementing two High Occupancy Toll (HOT) lanes in each direction. The project is part of the managed lanes vision for South Florida and includes coordination with other on-going managed lanes studies up to Linton Boulevard. Seen as a critical infrastructure project, this Categorical Exclusion Type 2 study was completed in an aggressive 19-month schedule. The study included a comprehensive public involvement program with over 5000 stakeholders. Through Community Outreach Meetings, our team worked closely with residents and agency stakeholders to ensure our work on I-95 didn't impact nearby historic North Woodlawn Cemetery, as a result, FDOT D4 was honored by the Broward County Historic Commission for preserving the historical significance of this community landmark.</p>		

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

 12. NAME Harold Pantaleon	13. ROLE IN THIS CONTRACT Technology & Innovation Manager / Certified FAA Drone Pilot	14. YEARS OF EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 6

15. FIRM NAME AND LOCATION (City and State)
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION (Degree and Specialization) BS, Civil Engineering Instituto Nacional de Ciencias Exactas, Dominican Republic, 2012	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Harold has 12 years of experience in traffic engineering, freight, GIS, transportation planning, and construction supervision. He is responsible for developing data collection studies and analyses such as classification/truck count trends, origin/destination, turning movement counts, spot speed studies, approach counts, gap, travel time and delay, and crash analyses. He regularly compiles, processes, and analyzes data and results, performs quality control analysis, generates data graphs and reports using Jamar Technologies Software, conducts calibration of data collection equipment and vehicles, and collaborates with engineers assisting in fieldwork such as field reviews, collecting project information and on-site pictures, and surveying. Harold is an FAA Part 107 Certified UAV Pilot.


19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
THEA Tampa Ped and Bike (FDOT D7)	Ongoing	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Sr. Engineering Technician: MARLIN is providing support to Tampa Hillsborough Expressway Authority (THEA) on its bike and pedestrian project. Harold is managing the data collection effort and assisting in the site selections for three (3) facilities maintained by THEA. Harold proficiently collected Pedestrian and Bike counts at these facilities during the off and on-peak seasons, extracting valuable data. He also contributes to improving the safety and accessibility of Tampa's biking and walking infrastructure by actively participating in THEA's initiative. In addition, he is collaborating with a dedicated team to enhance the understanding of pedestrian and cyclist behaviors and help create a more sustainable and pedestrian-friendly environment in Tampa.		
Low-Stress Multimodal Mobility Transportation Master Plan (Broward County, FL)	Ongoing	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Sr. Engineering Technician & GIS Technician: MARLIN leads a countywide master planning effort for low-stress, non-motorized facilities. The plan includes a literature review, data collection and analysis, needs assessment, feasibility analysis, design guidelines, public involvement, and outreach. Harold played a vital role in this project. He was responsible for coordinating and analyzing the data collection efforts, providing detailed analysis and valuable data insights to support transportation planning and decision-making for the project. In addition, he was also responsible for performing geospatial analysis to identify 10 locations within the county for potential installation of pedestrian and bike continuous counters. Harold also provided GIS support in numerous analyses as part of the plan.		
NE 15th Ave Lane Repurposing Project (Fort Lauderdale, FL)	2022	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Sr. Engineering Technician: The project provided plan documents to allow the City of Fort Lauderdale to repurpose the outside lanes to Buffered/Protected Lanes on NE 15th Ave from Sunrise Blvd. to N. of 13th Ave as a pilot project. Harold was responsible for the coordination and analysis of the traffic data collection. Other tasks involved identifying/analyzing pedestrian activity and behavioral origin and destination along the study segment to support the design of the bike lanes and locations for new pedestrian crossings. For this purpose, the MARLIN data collection team used high-resolution cameras with deep learning algorithms to detect pedestrian trajectories along the segment. The results of the collected data effectively identified the areas of most pedestrian activity and potential safety improvements.		
Young Circle Re-Design Phase I and II (Hollywood, FL)	Ongoing	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Sr. Engineering Technician: Traffic analysis for redesigning the 800-foot diameter Young Circle in Downtown Hollywood. This project includes traffic engineering services, including data collection, SimTraffic illustrative traffic simulation, conceptual planning-level cost estimates, and stakeholder participation. Harold managed an extensive data collection that included O/D utilizing Bluetooth technology, MIOVision data collection for ped/bicycles, trucks, and buses, and bi-directional traffic counts. He also assists in the data collection process and creates graphics and maps using GIS software.		

More experience found on the following page.

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	Transit Planning & Operations Non-Motorized Traffic Monitoring <i>(FDOT Central Office)</i>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Sr. Engineering Technician: MARLIN is developing a research-based study that evaluates and provides direction in providing safe access to transit stop locations design. The project involves deploying bicycle and pedestrian count equipment near transit stops in coordination with five Florida transit agencies to standardize methods for analyzing and utilizing non-motorized traffic datasets specific to transit. Harold is responsible for deploying the counting equipment, including infrared detection devices, bicycle tube counters, and cameras. He then uploads and analyzes the data for the weekend and weekday pedestrian and bicycle counts.		

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

 12. NAME Spencer Mcknight	13. ROLE IN THIS CONTRACT Engineering and Planning Technician	14. YEARS OF EXPERIENCE	
		a. TOTAL 11	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION (City and State)
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION (Degree and Specialization) BS, Political Science, Florida Atlantic University, 2010	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
With 11 years of experience, Spencer McKnight is an adept engineering technician supporting MARLIN's Traffic Engineering and Transportation Planning divisions. His core responsibilities include deploying and installing data collection devices such as traffic monitoring cameras and pneumatic tubes on roadways and monitoring and interpreting the data collected from said devices.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Riverside Drive Complete Streets Design (Pompano 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 Engineering Technician: MARLIN was selected to conduct data collection, analysis, public involvement, conceptual design, and final construction plans to redesign Riverside Drive in Pompano Beach for complete street improvements. Spencer has been assisting with the data collection.		

b.	(1) TITLE AND LOCATION (City and State) Plantation Midtown Bridge Improvement - PD&E Study and Design Services (Plantation, 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 Engineering Technician: The City of Plantation has retained MARLIN to render a Project Development and Environmental (PD&E) study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and westbound SR 84. This project aims to study and prepare final design plans for a new bridge to span the SFWMD New River Canal, connecting SW 17th Street to WB SR 84. This crossing will provide direct access to SR 84 and indirect access to I-595 from Plantation's Midtown District.		

c.	(1) TITLE AND LOCATION (City and State) NE 15th Ave Lane Traffic Study (Fort Lauderdale, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022	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 Engineering Technician: The project included an innovative collection of pedestrian and bicycle activity, traffic engineering, design and post-design services for the repurposing of the outside lanes on NE 15th Ave from Sunrise Blvd. to N of 13th Ave to Buffered/Protected Bicycle Lanes as a tactical urbanism project. For this purpose, the MARLIN data collection team used high-resolution cameras with deep learning algorithms to detect and analyze pedestrian trajectories along the segment. The collected data results effectively identified the areas of most pedestrian activity and potential safety improvements.		

d.	(1) TITLE AND LOCATION (City and State) South of Fifth Neighborhood - Traffic Calming Study (Miami Beach)	(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 Engineering Technician: MARLIN is conducting comprehensive neighborhood traffic calming study focused on the South of the Fifth neighborhood in Miami Beach to create safe and attractive streets, promote pedestrian, bicycle and transit use, and improve the quality of life for the residents. Spencer is responsible for deploying and maintaining the equipment, including cameras, traffic tube counters, and Bluetooth devices. He then uploads and analyzes the data into a report for speed, volume counts, turning movements counts at main intersections, and origin-destination counts. Spencer also assists in conducting field reviews to verify existing traffic calming devices.		

e.	(1) TITLE AND LOCATION (City and State) Traffic Calming Study (Palmetto Bay)	(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 Engineering Technician: MARLIN is conducting a community-wide traffic calming study in the Village of Palmetto Bay to install temporary and permanent speed hump/tables. This study focuses on increasing pedestrian safety. Spencer is responsible for deploying and maintaining the equipment, including traffic tube counters. He then uploads and analyzes the data into speed and volume counts to report. Spencer also conducts field reviews to verify existing traffic calming devices, roadway features, posted speed limits, and infrastructure.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Kevin Beck, PSM	13. ROLE IN THIS CONTRACT Chief Surveyor	14. YEARS OF EXPERIENCE	
		a. TOTAL 38	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Palm Beach Gardens, FL)

16. EDUCATION <i>(Degree and Specialization)</i> St. Anthony's High School, New York, 1980	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida PSM No. LS6168, 2001
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Kevin brings over 38 years of land surveying experience with a significant history in land development, including document review for municipalities, boundary, topographic, ALTA surveys, and platting. He is a licensed Professional Surveyor & Mapper with knowledge and expertise in directing office operations, project management and developing policy and procedures. In addition, Kevin has extensive experience in marketing and business development, including proposal preparation and presentations to councils and the community. At MARLIN, he is responsible for managing all survey operations.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Atlantic Shores Boulevard (Hallandale Beach, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Chief Surveyor: As a subconsultant of RJ Behar, MARLIN provides a Topographic Survey of Atlantic Shores Boulevard from Diplomat Parkway extending to the East right-of-way of Three Islands Boulevard. (Approximately 1,200 linear feet). Surveying tasks included topographic datalong Atlantic Shores Boulevard, from North to South right-of-way lines, right of way monumentation recon, as-built drainage structures, and hydrographic survey.			

b.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 7/US 441 Transit Corridor Improvements, Broward County, FL (FDOT D4)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Chief Surveyor: MARLIN provides multimodal connectivity, operations, and safety improvements along 9 district corridors connecting SR 7 and Rock Island Road in Broward County. Improvements include widening the roads, completing sidewalk links, constructing bike lanes, lane eliminations, ADA upgrades, and transit stop enhancements. Survey services included topographic survey data collection for Digital Terrain Modeling (DTM), elevation bench loops, and controlling monumentation supporting roadway design in District 4.			

c.	(1) TITLE AND LOCATION <i>(City and State)</i> Plantation Midtown Bridge Improvement – PD&E Study and Design Services (Plantation, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Chief Survey: The City of Plantation has retained MARLIN to render a PD&E study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and westbound SR 84. Survey services included topographic surveys, drainage improvements and as-builts.			

d.	(1) TITLE AND LOCATION <i>(City and State)</i> Upland Topographic Survey (Port of Palm Beach, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Chief Surveyor: 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 the 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.			

e.	(1) TITLE AND LOCATION <i>(City and State)</i> SW 4th Avenue (Delray Beach, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
Chief Surveyor: Topographic Survey with Subsurface Utility Engineering (SUE) investigations to prepare 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 the Ground Penetrating Radar (GPR) and SUE services provided by MARLIN and coordinated with all utility companies. Kevin also recovered section corners and existing right-of-way monumentation, defining the route and setting horizontal and vertical project control points.			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Berardo Gomez	13. ROLE IN THIS CONTRACT Surveyor Technician	14. YEARS OF EXPERIENCE	
		a. TOTAL 7	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BS, Mining Engineering, Universidad de Central de Venezuela, Caracas, 2013 Specialization in Business Foundations, University of Pennsylvania, 2019 Specialization in Construction Management, Columbia University, 2019 MicroMasters/Management in Supply Chain, MIT, 2019-2020	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Currently, Berardo is excelling in his role as a Survey Technician. He is crucial in ensuring accurate results with his extensive expertise in ArcGIS, Geomatic Surveying & Applied Lab Work, AutoCAD, GPS collector, Digital Image Analysis, and Construction Project Management. Additionally, he supports and guides the survey crews, demonstrating strong leadership skills and commitment to teamwork.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Plantation Midtown Bridge Improvement – PD&E Study and Design Services <i>(Plantation, FL)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Survey Technician: Survey Technician: The City of Plantation has retained MARLIN to render a PD&E study and design services for the construction of the Plantation Midtown Bridge to be located between SW 17th Street and westbound SR 84. Survey services included topographic surveys, drainage improvements, and as-builts.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Atlantic Shores Boulevard (Hallandale Beach, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Survey Technician: As a subconsultant of RJ Behar, MARLIN provides a Topographic Survey of Atlantic Shores Boulevard from Diplomat Parkway extending to the East right-of-way of Three Islands Boulevard. (Approximately 1,200 linear feet). Berardo collected topographic survey data for Digital Terrain Modeling (DTM), elevation bench loops, and controlling monumentation supporting horizontal and vertical alignment and roadway right-of-way recovery. He developed Project Network Control. He also, As-Built Drainage Structures performed Hydrographic Surveys. In addition, he provided SUE office support.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> NE 15th Avenue Lane Repurposing Project (Fort Lauderdale, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineering Technician: The project provided plan documents to allow the City of Fort Lauderdale to repurpose the outside lanes to Buffered/Protected Lanes on NE 15th Ave from Sunrise Boulevard to N. of 13th Ave as a pilot project. MARLIN performed collection/survey, ped/bike video reports, plans/Quality Control, and post-design services for this contract. This project is under the contract of MARLIN's Traffic and Transportation Engineering and Planning Services.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 710 / Warfield Boulevard Reconstruction (FDOT D4)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Survey Technician: The Project provided horizontal and vertical control, baseline survey, right-of-way, topographic, Digital Terrain Model (DTM), cross-sections, and signal light survey. The design survey was to extend 1000 feet south of the centerline of North Lakes Blvd. to 1,200 feet north of the centerline of North Lakes Blvd. along SR 710/Beeline Highway. Also, it consisted of 1,200 feet west of the centerline of SR 710 / Beeline Highway to 1,000 feet east of the centerline of SR 710 / Beeline Highway along North Lakes Blvd. Berardo collected topographic survey data for Digital Terrain Modeling (DTM), elevation bench loops, and controlling monumentation supporting horizontal and vertical alignment and roadway right-of-way recovery. Developed Project Network Control. He also, As-Built Drainage Structures performed Hydrographic Surveys. In addition, he provided SUE office support.		

More experience found on the following page.

	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
	SR 845/Powerline Road from NW 30th Place to West Drive (FDOT D4)	PROFESSIONAL SERVICES 2020	CONSTRUCTION (<i>if applicable</i>)
e.	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	<p>Survey Technician: Powerline Road is an RRR project that begins south of NW 30th Place and ends south of American Way in Broward County, Florida. The scope of work included milling and resurfacing the asphalt pavement, ADA improvements, installing pedestrian countdown signals as needed, signing and pavement markings, drainage, and surveying services. Berardo collected topographic survey data for Digital Terrain Modeling (DTM), elevation bench loops, and controlling monumentation supporting horizontal and vertical alignment and roadway right-of-way recovery. Developed Project Network Control.</p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

	12. NAME Michael Wachter	13. ROLE IN THIS CONTRACT Land Surveyor in Training	14. YEARS OF EXPERIENCE	
			a. TOTAL 2	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BS, Geomatics Engineering, Florida Atlantic University, August 2021	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Land Surveyor in Training
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Michael is a Land Surveyor in Training with two years of experience. His expertise involves ArcGIS, Geomatic Surveying & Applied Lab Work, AutoCAD, GPS collector, Digital Image Analysis, and Construction Project Management.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Atlantic Shores Boulevard (Hallandale Beach, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Land Surveyor in Training: As a subconsultant of RJ Behar, MARLIN provides a Topographic Survey of Atlantic Shores Boulevard from Diplomat Parkway extending to the East right-of-way of Three Islands Boulevard. (Approximately 1,200 linear feet). Surveying tasks included topographic datalong Atlantic Shores Boulevard from North to South right-of-way lines, right of way monumentation recon, as-built drainage structures, and hydrographic survey.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Plantation Midtown Bridge Improvement – PD&E Study and Design Services (Plantation, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Land Surveyor in Training: The City of Plantation has retained MARLIN to render a Project Development and Environmental (PD&E) study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and westbound SR 84. Survey services included topographic surveys, drainage improvements and as-builts.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 7/US 441 Transit Corridor Improvements, Broward County, FL (FDOT D4)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Land Surveyor in Training: MARLIN provides multimodal connectivity, operations, and safety improvements along 9 district corridors connecting SR 7 and Rock Island Road in Broward County. Improvements include widening the roads, completing sidewalk links, constructing bike lanes, lane eliminations, ADA upgrades, and transit stop enhancements. Survey services included topographic survey data collection for Digital Terrain Modeling (DTM), elevation bench loops, and controlling monumentation supporting roadway design in District 4.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 845/Powerline Road from NW 30th Place to West Drive (FDOT D4)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Land Surveyor in Training: Due diligence of project corridor and creation of topographic survey, DTM and FDOT compliance from field to office completion utilizing Topcon Robotic S-5 unit and Bentley Open Roads Designer.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Water Utilities Department (Palm Beach County, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm GIS Analyst Intern: Performed GIS maintenance and quality assurance. Updated GIS layers in accordance with standards using ArcGIS. Cataloged as-built drawings.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

	12. NAME Yanin Anton, EI	13. ROLE IN THIS CONTRACT Roadway Engineer	14. YEARS OF EXPERIENCE	
			a. TOTAL 19	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BS, Civil Engineering, ISPIAE University Havana, Cuba, 1991	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida EI License No. 1100022455, 2019
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Yanin is a Civil Engineer with over 19 years of experience in the design of infrastructure projects such as mass transit, highway bridges and telecommunication towers. Her expertise encompasses roadway and structural design, structural inspections and rehabilitation projects for several transportation agencies, including the Florida Department of Transportation (FDOT), Miami Expressway Authority (MDX), and Florida Turnpike Enterprise (FTE).

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Atlantic Shores Boulevard Roadway Improvements (Hallandale Beach, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer: The City of Hallandale Beach retained MARLIN 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 Complete Streets project addresses on-street parking and creates a pedestrian-friendly corridor by implementing wider sidewalks.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Pembroke Pines Mobility Hub Master Plan (Broward MPO, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer: This project included collecting and summarizing relevant transportation plans, land use plans, and redevelopment plans associated with the study area. Yanin prepared conceptual cost estimate plans.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 845/Powerline Road from NW 30th Place to West Drive (FDOT D4)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer: Powerline Road is a RRR project that begins south of NW 30th Place and ends south of American Way in Broward County, Florida. The scope of work included milling and resurfacing the asphalt pavement, ADA improvements, installing pedestrian countdown signals as needed, signing and pavement markings, and drainage. Other assignments included typical section development, cross-slope analysis, field reviews, sign inventory, signing and pavement markings, and preparing the 3R report.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 710/Warfield Blvd (SA #10) (FDOT D4)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2024 (est.)	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer: Mayor reconstruction of SR 710/Warfield Blvd. (from 2 to 4 lanes) from FPL Access Road to Allappatah Road (SA #10) in Martin County, Florida. The scope of work includes preparing roadway, signing pavement marking and signalization plans, drainage analysis plans, utility coordination, and surveying services. Responsibilities include creating design plans using the 3D Modeling Design software.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> SW 95th Avenue Parking Study (Palmetto Bay, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer: The purpose of this study was to analyze the existing roadway conditions, traffic flow, current land uses, parking requirements, parking demands and recommend parking improvements along SW 95th Avenue between SW 174th Street to US 1. Yanin prepared conceptual cost estimate plans		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

	12. NAME Dalgis Lara	13. ROLE IN THIS CONTRACT Roadway Engineer	14. YEARS OF EXPERIENCE	
			a. TOTAL 33	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BS, Civil Engineering, University of Havana (ISPJAE), Cuba, 1989	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Dalgis is a civil engineering designer with 33 years of experience and over six years with projects in the public sector. Along with being a skilled drafter and project administrator, Dalgis is an expert in client relations and interaction, consistently finishing projects under budget and ahead of schedule. In addition, she is proficient in AutoCAD and Microsoft Office.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	NW 146th Street Reconstruction (Miami Lakes, FL) (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Designer: The project consists of lane repurposing of NW 146th Street from NW 89th Ave to NW 87th Ave. The project is a Local Agency Program (LAP) funded project in collaboration with FDOT and, follows the NEPA process, and requires an environmental assessment. The sidewalk improvements shall be in accordance with the Americans with Disabilities Act (ADA).	Ongoing	
b.	Plantation Midtown Bridge Improvement – PD&E Study and Design Services (Plantation, FL) (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Designer: The City of Plantation has retained MARLIN to render a Project Development and Environmental (PD&E) study and design services for the construction of the Plantation Midtown Bridge, to be located between SW 17th Street and westbound SR 84. This project aims to study and prepare final design plans for a new bridge to span the SFWMD New River Canal, connecting SW 17th Street to westbound SR 84. This crossing will provide direct access to SR 84 and indirect access to I-595 from Plantation’s Midtown District.	Ongoing	
c.	SR 5/US 1/ S. Dixie Hwy, from SW 232 Ave to SW 112 Ave (FDOT D6) (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Signing and Pavement Markings (SPM) Designer: This is a RRR project along SR 5 / US-1 / S Dixie Hwy located entirely within the unincorporated Miami-Dade County. SR 5/US-1/S Dixie Hwy is functionally classified as an Urban Principal Arterial with a design speed and posted speed of 45 MPH, a context classification of C-4 (Urban General), Access Management Class 5. It is part of the State and National Highway System. The length of the project is about 2.247 miles. The project consists of milling and resurfacing, overbuilding to correct cross slope deficiencies, correcting shoulder edge drop-offs and shoulder erosion by regarding the existing swales, reconstructing multiple asphalt driveways, installing additional drainage inlets, providing ADA improvements, repairing damaged sidewalks, upgrading and modifying pedestrian crossings, pedestrian curb ramps and detectable warning surfaces, upgrade traffic railings, implementation of 3R Safety Recommendations, upgrade all substandard ground-mounted signs to comply with the latest editions of the FDOT and MUTCD.	Ongoing	
c.	SR 7/US 441 Transit Corridor Improvements, Broward County (FDOT D4) (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Designer: MARLIN provides multimodal connectivity, operations, and safety improvements along nine distinct corridors connecting SR 7 and Rock Island Road in Broward County. Improvements include widening the roads, completing sidewalk links, constructing bike lanes, lane eliminations, ADA upgrades, and transit stop enhancements.	Ongoing	
c.	Atlantic Shores Boulevard Roadway Improvements (Hallandale Beach, FL) (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Designer: The City of Hallandale Beach retained MARLIN 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 Complete Streets project addressed on-street parking and created a pedestrian-friendly corridor by implementing wider sidewalks.	2021	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Julio Almeyda	13. ROLE IN THIS CONTRACT Roadway Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BFA in Fine Arts, Traditional Painting with Multiple Mediums, Sculpture, and 3D Design, 2012	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Julio has 16 years of mechanical design experience which he now applies toward roadway and traffic design. He is proficient in creating, revising, and maintaining CAD drawings to manufacture elevators using concepts, sketches, and architectural prints. He has applied his mechanical knowledge to the design and construction of elevators in high-rise buildings internationally. Moreover, he has significant expertise with chemical engineering enabling the calculation of the velocity and flow rates of various caustic chemicals. Julio applies this expertise to design and manufacture filtration systems for pollution-control plants across the US.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Atlantic Shores Boulevard Roadway Improvements (Hallandale Beach, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Designer: The City of Hallandale Beach retained MARLIN 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 Complete Streets project addresses on-street parking and creates a pedestrian-friendly corridor by implementing wider sidewalks.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 845/Powerline Road from NW 30th Place to West Drive (FDOT D4)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Designer: Powerline Road is a RRR project that begins south of NW 30th Place and ends south of American Way in Broward County, Florida. The scope of work included milling and resurfacing the asphalt pavement, ADA improvements, installing pedestrian countdown signals as needed, signing and pavement markings, and drainage. Other assignments included typical section development, cross-slope analysis, field reviews, sign inventory, signing and pavement markings, and preparing the 3R report.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 710/Warfield Blvd (SA #10) (FDOT D4)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2024 (est.)	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Designer: Mayor reconstruction of SR 710/Warfield Blvd. (from 2 to 4 lanes) from FPL Access Road to Allappatah Road (SA #10) in Martin County, Florida. The scope of work includes preparing roadway, signing pavement marking and signalization plans, drainage analysis plans, utility coordination, and surveying services. Responsibilities include creating design plans using the 3D Modeling Design software.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> AES Engineering Inc.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Roadway and Traffic Designer: Proficient with FDOT FDM, FDOT Standard Plans, construction specifications, and other state and local municipalities' construction specifications and design standards. Developed and prepared contract plans, ensuring they were by all design criteria, policies, and procedures. Prepared typical section packages and utility conflict adjustment plans.		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Kimre, Inc.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Mechanical Designer/Engineer I: Responsible for the flow calculations and development and preparation of plans for mist eliminators, scrubbers, and other pollution filtration systems. He created 1000+ fabrication drawings for multiple plants nationally and internationally.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

 12. NAME Jose Ferrer, EI	13. ROLE IN THIS CONTRACT Roadway Engineer	14. YEARS OF EXPERIENCE	
		a. TOTAL 2	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION *(City and State)*
MARLIN Engineering, Inc. (Fort Lauderdale, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BS, Civil Engineering, University of Central Florida, 2018	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida EI License No. 1100025580, 2022
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Jose Ferrer is a recent graduate with two years of experience in traffic and transportation engineering and roadway design. He has been involved with typical section design, signing and pavement marking sheets, labeling cross-sections profile and plans, and QA/QC of all submittals and exhibits for roadway design. Jose is well-versed in various software design packages, including AutoCAD Civil 3D.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Atlantic Shores Boulevard Roadway Improvements (Hallandale Beach, FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Designer: The City of Hallandale Beach retained MARLIN 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 Complete Streets project addresses on-street parking and creates a pedestrian-friendly corridor by implementing wider sidewalks.	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
b.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 845/Powerline Road from NW 30th Place to West Drive (FDOT District 4, FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Designer: Powerline Road is a RRR project that begins south of NW 30th Place and ends south of American Way in Broward County, Florida. The scope of work included milling and resurfacing the asphalt pavement, ADA improvements, installing pedestrian countdown signals as needed, signing and pavement markings, and drainage. Other assignments included typical section development, cross-slope analysis, field reviews, sign inventory, signing and pavement markings, and preparing the 3R report.	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
c.	(1) TITLE AND LOCATION <i>(City and State)</i> NW 25th Street Traffic Design (Miami-Dade County, FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Designer: This project involves implementing a new lighting system to improve operations at the intersection of NW 117th Ave to NW 87th Ave in the City of Doral, Florida. The project includes signing and pavement markings, Maintenance of Traffic (MOT) analysis, lighting and signalization plans. Jose is responsible for developing Temporary Traffic Control (TTC) plans and typical sections.	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Providence Shared Use Path – Phase 1, AVCON, Inc. (Orlando, FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Transportation Intern: Assisted with design, such as drawing parts of the proposed 10-foot sidewalk, curb ramps, a ditch along the sidewalk, and driveways. Supported with the creation of the corridor and cross-sections. Developed signing and pavement marking plans. Helped with details required for the typical sections.	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>
e.	(1) TITLE AND LOCATION <i>(City and State)</i> UCF/Alafaya Pedestrian Safety, AVCON, Inc. (Orlando, FL)	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Transportation Intern: Assisted with design, such as drawing parts of the proposed 10-foot sidewalk, curb ramps, a ditch along the sidewalk, and driveways. Supported with the creation of the corridor and cross-sections. Developed signing and pavement marking plans. Helped with details required for the typical sections.	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i>

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
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21. TITLE AND LOCATION <i>(City and State)</i> Hollywood Boulevard Complete Streets <i>(Hollywood, FL)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER FDOT District 4	b. POINT OF CONTACT NAME Scott Peterson, PE	c. POINT OF CONTACT PHONE NUMBER 954.777.4416
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Located in downtown Hollywood, this project received the 2020 People's Choice Award for Best Urban Complete Streets Demonstration.

The City of Hollywood was awarded a grant for approximately \$6.8 million with the condition that the design incorporates various Complete Street elements. For this project, MARLIN used a multimodal approach to roadway planning – instead of widening the street for vehicles, they recommended improvements to create a livable community that is safe for biking, walking, and transit. The new design integrates place-making concepts that bring mixed-uses and creates a street that is safe and comfortable for children, wheelchair users, and sidewalk retailers. Improvements included:

- New paving, striping, and surface drainage configuration
- New ornamental plantings along the corridor (trees, palms, flowering shrubs, groundcover)
- New pedestrian crosswalks with center refuge median and center walkway spline, including new pedestrian scale lighting, new colored concrete walks, safer parking configuration, new five-foot wide bike lanes with buffer zone, and ADA compliant parking spaces and accessible ways

Project Costs: \$75,000.00

Construction Costs: \$6,800,000.00



RELEVANT TASKS

- COMPLETE STREETS
- ROADWAY DESIGN
- PEDESTRIAN IMPROVEMENTS
- DECORATIVE LIGHTING
- PUBLIC INVOLVEMENT

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME MARLIN	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
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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. 2
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21. TITLE AND LOCATION <i>(City and State)</i> Atlantic Shores Blvd. Roadway Improvements <i>(Hallandale Beach, FL)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Hallandale Beach	b. POINT OF CONTACT NAME Peter Kunen	c. POINT OF CONTACT PHONE NUMBER 954.457.3042
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The City of Hallandale Beach retained MARLIN to provide public outreach and concept development on design services to reconstruct Atlantic Shores Blvd., from Diplomat Parkway to US 1. Roadway improvements are intended to increase safety and improve the roadway and streetscapes on Atlantic Shores Blvd.

The existing corridor has significant drainage, parking, aesthetics, and context issues. MARLIN worked closely with City and its neighbors to develop a complete street in a residential context that has moved to design.

This is a Complete Streets Resurfacing project from SR-5/US-1 to Diplomat Parkway (.710 miles) that addresses on-street parking and creates a more pedestrian-friendly corridor by implementing wider sidewalks. Scope of work included transportation planning, milling and resurfacing, signing and pavement markings, signalization, lighting, drainage, landscape architecture, and public engagement/involvement.

The purpose of this project was to create a multimodal corridor that meets the needs of all street users (vehicular, pedestrians, bicyclists and transit patrons) also included; a raised intersection at NE 8th Ave, a mid-block crossing east of NE 10th Ave, a roundabout at NE 12th Ave, back-in angled parking and an improved streetscape west of Diplomat Parkway.

Project Costs: \$475,000.00

RELEVANT TASKS

- **TRANSPORTATION PLANNING**
- **ROADWAY DESIGN**
- **PUBLIC INVOLVEMENT**
- **COMPLETE STREETS RESURFACING**



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME MARLIN	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
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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. 3
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21. TITLE AND LOCATION <i>(City and State)</i> Johnson Street from N 35th Ave to N 14th Ave <i>(Hollywood, FL)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Hollywood	b. POINT OF CONTACT NAME Luis Lopez, PE	c. POINT OF CONTACT PHONE NUMBER (954) 602-3323
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

RELEVANT TASKS

- **LAP PROJECT**
- **ROADWAY DESIGN**
- **LIGHTING**
- **INTERSECTION IMPROVEMENTS**

This LAP-funded Grant Program project within the City of Hollywood, include new roadway corridor and intersection lighting, utility coordination, geotechnical investigation services, signing and pavement markings for bicycle usage.

A new pedestrian crossing at the south side of the roadway rail crossing at the SFRTA-Johnson Street crossing. Sidewalk construction to connect to existing sidewalk to the east and west of the railroad. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); a Level I Contamination Screening Evaluation (CSE), and Development of Construction Specifications.

Project Cost: \$300,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME MARLIN	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
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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: 24pt; font-weight: bold;">4</div>
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21. TITLE AND LOCATION <i>(City and State)</i> NW 60th Ave, from NW 139th Street to Miami Lakes Drive <i>(Miami Lakes, FL)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <div style="font-size: 18pt; font-weight: bold;">2020</div>	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Town of Miami Lakes	b. POINT OF CONTACT NAME Omar Santos Baez, PE	c. POINT OF CONTACT PHONE NUMBER (305) 364-6100 Ext 1182
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>
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MARLIN supported the Town of Miami Lakes as the Engineer of Record on the recently completed NW 60th Ave Complete Streets Project. MARLIN designed a shared-use path along NW 60th Ave, from NW 139th Street to Miami Lakes Drive. Besides, several crosswalks were intended to allow for midblock pedestrian access to both sides of NW 60th Ave. The project also included ADA enhancements. The shared-used path was designed to preserve the Town's signature oak tree canopy while using innovative pervious pavement to enhance stormwater drainage.

This project has brought several benefits to the Town, including public health, equitable travel, environmental sustainability, and community safety. *Since this is a LAP-approved project, MARLIN coordinated with FDOT to develop the NEPA documentation required for this project.*

Project Costs: \$188,698.00

RELEVANT TASKS

- **LAP PROJECT**
- **ROADWAY DESIGN**
- **COMPLETE STREETS**
- **PUBLIC INVOLVEMENT**
- **SURVEYING & MAPPING**



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME <div style="font-size: 24pt; font-weight: bold; color: #0070C0;">MARLIN</div>	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
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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. 5
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21. TITLE AND LOCATION <i>(City and State)</i> Citywide Sidewalk Improvements Phase I and II <i>(Doral, FL)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Doral	b. POINT OF CONTACT NAME Julio Amoedo, MPA, CGC, GEC	c. POINT OF CONTACT PHONE NUMBER (305) 593.6740 Ext. 6018
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MARLIN has provided the City of Doral with professional services for the design and implementation of a citywide sidewalk improvement and connectivity project.

Under this contract MARLIN provided roadway design, signing and pavement markings, traffic control, drainage analysis, permitting, utility coordination, survey, and construction cost estimates for 10 corridors throughout the City:

- **NW 115 Ave: from NW 34 Street – NW 41 Street**
- **NW 39 Street: from NW 115 Ave – NW 114 Ave**
- **NW 114 Ave: from NW 39 Street going 188 ft North**
- **NW 33 Street: from NW 112 Ave – NW 107 Ave**
- **NW 33 Street: from NW 105 Ave – NW 97 Ave**
- **NW 19 Street: from NW 107 Ave – NW 97 Ave**
- **NW 102 Ave: from NW 15 Terr – NW 25 Street**
- **NW 84 Ave: from Train Tracks to NW 13 Street**
- **NW 30 Terr: from NW 87 Ave – NW 84 Ave**
- **NW 33 Street: from NW 87 Ave – NW 82 Ave**

The construction of this project used LAP funding administered through FDOT District 6. MARLIN proactively coordinated with FDOT and documenting all impacts of the proposed project through the NEPA process. All impacts were categorized in accordance with a Class of Action determined by FHWA or FDOT during the NEPA process. The level of documentation required was in accordance with the FDOT PD&E Manual. The NEPA process occurred concurrent to the design activities and was concluded prior to 100% submittal.

Project Costs: \$169,483.96



RELEVANT TASKS

- **LAP PROJECT**
- **ROADWAY DESIGN**
- **DRAINAGE**
- **PERMITTING**
- **TRAFFIC ENG.**
- **ADA COMPLIANCE**
- **SIGNING & PAVEMENT MARKING**
- **SURVEYING & MAPPING**

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME MARLIN	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
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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. 6
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21. TITLE AND LOCATION (<i>City and State</i>) Miramar Complete Streets Phase III LAP (Miramar, FL)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Miramar	b. POINT OF CONTACT NAME DuSean Grant	c. POINT OF CONTACT PHONE NUMBER (954) 602-3318
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and cost*)

RELEVANT TASKS

- **LAP PROJECT**
- **ROADWAY DESIGN**
- **COMPLETE STREETS**
- **DRAINAGE IMPROVEMENTS**

This LAP-funded Grant Program project within the City of Miramar include milling and resurfacing of the roadway, minor widening to provide bicycle lanes, signing and pavement markings improvements, utility coordination, the construction of new sidewalk, ADA ramps at street intersections, storm drainage improvements, and pedestrian level lighting along the streets within the project area—approximately 12,500 linear feet of 5-foot sidewalk along SW 62nd Ave and SR 7.

The design includes the reconstruction of residential driveways and swales regrading along the proposed sidewalk limits. Provide compliance documents as part of the National Environmental Policy Act (NEPA), including a Categorical Exclusion (CE) Type I checklist, Cultural Resources Assessment Survey (CRAS), Natural Resources Assessment (including Bonneted Bat Roost Survey); and a Level I Contamination Screening Evaluation (CSE). Development of construction Specifications.

Project Cost: \$455,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME MARLIN	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
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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) Post-Design Services for West Lakes Drainage and Roadway Improvements (Miami Lakes, FL)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Town of Miami Lakes	b. POINT OF CONTACT NAME Omar Santos Baez, PE	c. POINT OF CONTACT PHONE NUMBER (305) 364-6100 Ext 1182
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

RELEVANT TASKS

- DRAINAGE IMPROVEMENTS**
- ROADWAY DESIGN**
- POST DESIGN SERVICES**

This project consisted of drainage improvements, including the replacement of existing catch basins, the addition of manholes, new pipes, and French Drains, milling and resurfacing pavement restoration of roadway, and replacement of existing signing and pavement markings.

Post-Design services included pre-construction meetings, responding to Requests for Information, change order requests, reviews of shop drawings, design revisions, as-built reviews, and field meetings.

Project Cost: \$7000.00



TOWN OF MIAMI LAKES
WEST LAKES
DRAINAGE IMPROVEMENTS
SUB-BASINS B, C, D AND E

UTILITY PROVIDERS

MIAMI DADE
WATER & SEWER: Miami-Dade Water & Sewer Department
POWER: Florida Power and Light
TELEPHONE: AT&T Distribution

STORM DRAINAGE PERMITTING: Miami-Dade County Department of Environmental Resources Management
GAS: Florida City Gas

DESIGN TEAM
CIVIL ENGINEER: Matal Engineering, Inc.
SURVEYOR: Matal Engineering, Inc.

OWNER: Town of Miami Lakes
GEOTECHNICAL ENGINEER: Oscar Riquelme, P.E.

COMMUNITY OFFICIALS
Manny Cid, Mayor
Nelson Rodriguez, Vice-Mayor
Luis Collazo, Councilmember
Marilyn Ruano, Councilmember
Jeffrey Rodriguez, Councilmember
Josh Dieguez, Councilmember
Carlos O. Alvarez, Councilmember
Edward Piderman, Town Manager

INDEX OF SHEETS

SHEET #	SHEET TITLE
C-100	COVER SHEET
C-200 TO C-201	GENERAL NOTES AND TABULATION OF QUANTITIES
C-300	PROJECT LAYOUT
C-301 TO C-306	DRAINAGE PLAN, ROADWAY AND DRAINAGE DETAILS
C-400 TO C-405	PAVING PLAN, SIGNING AND PAVEMENT MARKING PLAN
C-600	TRAFFIC CONTROL PLAN
C-700	GENERAL NOTES
C-701 TO C-706	EROSION AND SEDIMENT CONTROL PLAN
C-707	EROSION AND SEDIMENT CONTROL DETAIL

Digitally signed by Jose L. Santiago
Date: 2021.02.25 14:28:00 -0500
www.811.com

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME MARLIN	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
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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. 8
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21. TITLE AND LOCATION <i>(City and State)</i> Multimodal Transportation Analysis of Young Circle Re-Design <i>(Hollywood, FL)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Hollywood CRA	b. POINT OF CONTACT NAME Susan Goldberg	c. POINT OF CONTACT PHONE NUMBER (954) 924-2980
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

MARLIN is the prime consultant contracted with the City of Hollywood Community Redevelopment Agency (CRA) for the analysis of a redesign of the iconic Downtown Hollywood Young Circle. The Circle is a 1,000-foot wide traffic circle and is a popular recreational and cultural destination for residents and tourists.

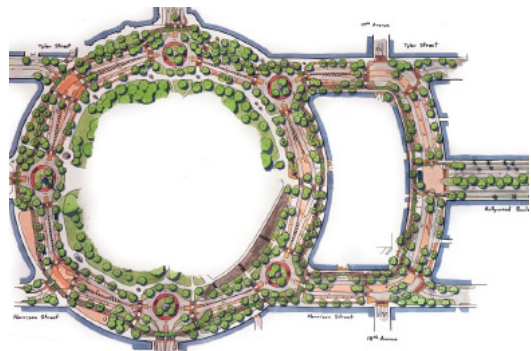
Young Circle serves all modes of transportation including autos, pedestrians, bicycles, and transit vehicles. Young Circle serves more than 40,000 motorized vehicles per day, five Broward County Transit bus routes, and two Hollywood Trolleys. Traffic congestion, pedestrian activity, and bus passenger transfers are significant 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 or a traffic circle using roundabouts for access and egress.

MARLIN has performed 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. MARLIN is now performing major traffic engineering and simulation efforts to analyze existing, 2030, and 2040 scenarios utilizing Synchro, Sidra, and VISSIM models to further define the current concept. The project is quite complex as MARLIN will be projecting traffic from a one-way traffic flow to a two-way flow with no traffic signals. The models will be validated utilizing travel time data from the Bluetooth data collection effort and documentation of maximum queues.

Project Costs: \$1,000,000.00
 Construction Costs: N/A

RELEVANT TASKS

- ROADWAY DESIGN
- TRANSPORTATION PLANNING
- TRAFFIC ENGINEERING
- MULTIMODAL DATA COLLECTION



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a. (1) FIRM NAME 	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
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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. 9
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21. TITLE AND LOCATION <i>(City and State)</i> SR 7/US 441 Transit Corridor Improvements <i>(Broward County, FL)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing (2024 est.)	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER FDOT District 4	b. POINT OF CONTACT NAME Robert Lopes	c. POINT OF CONTACT PHONE NUMBER (954) 777-4425
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The FDOT tasked MARLIN to provide multimodal connectivity, operations, and safety improvements along nine distinct corridors that connect to SR 7 in Broward County. Improvements will include widening the roads and completing sidewalk links, constructing bike lanes, lane eliminations, ADA upgrades, and transit stop enhancements.

This contract will encompass a comprehensive public outreach program, with efforts spanning communities in North Lauderdale, Margate, Pompano Beach, Lauderdale Lakes, Lauderhill, Pembroke Pines, and Miramar.

Contract Limit: \$1,951,757.32
Construction Costs: N/A

RELEVANT TASKS

- **ROADWAY DESIGN**
- **SAFETY IMPROVEMENTS**
- **SURVEYING & MAPPING**



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME MARLIN	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
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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. 10
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21. TITLE AND LOCATION <i>(City and State)</i> NE 15th Ave Lane Repurposing <i>(Fort Lauderdale, FL)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Karen Warfel	c. POINT OF CONTACT PHONE NUMBER (954) 828-3798
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

RELEVANT TASKS

- **CONCEPTUAL DEISGN**
- **COMPLETE STREETS**
- **TRAFFIC ENGINEERING**
- **TRANSPORTATION PLANNING**

The City of Fort Lauderdale tasked MARLIN to provide plan documents to allow the City to repurpose the outside lanes on NE 15th Ave from Sunrise Blvd. to the north of 13th Ave to buffered/protected bicycle lanes. These plans included harmonization with the bike lanes north of NE 13th Ave, at least one location for a median neighborhood entry sign, bike boxes, opportunities to locate protective planters, and two midblock crossing locations.

The FDOT also tasked MARLIN with analyzing the NE 11th Street/NE 15th Ave intersection and the proposed safety improvements at the Publix/Walgreens/NE 15th Ave access points. This analysis showed the impacts of safety/traffic calming on 15th Ave from Sunrise Blvd. to 11th Street to the Sunrise Blvd./NE 15th Ave intersection. The analysis included two alternatives for the Publix/Walgreens intersection, including MARLIN's short-term alternative and the Lake Ridge Neighborhood's proposed relocation of the Walgreens Driveway.

Project Costs: \$28,145.69



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME MARLIN	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime Consultant
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G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL <i>(From Section E, Block 12)</i>	27. ROLE IN THIS CONTRACT <i>(From Section E, Block 13)</i>	28. EXAMPLE PROJECTS LISTED IN SECTION F <i>(Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)</i>									
		1	2	3	4	5	6	7	8	9	10
Ramon Soria, PE	Principal in Charge										
Betsy Jeffers, PE	Chief Engineer										
Richard Creed, PE	QA/QC Officer										
Armando Aguiar, PE	Sr. Roadway Engineer										
Aysel Freda, PE	Roadway Design Engineer										
Rafael Lagos, PE	Chief Engineer										
Yenny Soca, PE	Highway/Roadway Engineer										
Yaromil Santos, PE	Roadway Engineer										
Yanin Anton, EI	Roadway Engineer										
Myra Patino, PE, PMP	Traffic Engineer Manager										
Walter Keller, PE, AICP	Sr. Traffic Engineer										
Muhammed Khan, PE, PTOE, PTP	QA/QC Officer										
Eva Marin, EIT, PMP	Traffic Engineer										
Ashok Sampath	Traffic Analyst										
D'jodens Conserve	Traffic Engineer Technician										
Jeff Weidner, MSP	Chief Planner										
Christina Fermin, AICP	Planning Manager										
Kathryn Marinace	Strategic Planner										
Laura Postarini	Sr. Planner										
Eric Katz, AICP, PMP	Director of Mobility Programs and Projects										
Jorge Padron	Sr. Public Involvement Officer										
Harold Pantaleon	Sr. Engineering Technician/Tech & Innov. Manager										
Spencer Mcknight	Engineering Technician										
Kevin Beck, PSM	Chief Surveyor										
Berardo Gomez	Surveyor Technician										
Michael Wachter	Land Surveyor in Training										

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>	NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>
1	Hollywood Boulevard Complete Streets - Hollywood, FL	6	Miramar Complete Streets Phase III LAP - Miramar, FL
2	Atlantic Shores Blvd. Roadway Improvements - Hallandale Beach, FL	7	Post-Design Services for West Lakes Drainage and Roadway Improvements - Miami Lakes, FL
3	Johnson Street from N 35th Ave to N 14th Ave - Hollywood, FL	8	Multimodal Transportation Analysis of Young Circle Re-Design - Hollywood, FL
4	NW 60th Ave, from NW 139th Street to Miami Lakes Drive Miami Lakes, FL	9	SR 7/US 441 Transit Corridor Improvements, Broward County, FL - FDOT D4
5	Citywide Sidewalk Improvements Phase I and II - Doral, FL	10	NE 15th Ave Lane Repurposing - 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 Electronic Request for Proposals (E-RFP Number: 20230087) for Professional Design Engineering Continuing Services with a diverse team of experts to continue serving the City of Port St. Lucie. Our team is available and committed to providing rapid, high-quality responses to all work assignments under this contract. We are eager to demonstrate our capabilities and look forward to exceeding your expectations.

THE MARLIN ADVANTAGE



EXTENSIVE EXPERIENCE WORKING IN THE TREASURE COAST

MARLIN is currently working on projects in the City of Port St. Lucie, St. Lucie County, the Martin County MPO, and FDOT District 4. We are a local multifaceted firm specializing in providing engineering design, planning, traffic engineering, surveying, and construction services.



COLLABORATION

We will work with the City to identify the specific needs of its communities. MARLIN will engage with the public and key stakeholders, identifying their needs and concerns to build consensus on any conceptual design.



AVAILABILITY

MARLIN has available staff and resources to implement projects on time and under budget. We are local, available, and understand the City's mission, goals, and objectives.



QUALITY

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



COMMITMENT

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

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

9/27/2023

33. NAME AND TITLE

Ramon Soria, PE - President & CEO

ARCHITECT-ENGINEER QUALIFICATIONS	1. SOLICITATION NUMBER (If any) <p style="text-align: center;">E-RFP Number: 20230087</p>
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PART II - GENERAL QUALIFICATIONS <i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>
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2a. FIRM (or Branch Office) NAME MARLIN Engineering, Inc.			3. YEAR ESTABLISHED 1991	4. UNIQUE ENTITY IDENTIFIER DUNS 80-0046054
2b. STREET 10415 Riverside Drive, Suite 101			5. OWNERSHIP	
2c. CITY Palm Beach Gardens	2d. STATE FL	2e. ZIP CODE 33410	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Betsy Jeffers, PE Project Manager			b. SMALL BUSINESS STATUS N/A	
6b. TELEPHONE NUMBER 561.229.0239			6c. E-MAIL ADDRESS bjeffers@marlinengineering.com	
			7. NAME OF FIRM (If Block 2A is a Branch Office) N/A	

8a. FORMER FIRM NAME(S) (If any) N/A	8b. YEAR ESTABLISHED N/A	8a. UNIQUE ENTITY IDENTIFIER N/A
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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	16		A06	Airports	2
08	CADD Technician	2		B02	Bridges	6
12	Civil Engineer	6		C15	Construction Management	5
14	Computer Programmer	1		C16	Construction Surveying	5
15	Construction Inspector	3		D04	Design-Build Preparation of RFPs	2
24	Environmental Scientist	1		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	9		H07	Highways; Streets; Airfields; Parking Lots	7
48	Project Manager	6		I06	Irrigation; Drainage	5
57	Structural Engineer	7		L02	Land Surveying	5
58	Technician/Analyst	29		L06	Mapping Location/Addressing Systems	5
60	Transportation Engineer	3		P05	Planning (Community, Regional, Areawide)	6
				R03	Railroad; Rapid Transit	6
	Other Employees			R06	Building, Structures, Facilities	4
	Bridge Inspectors	24		S09	Structural Design; Special Structures	4
	Rail Specialists	2		S10	Surveying; Platting; Mapping; Flood Plain	5
				T03	Traffic & Transportation Engineering	7
				T04	Topographic Surveying & Mapping	5
				U02	Urban Renewals; Community Development	5
Total		112				

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

12. AUTHORIZED REPRESENTATIVE <i>The foregoing is a statement of facts.</i>	
a. SIGNATURE 	b. DATE 9/27/2023
c. NAME AND TITLE Ramon Soria, PE - President & CEO	

SUBCONSULTANTS

MARLIN understands that meeting the wide range of assignments identified in the scope will require a team capable of delivering technical and specific engineering and planning expertise. Our team provides depth and breadth of services to cover every aspect of your scope of services. Below, please find a comprehensive list of our **subconsultants** for this contract



ALLBRIGHT ENGINEERING, INC **DRAINAGE AND ANALYSIS SUPPORT.**

AllBright Engineering Inc. (d.b.a. Snubbs Consulting Inc.), founded in 2012, is a multi-disciplinary consulting engineering firm based in South Florida. They specialize in Roadway Design, Transportation Planning, Traffic Engineering, Lighting Design, Water Resources and Wastewater Disposal. Certified as both SBE and DBE, AllBright proudly boasts several highly qualified civil engineers considered experts in their field. AllBright consistently surpasses their clients' expectations for quality engineering and service.



ASA CONSULTANTS, INC **STRUCTURE AND ANALYSIS**

ASA Consultants, Inc. offers a full complement of consulting engineering services. Specializing in all facets of the Highway and Structural engineering, we are organized in distinct service niches that include minor, major, and complex roadway design, miscellaneous structures, minor and major bridge design, conventional bridge inspection, bridge load rating, and signing, pavement marking, and channelization. Based in Broward County, ASA has worked exclusively in south Florida, primarily with FDOT Districts 4 and 6. In addition, ASA has served as Staff Augmentation for FDOT D4 for over 2 years. ASA staff has been involved in multiple design project in St. Lucie County such as FM no.230368-1 (SR5/ US1 over FEC RR/ Old Dixie Highway)



GEOSOL, INC **GEOTECHNICAL ENGINEERING**

Geosol, Inc. (GEOSOL), is a small professional firm that was established in April of 2000. GEOSOL is certified as a Small Business Enterprise (SBE) and Disadvantaged Business Enterprise (DBE) by FDOT and qualified under FDOT's Work Groups 9.1, 9.2, 9.4.1 and 9.4.2. The firm is based in Miami Lakes provides geotechnical engineering and testing services and since its inception has grown from 2 to 15 employees, consisting of registered engineers, engineering interns, senior geotechnical technicians, laboratory technician and draftsman. Mr. Oracio Riccobono, P.E., is the lead Geotechnical Engineer of the firm and Chief Engineer. Mr. Riccobono, P.E., has over 36 years of geotechnical experience working with all kinds of transportation modes during preliminary and final design projects for various FDOT districts. He is fully aware of the geotechnical conditions of Saint Lucie County. He has been Geotechnical Engineer of Record (GEOR) for many FDOT D4 projects



MILLER LEGG & ASSOCIATES, INC. **LANDSCAPE ARCHITECTURE**

Established in 1965, Miller Legg is a statewide award-winning consulting firm that brings together the elements of landscape architecture and urban design, environmental wetlands consulting, geographic information systems, civil engineering, planning and surveying. Client sectors include municipal and county government such as transportation, aviation, parks and recreation, healthcare, education, federal and international. This offers clients a firm of seasoned professionals who are leaders in the South Florida consulting industry. Miller Legg employs a staff of 54 professionals and technicians and is a wholly owned Corporation by its employees. The firm has three locations in

Fort Lauderdale, Doral, and Port St. Lucie. Miller Legg has been working successfully with Broward County for more than 25 years as both a prime and a subconsultant on significant environmental projects including the Fort Lauderdale/Hollywood International Airport (FLL) South Runway Expansion and West Lake Park Restoration including necessary mitigation for the Port Everglades and Fort Lauderdale-Hollywood International Airport expansion projects.



RITZEL-MASON, INC.

SURVEYING AND MAPPING/SUE ENVIRONMENTAL PERMITS AND CLEARANCES

Ritzel-Mason is a Palm Beach County based professional services company offering a wide range of survey and mapping solutions. They bring to the table a collective 55 years in employee experience. They are laser focused on asking the right questions, understanding the results and taking action to getting it right the first time. They specialize in most survey and mapping services, including but not limited to: subsurface utility engineering (SUE), topographic, boundary, right-of-way mapping, historic baseline establishment, drone photography, construction layout, laser scanning and conventional and GPS surveying.



TERRACON CONSULTANTS INC

ENVIRONMENTAL PERMITS AND CLEARANCES

Terracon has over three decades of experience in all of the local geologic settings of the City of Port St. Lucie and surrounding areas in St. Lucie County, Florida. In fact, the firm started providing testing services in the local area in 1994. Our project experience is extensive and varied, including utilities, buildings, roads, bridges, parks, and large parcels of land for potential development. We are experienced in both public and private sector work and the typical specifications and construction methods for these project types in this geographic area.



E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Aylin Costa Napoles, PE	13. ROLE IN THIS CONTRACT Key Lead	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION <i>(City and State)</i> AllBright Engineering Inc., Pembroke Pines, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science, Civil Engineering, Florida International University, 2005.		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida Board Professional Engineer Lic. No.:69865 Issued:06/26/2009	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. Districtwide Drainage Studies and Environmental Permitting, FDOT, District 4, Fort Lauderdale, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Multiple drainage and permitting task work that involved all aspects of drainage analysis, design, and permitting for projects throughout the District.	XXXX	XXXX
b. Studies and Environmental Permitting Contract, FDOT District 4, Hollywood, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Served on a second consecutive 5-year contract as GEC performing a wide range of services involving all aspects of drainage design and environmental permitting. Provided services related to drainage inquiries, drainage connection permits, drainage surplus requests, drainage plans review, environmental permit extensions and file maintenance, and mitigation design.	XXXX	XXXX
c. CR 510 from CR 512 to 82nd Avenue, Indian River County, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for the 405606-7 and 405606-8 Projects. Total reconstruction of CR510 was proposed to upgrade it from a two-lane undivided roadway to four-lane median divided facility. Extensive coordination for this project is underway with Sebastian River Improvement District and Indian River Farms Water Control District to develop a storm water management system that met local drainage requirements while minimizing impacts to adjacent property owners.	2023-present	XXXX
d. I-95 at Oslo Road Interchange, FDOT District 4, Indian River County, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Drainage EOR. Served as a major subconsultant for the design of a new partial cloverleaf interchange at I-95 and Oslo Road (CR 606), including realignment of local roads along 82nd Avenue and 86th Avenue. Managed all drainage, signalization, and ITS analysis, and design, as well as environmental permitting activities.	xxxx	XXXX
e. General Engineering Consultant, Broward County, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Project Manager. This contract provide Broward County Highway Construction and Engineering Division with a variety of professional engineering services through multiple, and simultaneous, Task Work Order (TWO) assignments involving engineering design, management, and construction engineering inspection services for transportation and general civil engineering projects.	xxxx	XXXX

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Tomas A. Ruiz, PE	13. ROLE IN THIS CONTRACT Drainage/Permitting Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 11

15. FIRM NAME AND LOCATION *(City and State)*
AllBright Engineering Inc., Pembroke Pines, Florida

16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science,Civil Engineering, Florida International University, 2004	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida Board Professional Engineer Lic. No.:69213 Issued:01/29/2009
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Green Building Certification Institute, Leadership in Energy and Environmental Design; LEED AP
ASFPM Certified Floodplain Manager, Board of Regents, United States; CFM

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> CR-510 (85th ST) From West of 82nd Avenue to 58th Avenue Indian River County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018-Present	CONSTRUCTION <i>(If applicable)</i> XXXX

a. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Drainage Engineer of Record in charge of pond siting coordination and developing the drainage report for thid 5.3- miles Project Development and Environment Study PD&E). Cr 510 is an Urban Principal Arterial and is critical in facilitating the west-east movement of traffic in Indian River County as it connects Interstate 95 (I-95) to State Road A1A. He designed the conceptual drainage system to leverage property already owned by Indian River County.

(1) TITLE AND LOCATION <i>(City and State)</i> I-395 From SR 836 Interchange to MacArtur Causeway, Miami-Dade County,FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018-Present	CONSTRUCTION <i>(If applicable)</i> XXXX

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Engineer of record responsible for the final Design of this project's stormwater management system. This 1.4 miles long project includes a complete reconstruction of I-395 tp provide additional capacity with a total of three through lanes in each direction and separate connector ramps for traffic to and from I-95.

(1) TITLE AND LOCATION <i>(City and State)</i> SR-80 From West of Lion Country Safari to Forest Hill Blvd. (Palm Beach County, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012-2015	CONSTRUCTION <i>(If applicable)</i> XXXX

c. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Drainage Engineer in charge of pond siting coordination and developing the drainage report for this 7.2-mile final design project. Mr. Ruiz led the Pond Siting Team, which consisted of experts from Legal, Maintenance, Construction, Right of Way, Roadway, Environmental, Cultural Resources, and Drainage.

(1) TITLE AND LOCATION <i>(City and State)</i> Golden Glades Interchange (SR 826 EB to I-95 NB), Miami-Dade County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016-2018	CONSTRUCTION <i>(If applicable)</i> XXXX

d. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Drainage Engineer of Record for this final design project. The drainage design is developed based on an ultimate buil-uot concept of the interchange that will allow the stormwater management to be constructed in phases along with the roadway improvements. This scalable design approach uses off-site right of way for treatment ponds. The proposed stormwater management system is designed to avoid propagating contaminated groundwater from a nervy Superfund site.

(1) TITLE AND LOCATION <i>(City and State)</i> I-95 Bridge Deck Replacement , (St Lucie County, FL)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015-2016	CONSTRUCTION <i>(If applicable)</i> XXXX

e. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Engineer of Record responsible for the SWPPP and temporary drainage for this project. Temporary drainage required elimination of shouldres across existing bridges for the phased replacement of the bridge's decks. As such, allowable spread was reduced to minimal widths requiring a system of closely spaced temporary bridge scuppers, along with their pipe collection and discharge network.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Fernando V. Gomez, PE	13. ROLE IN THIS CONTRACT Roadway Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 36	b. WITH CURRENT FIRM 10

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

16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science, Civil Engineering, University of Miami, FL, 1986	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida Board Professional Engineer Lic. No.: 43956 Issued: 03/15/1991
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Bachelor of Science, Architectural Engineering,
University of Miami, 1986

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
SR-714 Martin Hwy from E of Stuart W Blvd to W of Citrus Blvd, Martin County, FL	2023-Present	xxxx
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Mr. Gomez is serving as the project manager for this 3.6 mile RRR project with minor widening to add a left turn lane. The project is mostly a 2 lane 2-way undivided facility with flush shoulders. As part of the design process the shoulders are being widened to 7-foot paved (from 4-foot). The shoulder includes 1-foot unpaved for a total shoulder width of 8 feet.		
Savannas Preserve State Park SUNTrail Gap, St. Lucie County, FL.	2018-Present	xxxx
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Mr. Gomez served as Project Manager and Engineer of Record for this 11-mile shared use nonmotorized (SUN) trail within the state park. the proposed trail route has over 3,00 linear feet of proposed boardwalk to minimize impacts to the wetlands. Mr. Gomez managed 7 subconsultants and coordinated with over 10 differnt agencies.		
SR-976 /SW 40th St / Bird Road from E of SW 87th Ave to W of SE-826, Miami-Dade, FL	2021-Present	xxxx
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Mr. Gomez served as the Project Manager for this 0.9 mile RRR project with minor reconstruction to remove concrete pavement in disrepair. The scope also includes Signing & Pavement markings and Signalization design of 4 intersections.		
SR- A1A from Linton Blvd to E. Atlantic Ave, Palm Beach County, FL	2022-Present	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Mr. Gomez served as the Project Manager for this 1.6 mile RRR project in Delray Beach, FLorida. The project was mostly a 2 lane 2-way undivided facility with bike lanes on flush shoulders. The northern 1/2 mile had curb and gutter as well on street parking along the northbound lane.		
SR-844/ NE 14th Street from US-1 to SR-A1A, Broward Conty, FL	2022-Present	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. Mr. Gomez served as the Project Manger for this 0.9 mile RRR project in Pompano Beach, Florida. The project was a 6 lane divided facility with bike lanes. There was an exception at the bascule bridge over the Intercoastal Waterway.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Erik E. Salgado, PE	13. ROLE IN THIS CONTRACT Roadway Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 6

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

16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science, Civil Engineering University of Havana, Cuba 2002	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Florida Board Professional Engineering Lic. No.: 72583 Issued: February, 2011
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. SR-844/NE 14th St. from SR-5/ US to SR-A1A, Broward County, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Salgado served as the Roadway and Lighting Engineer of Record for this 0.9 mile RRR project in Pompano Beach, FL. Projects include resurfacing, safety improvements, ADA, pedestrian signal improvements, midblock crossing upgrades, lighting retrofits, public involvement.	2022-Present	
<input checked="" type="checkbox"/> Check if project performed with current firm		
b. SR-976/SW 40 ST/Bird Road from E of SW 87 Ave to W of SR 826, Miami-Dade County, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project includes roadway design, signing and pavement marking design and signalization. Mr. Gomez served as the Roadway Engineer of record as well as the deputy PM.	2021-Present	xxxx
<input checked="" type="checkbox"/> Check if project performed with current firm		
c. SR-848/Stirling Road at North Park Road/33rd, Broward County, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project includes roadway design, signing and pavement marking design, signalization design and lighting design for this intersection. Mr. Salgado served as the Roadway and Lighting Engineer of Record as well as the deputy PM.	2020-2022	xxxx
<input checked="" type="checkbox"/> Check if project performed with current firm		
d. SR-822/Sheridan Street Resurfacing from N 22nd Ave to SR-5/Federal Highway, Broward County, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project includes signalization and lighting improvements at two intersections. In addition, project includes replacement of vehicle detector loops at a TMS site. Mr. Salgado served as the Lighting Engineer of record as well as the QA/QC reviewer for all disciplines.	2019-2021	xxxx
<input checked="" type="checkbox"/> Check if project performed with current firm		
e. SR-820/ Hollywood Blvd. at I-95 Interchange and S 28th Ave, Broward County, FL (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project includes signalization and lighting improvements at two intersections. Mr. Salgado served as the Lighting Engineer of Record as well as the QA/QC reviewer for all disciplines.	2019-2022	xxxx
<input checked="" type="checkbox"/> Check if project performed with current firm		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i> General Engineering Services Contract, Broward County, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021-Ongoing	CONSTRUCTION <i>(If applicable)</i>

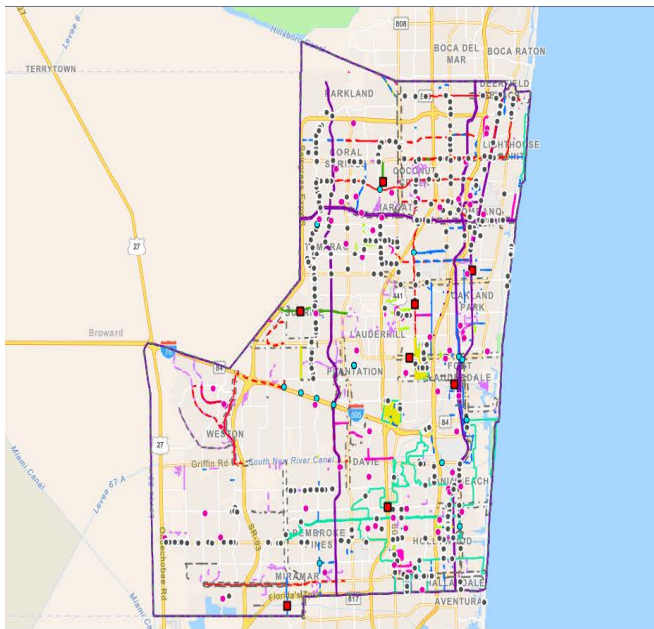
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Broward County, Highway Construction	b. POINT OF CONTACT NAME Mayra Manrique, Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER (954) 577-4580
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This contract provides Broward County Highway Construction and Engineering Division with a variety of professional engineering services through multiple, and sometimes simultaneous, work authorization assignments involving engineering design, management, and construction engineering inspection services for transportation and general civil engineering projects.

The work authorizations assigned to Snubbs to date have included production of a complete set of contract plans or component sets (i.e. roadway, MOT, drainage, structures, S&PM, signalization, ITS, lighting, an utility coordination) in support of the Broward County Mobility Enhancement Program. Projects assigned to date include reconstruction or rehabilitation of county roadways, complete streets improvements, traffic signal intersections and pedestrian crossings, safety and operations improvements. Aylin Costa, PE our newest Partner managed this GEC contract from execution in 2018 to 2023. The overall contract included over 40 work authorizations, ranging in size and complexity with an aggregate budget of over \$7 million in 5 years.



Task work order based contract, active 2021 to Present.

Various task work orders completed using County Catalog Contractors and Design Build contracts ranging between \$150,000 to over \$22 Million, all completed within budget and schedule assuming a 5% contingency.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME AllBright Engineering Inc.	(2) FIRM LOCATION <i>(City and State)</i> Pembroke Pines, FL	(3) ROLE Subconsultant
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

12. NAME Soheila Sadough, P.E.	13. ROLE IN THIS CONTRACT Lead Miscellaneous Structures	14. YEARS OF EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION *(City and State)*
ASA CONSULTANTS, INC.

16. EDUCATION <i>(Degree and Specialization)</i> PhD, University of Miami, 1988 M.S.C.E, University of Alabama, 1983 B.S.C.E. University of Alabama. 1981	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineer #44130 - State of Florida
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Soheila's experience ranges the full spectrum of civil engineering. Her structures related experiences ranges from curved structural steel to precast post-tensioned concrete members. Her significant design contributions have encompassed all project phases, from preliminary design and Bridge Development Reports to final design, peer review, value engineering, and post design services. In addition, Ms. Sadough has served in the role of Project Manager/EOR for a multitude of high profile FDOT projects requiring the full gamut of considerations ranging from Major Highway/Interchange Design Projects to bridges over railroads, airports, and major Florida waterways. Soheila's comprehensive knowledge of FDOT design guidelines, criteria, and policies will minimize District staff review efforts.

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> SR9/ I-95 3C Design-Build Project, Broward County, FDOT D4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This Design-Build project with Archer Western & Demoya provides access from I-595 to I-95 express lanes. ASA as subconsultant to BCC is Structures EOR for five Bridges within I-95/ SR 84 Interchange. Contact: Bob Forand PE, BCC, 954-928-1828		

b.	(1) TITLE AND LOCATION <i>(City and State)</i> Golden Gates 8th Street NE, FDOT D1	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017-2018	CONSTRUCTION <i>(if applicable)</i> 2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm ASA was the prime on this DB with Bergeron. This project involves widening the existing road and a new bridge over the cypress canal. Design and construction plans for bridge & 3 miles of Roadway widening. Soheila was PM & EOR for the bridge.		

c.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 9/I-95 Spanish River Blvd. Interchange Improvements Design-Build Project FDOT D4	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(if applicable)</i> 2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This Design-Build project with Astaldi Construction provide access to and from NB and SB I- 95 as well as Yamato Road to Spanish River Boulevard which will improve access to FAU campus and relieve traffic on the adjacent Glades Road & Congress Avenue Interchanges. The project requires extensive coordination with FAA, CSX and other local agencies. Soheila is Structures EOR & Project Manager responsible for all design and coordination with FDOT and the contractor during the various phases of plans preparation and construction support services during construction.		

d.	(1) TITLE AND LOCATION <i>(City and State)</i> GEC Contract, Broward County, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm ASA Consultants is sub-consultant to RS&H providing roadway & structures support. Soheilais is currently serving as project manager on this GEC contract.		

e.	(1) TITLE AND LOCATION <i>(City and State)</i> SR9/I-95 Palm Beach International Airport Interchange (City, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2002	CONSTRUCTION <i>(if applicable)</i> 2005
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Soheilais was the Structural Project Manager responsible for all design aspects and construction support of a fourlevel interchange with eight precast concrete segmental box girder bridges and six steel plate girder bridges over I-95 & CSX Railroad.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

12. NAME Carlos M. Rodriguez, P.E.	13. ROLE IN THIS CONTRACT Miscellaneous Structures	14. YEARS OF EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION *(City and State)*
ASA CONSULTANTS, INC.

16. EDUCATION <i>(Degree and Specialization)</i> M.S.C.E., Florida International University (2012) B.S.C.E., Florida International University (2011)	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineer #79134 - State of Florida
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
With 10 years of experience in many areas of Civil Engineering, he is a multifaceted individual with experience working with the public sector on major FDOT projects and private sector projects in Florida. His responsibilities include design, project Coordination & Management, and preparation of construction documents for roadway and bridge projects. His highway design experience includes roadway geometry, signing and pavement marking, and signalization. His structures design experience encompasses both minor and major bridge structures as well as miscellaneous structures. He has served as a Deputy Project Manager/project coordinator on numerous projects. Mr. Rodriguez has also served in-house at District 4 as an FDOT PM (CM- Section 5). In that capacity, Mr. Rodriguez managed and was actively involved in over 10 projects. These included SR 714, D4's first S.W.A.T project (FM 436870-1), and the Henry Kinney Tunnel Rehabilitation project (FM 439714-1).

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	SR 934 at SR 5 Safety Project, FDOT D6	2018	2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ASA is the prime consultant on this TWO which involved the reconfiguration of the west leg of the intersection, Milling & Resurfacing, and a new signal. Carlos was the Roadway & Signing and Pavement Marking EOR for the project.		
b.	SR 5 at SW 112 Safety Project, FDOT D6	2019	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ASA is the prime consultant on this TWO which involved widening for an additional left turn lane, lane reconfigurations, Milling & Resurfacing, and a new signal. Carlos was the Roadway & Signing and Pavement Marking EOR for the project.		
c.	SR 5 at Burton Dr Project FDOT D6	2019	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ASA is the prime consultant on this TWO which the reconfiguration of the intersection, widening, Milling & Resurfacing, and signing and pavement marking Carlos was the Roadway & Signing and Pavement Marking EOR for the project.		
d.	SR 9/I-95 Spanish River Blvd. Interchange Project, FDOT D4	2016	2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This project provides access to and from I-95 as well as Yamato Rd to Spanish River Blvd, improving access to FAU and the adjacent Glades Road & Congress Avenue Interchanges. The project requires extensive coordination with FAA, SFRTA and other local agencies. Carlos serves as a Deputy PM/Project Engineer, responsible for assisting in all aspects of the design, coordination, and management. Among his many responsibilities were the analysis and design of all the misc. structures and assisting in the design of 4 bridges. .		
e.	SR 858, Broward County FDOT D4	2014	2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This project involves milling, resurfacing, widening and the addition of drainage structures along SR 858. Carlos' responsibilities included Temporary Sheet Pile design which included analyzing the active and passive soil pressures as well as the traffic surcharges to determine the minimum tip elevations for the wall and whether we needed to use a cantilever or anchored wall. Once this was determined, a shoring program was used to design the sheet piles section modulus and moment of inertia.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person)

12. NAME Raul Amaya, P.E.	13. ROLE IN THIS CONTRACT Miscellaneous Structures	14. YEARS OF EXPERIENCE	
		a. TOTAL 33	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION <i>(City and State)</i> ASA CONSULTANTS, INC.			
16. EDUCATION <i>(Degree and Specialization)</i> B.S.C.E, University of Miami, 1980		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineer #38523 - State of Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Raul has over 33 years of experience in highway bridge design. He has extensive experience working with the public sector on major FDOT projects. His bridge design experience encompasses both minor and major bridge structures.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	S.R. 934/ Hialeah Expressway, FDOT D6	2011	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Raul was of part of structural team providing design & construction assistance and shop drawing review. This project consisted of the widening of the Hialeah Expressway from 4 to 6 lanes. The existing bridges over the FEC Railroad, Okeechobee Road, NW 69th Avenue and the Miami Canal were also widened to 6 lanes. Existing steel pier cap were strengthened using external post-tensioning. One bridge was ASSHTO girders and the others were steel girders.		
b.	Sawgrass Expressway / National Car Rental Center (NCRC) Interchange, Turnpike	2013	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This new southbound ramp utilizes a flyover to connect the Panther's hockey arena directly to the Sawgrass Expressway prior to the toll plaza. The structure is a three span twin steel box girder system 525 feet in length and 40 feet wide. To establish the lowest bridge profile to accommodate a touchdown far enough in advance of the toll plaza, BHA provided a single pier substructure and cantilevered the twin steel box girders by the use of a cross girder of the same depth. This integral pier cap design made the flyover option feasible and saved the Turnpike over \$10M in construction costs		
c.	Bayou Chico Bridge Replacement (S.R. 292), FDOT D3	2002	2003
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Three continuous spans 156'- 240'-156' with 14 – FBT-72 segmental Bulb-Tee Beams (drop-in-beams) with special haunched sections at the supports. He also performed QC review of the Superstructure & substructure Design.		
d.	Ft. Lauderdale/Hollywood International Airport Interchange, FDOT D4	2000	2002
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As prime design consultant on this \$95M Design-Build project, He served as Senior Bridge Engineer for the complete structural design and load rating of post tensioned pre-cast segmental box girder bridges traversing US-1 and the FEC Railway.		
e.	I-95 / Palm Beach International Airport Interchange, FDOT D4	2001	2004
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm He performed the Quality Control of the superstructure design of eight precast concrete segmental box girder bridges and six steel plate girder bridges over I-95 & CSX Railroad.		

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

12. NAME Felix Cebrecos, MSCE	13. ROLE IN THIS CONTRACT Miscellaneous Structures Designer	14. YEARS OF EXPERIENCE	
		a. TOTAL 46	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION (City and State)
ASA CONSULTANTS, INC.

16. EDUCATION (Degree and Specialization) M.S. Urban and Regional Planning, Ohio State University, 1987 Post Graduate Mass Transportation, Ecole Polytechnique de Lausanne, (Switzerland), 1978 M.S. Civil/Environmental Engineering, University of Wisconsin, 1975	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Since 1989, Felix has served as a planner, traffic engineer and transportation economist and analyst. During this time, he has developed numerous traffic and transportation studies. His current responsibilities include the design for roadway projects and plans preparation for roadway and structures projects.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	District-Wide Misc. PE Design Consultant, FDOT D6	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ASA is the prime consultant on this project which includes a variety of scope of services. Felix is providing support as a Roadway Designer and production/CADD support. <input checked="" type="checkbox"/> Check if project performed with current firm		
b.	District-Wide Misc. PE Design Consultant, FDOT D6	2020	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ASA serves as a sub to Goal Associates offering support for roadway and misc. Structures. Felix served as a Roadway Designer and also provided Plans Production/CADD support. <input checked="" type="checkbox"/> Check if project performed with current firm		
c.	District-Wide Misc. PE Design Consultant, FDOT D6	2020	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ASA served as a sub to HBC Engineering offering support for misc. Structures. Felix served as a designer/Senior CADD Technician. <input checked="" type="checkbox"/> Check if project performed with current firm		
d.	District-Wide Minor Design, FDOT D4	2020	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ASA served as a sub to Goal Associates offering support for roadway and miscellaneous structures services. Felix served as a Roadway Designer/Senior CADD Technician. <input checked="" type="checkbox"/> Check if project performed with current firm		
e.	US-1 & Palm Drive, Miami-Dade County, FDOT D6	2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This 3R project consisted of milling, resurfacing and widening to include an additional SB right turn lane and signalization improvements. Felix responsibilities included the QC of the plans produced. <input checked="" type="checkbox"/> Check if project performed with current firm		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
SR9/I-95 Spanish River Interchange, Palm Beach, FL	2014	2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER FDOT District 4	b. POINT OF CONTACT NAME Juan Quiroga	c. POINT OF CONTACT TELEPHONE NUMBER 561-241-8256
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The new interchange will provide access from northbound and southbound I-95 to FAU Boulevard. The project includes enhancements to Yamato Road to include milling and resurfacing per the limits identified in the concept plans, signalized intersection improvements at the entrance/exit ramps to I-95, and the addition of auxiliary lanes east bound and westbound through the interchange, 10 new bridges & 3 bridge widening. ASA Staff were involved from the start of the project and took over the design & post design services starting January 2015. Ms. Sadough is the project manager & engineer of Record of 8 bridges (3 bridges over Lake worth Drainage canal) including all Miscellaneous structures. c served as a project engineer and worked in almost every aspect of the design. He assisted in the development of the roadway plans, signing and marking plans and day to day coordination. Mr. Cebrecos served also as project engineer and assisted in the roadway & signing and pavement marking design & plans production.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME ASA Consultants	(2) FIRM LOCATION <i>(City and State)</i> Sunrise, FL	(3) ROLE Prime Consultant providing Structural and Highway design services
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Oracio Riccobono, P.E.	13. ROLE IN THIS CONTRACT Geotechnical Engineer	14. YEARS EXPERIENCE	
		A. TOTAL 36	B. WITH CURRENT FIRM 22
15. FIRM NAME AND LOCATION <i>(City and State)</i> GEOSOL, Inc.; 5795-A NW 151 st Street, Miami Lakes, FL 33014			
16. EDUCATION <i>(Degree and Specialization)</i> Civil Engineer (BSCE, 1983), Master Degree (MSCE in Geotechnical Engineering, 1985) at Louisiana State University and Master in Business Administration (MBA, 2000) at Florida International University		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Registration No. 49324 (Florida, Civil Engineering)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Society of Civil Engineers Florida Engineering Society			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Areawide and Districtwide Geotechnical Consultant, FDOT Districts 4 and 6, over from Monroe to Osceola Counties	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012 – 2019	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Geotechnical Engineer responsible for negotiating each task work orders (TWO), planning the geotechnical exploration and laboratory testing programs, preparation of geotechnical engineering reports with foundation design and construction recommendations for new and existing roadway projects during Preliminary and Final Design phases. Project has budget cap of \$1.50millions. To date, we have successfully executed 450 TWO and have spent \$3.0 millions.		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Doral Tile District Drainage Study, Doral, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Geotechnical Engineer for the drainage study to identify improvements to reduce recurring flooding in a low-lying commercial area. Responsibilities included compilation of existing geotechnical exploration including soil and water sampling to screen for volatile organics, ammonia, metals, lead, aluminum, and iron; delineation of areal extent of undocumented landfill dumping activities and contamination; conceptual design of alternatives; responsible for planning geotechnical exploration and laboratory testing programs, preparation of geotechnical engineering report with foundation design and construction recommendations.		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> City of Doral Basin H-8 Drainage Improvements Doral, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> 2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Geotechnical Engineer Responsibilities included geotechnical exploration, and identification of utility conflicts as well as planning the geotechnical exploration and laboratory testing programs, preparation of the geotechnical engineering report for exfiltration trench design.		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 826 over NW 25th Street Viaduct, Doral, FL, FDOT District 6.	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011 - 2013	CONSTRUCTION <i>(If applicable)</i> 2014 - 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Geotechnical Engineer responsible for planning geotechnical exploration and laboratory testing programs, preparation of geotechnical engineering report with foundation design and construction recommendations for the new bridge and retaining walls. Geotechnical fees were \$250,000		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> J.C. Bermudez Park Recycled Stormwater Irrigation Project. Doral, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Geotechnical Engineer responsible for planning geotechnical exploration and laboratory testing programs, preparation of geotechnical engineering report with foundation design and construction recommendations for design of irrigation system for the 80-acre park. Major components included emergency lake intake structure, 2 MG above ground storage tank, 3,000 gpm storm water pump station, 130 micron disk filters with automatic backwash, bleach disinfection system, 1,400 gpm irrigation pumps, 8,000 feet of 12-inch diameter looped main, and irrigation system.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Adnan Ismail, P.E.	13. ROLE IN THIS CONTRACT Geotechnical Engineer	14. YEARS EXPERIENCE	
		A. TOTAL 16	B. WITH CURRENT FIRM 16
15. FIRM NAME AND LOCATION <i>(City and State)</i> GEOSOL, Inc.; 5795-A NW 151 st Street, Miami Lakes, FL 33014			
16. EDUCATION <i>(Degree and Specialization)</i> Civil Engineer (BSCE) and Master Degree (MSCE in Geotechnical Engineering)		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Registration No. 76014 (Florida, Civil Engineering)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Society of Civil Engineers Florida Engineering Society			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a.	Areawide and Districtwide Geotechnical Consultant, FDOT District 6 , from Monroe to Miami-Dade Counties	2010 – Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Geotechnical Engineer responsible for negotiating each task work orders (TWO), planning the geotechnical exploration and laboratory testing programs, preparation of geotechnical engineering reports with foundation design and construction recommendations for new and existing roadway projects during Preliminary and Final Design phases. Budget cap of \$1.5millions. To date, we have successfully executed over 110 Task Work Orders and have spent \$1.3 millions.		
b.	NW 57th Avenue/Red Rd./SR 823 Widening from Okeechobee Road/SR 25 to West 21st St., City of Hialeah , FDOT District 6	2009-2016	2011-2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Geotechnical Engineer of Record for roadway widening of existing roadway. He was responsible for design and implementation of field exploration and laboratory testing programs, geotechnical engineering analyses and design for ¾-mile of roadway widening, including a pedestrian bridge over SR 25 and sheet pile walls along the Red Road Canal. Geotechnical fees were \$200,000		
c.	NW 57th Avenue/Red Rd./SR 823 Widening From W. 46th Street to W. 54th Street, City of Hialeah , FDOT District 6	2012-2016	2016-2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Geotechnical Engineer of Record for roadway widening of existing roadway. He was responsible for design and implementation of field exploration and laboratory testing programs, geotechnical engineering analyses and design for 1/2-mile of roadway widening, including sheet pile walls along the Red Road Canal and drainage structures. Geotechnical fees during design were \$60,000		
d.	NW 57th Avenue/Red Rd./SR 823 Widening From W. 54th Street to W. 84th Street, City of Hialeah , FDOT District 6	2012-2015	2015-2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Geotechnical Engineer for roadway widening of existing roadway. He was responsible for design and implementation of field exploration and laboratory testing programs, geotechnical engineering analyses and design for 1.75 miles of roadway widening, including sheet pile walls along the Red Road Canal and drainage structures. Geotechnical fees during design were \$80,000		
e.	SR-836/I-95 Interchange Improvements, Miami-Dade County, FDOT District 6.	2011-2013	2018-on-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Project Geotechnical Engineer responsible for planning and executing the field exploration and laboratory testing programs, interpreting the test results, performing foundation analyses and design for 2.5 miles of roadway improvements including several bridges, approach embankments, MSE walls, and signalization improvements. Geotechnical fees were \$550,000		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
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21. TITLE AND LOCATION <i>(City and State)</i> Areawide and Districtwide Geotechnical Consultant, FDOT Districts 4 and 6, over from Monroe to Osceola Counties, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016 - 2021	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER FDOT Districts 4 and 6 Materials Office	b. POINT OF CONTACT NAME Adrian Viala, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (954) 677-7030
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Project Geotechnical Engineer responsible for negotiating each task work orders (TWO), planning the Geotechnical exploration and laboratory testing programs, preparation of Geotechnical engineering reports with foundation design and construction recommendations for new and existing roadway projects during Preliminary and Final Design phases.

Project has budget cap of \$1.50 million. To date, we have successfully executed 75 TWO and have spent \$1.49 million.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) Firm Name GEOSOL, INC.	(2) FIRM LOCATION <i>(City and State)</i> Miami Lakes, FL 33014	(3) ROLE Prime Consultant. Performing Geotechnical, and Materials Testing Services
b.	(1) Firm Name	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) Firm Name	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) Firm Name	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) Firm Name	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) Firm Name	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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 23	b. WITH CURRENT FIRM 23
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Sunrise, 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.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State) City of Port St. Lucie US I Irrigation and Landscape Design Update Port St. Lucie, FL	(2) YEAR COMPLETED	
a.		PROFESSIONAL SERVICES ongoing	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: Miller Legg is preparing an update for the City of Port St. Lucie to the firm's 2015 irrigation and landscape design plans for 3.5 miles of US Highway I from Westmoreland Boulevard to Village Green Drive. Services comprise proposed landscape and hardscape concept and construction improvements including median hardscape design, shrub, groundcover and tree plantings or removal, irrigation design and utility coordination. The plans were submitted to FDOT. A presentation of plan exhibits to the City Council by the firm took place and the project is currently in construction.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) Florida Department of Transportation (FDOT) District 4 Port St. Lucie Blvd. from Becker Road to Paar Drive #CA885 Port St. Lucie, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: Miller Legg is providing landscape architectural services for FDOT's District 4 reconstruction and resurfacing of Port St. Lucie Blvd. from south of Becker Road to south of Paar Drive. This design project entails modification of a two-lane rural section to a four-lane urban curb and gutter section with a shared-use path on both sides of the roadway. Additionally, reconstruction of the existing bridge over the East-84 Canal, the installation of a closed drainage system, and a new signalized intersection are included in the project scope. Specific landscape architectural services include: coordination with existing and/or proposed underground utilities, conceptual landscape and irrigation designs, and a conceptual landscape median design along approximately 3.5 miles of the suburban residential roadway on Port St. Lucie Blvd. Miller Legg is providing landscape architecture and irrigation design services as a subconsultant to R.J. Behar & Company, Inc.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) Delray Beach Germantown Road Complete Streets Improvements Delray Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: For this Palm Beach Transportation Planning Agency (TPA) Complete Streets project in Delray Beach, Miller Legg is providing landscape architecture and certified arborist services. The City's vision is to enhance Complete Streets environments for all road users, including motorists, cyclists, and pedestrians. Project improvements include multi-use paths and pedestrian-scale lighting on both sides of Germantown Road while preserving/restoring existing pavement, and minor landscape enhancements along the corridor. The City was awarded a federally-funded grant under its Local Area Program (LAP). Miller Legg is a subconsultant to Propel Engineering.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) City of Delray Beach Pompey Park Community Center and Campus Design Delray Beach, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Landscape Architect: Landscape architecture, permitting, surveying, SUE, civil engineering, and construction phase services. Landscape architecture scope includes design of planting, irrigation, hardscape, site amenities, two (2) playgrounds, baseball fields (relocation and restoration). Our tree inventory arborist services were key to meeting the community's desire to preserve the large established tree canopy within the Park. Schematic design tasks include due diligence, code, programming, site engineering, landscape and hardscape schematic design verification. Miller Legg will assist with community outreach and relevant City agency design review presentations throughout the process.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) City of Tamarac University Drive Landscaping Improvements Tamarac, FL	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager: Providing landscape architecture, hardscape, and irrigation design, certified arborist services, permitting with FDOT, SFWMD and the City, specific purpose survey of the existing medians, utility coordination, utility designation, and construction administrative services for improvements to the existing system of medians on University Drive between NW 78th Street and Southgate Boulevard. Miller Legg worked with the City to meet strict deadlines to receive from an FDOT Grant and included creation of MMOA (Maintenance agreements) between the City and FDOT.	<input checked="" type="checkbox"/> Check if project performed with current firm	

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

12. NAME Miguel Juncal, RLA, CA	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 14
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Miami, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Landscape Architecture / Minor in Environmental Sciences		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Registered Landscape Architect FL / Certified Arborist FL / FDOT Intermediate Maintenance of Traffic	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Juncal is a Landscape Architect and Certified Arborist focused on a variety of public and private landscape architecture projects including roadway landscaping and irrigation, active and passive park landscape design, higher educational facilities as well as residential and commercial projects. Certified Arborist services include: tree species identification and inventories, tree surveys and canopy mapping, destroyed/damaged tree assessments, tree value estimates, tree grading, tree species selection for planting, mangrove trimming oversight and tree permitting.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
a.	(1) Delray Beach Germantown Road Complete Streets Improvements Delray Beach, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: For this Palm Beach Transportation Planning Agency (TPA) Complete Streets project in Delray Beach, Miller Legg is providing landscape architecture and certified arborist services. The City's vision is to enhance Complete Streets environments for all road users, including motorists, cyclists, and pedestrians. Project improvements include multi-use paths and pedestrian-scale lighting on both sides of Germantown Road while preserving/restoring existing pavement, and minor landscape enhancements along the corridor. The City was awarded a federally-funded grant under its Local Area Program (LAP). Miller Legg is a subconsultant to Propel Engineering.		
b.	(1) City of Tamarac Commercial Boulevard Landscaping Improvements Tamarac, FL	2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: Provided landscape architectural, a certified arborist report and survey services for the existing medians along 1.70 miles of West Commercial Boulevard between North Pine Island Road and Sawgrass Expressway. In addition to landscape architecture and survey services, also provided lighting and electrical services, irrigation design, permitting, and construction administrative services.		
c.	(1) City of Miami La Pastorita Neighborhood Roadway Improvements Study Miami, FL	2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager: Provided landscape architecture and Certified Arborist services for this neighborhood improvement project which will provide pedestrian friendly roadway and neighborhood beautification. Specific services included tree inventory and assessment, tree master plan coordination, conceptual plan / color rendering for the La Pastorita Neighborhood Roadway Improvements Phase I. Other activities included public outreach and future construction program analysis. Miller Legg was a subconsultant to The Corradino Group.		
d.	(1) City of Miami Gardens Rolling Oaks Regional Park Miami Gardens, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: Renovations of Rolling Oaks Regional Park include construction of a new one-story 4,000 SF recreation building, renovated restroom facilities, expansion of walking trail with lighting, distance marker, and exercise stations, new pavilions, new parking lot, refurbished basketball and tennis courts, new fencing, new shaded playgrounds, new landscaping and irrigation, addition of horseshoe pits, sand volleyball, mini golf and splashpad, and video system and WIFI. Miller Legg is providing civil engineering, landscape architecture and surveying services for this 7-acre park as a subconsultant to Synalovski, Romanik and Saye Architects. The civil scope includes design of a lift station and on-site force main extension to service the proposed Welcome Center. An arborist assessment of existing trees and palms was carried out as part of the landscape architecture services.		
e.	(1) City of Miami Beach 20th Street & Sunset Drive Pocket Park Miami Beach, FL	2020	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: Under our Continuing Services Contract with the City of Miami Beach, Miller Legg was awarded an assignment to provide survey, civil, geotechnical, electrical, structural engineering and landscape architecture services for the design, permitting and construction of a new ADA-accessible .33-acre pocket park at 20th Street and Sunset Drive. The firm prepared a boundary and topographic survey, assisted with the planning of key program elements and performed schematic design, design development, construction document, bidding and construction tasks. The design incorporates Crime Prevention Through Environmental Design (CPTED) principles. Arborist and irrigation design services were also furnished for this project.		

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

12. NAME Liudmila Fuentes, MLA	13. ROLE IN THIS CONTRACT Landscape Designer/Recreation Planner	14. YEARS EXPERIENCE	
		a. TOTAL 5	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Sunrise, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Landscape Architecture / Bachelor of Arts / Urban Design		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Ms. Fuentes is a Landscape Designer and Recreational Planner supporting the firm's projects including those in the public sector such as the Florida Department of Transportation and South Florida municipalities. Her experience includes landscape design, parks master planning and hardscape design.			

19. RELEVANT PROJECTS



a.	(1) TITLE AND LOCATION (City and State) City of Port St. Lucie US I Irrigation and Landscape Design Update Port St. Lucie, 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 Landscape Designer: Miller Legg is preparing an update for the City of Port St. Lucie to the firm's 2015 irrigation and landscape design plans for 3.5 miles of US Highway I from Westmoreland Boulevard to Village Green Drive. Services comprise proposed landscape and hardscape concept and construction improvements including median hardscape design, shrub, groundcover and tree plantings or removal, irrigation design and utility coordination. The plans were submitted to FDOT. A presentation of plan exhibits to the City Council by the firm took place and the project is currently in construction.		
b.	(1) TITLE AND LOCATION (City and State) City of Tamarac Go-Forward Roadway Landscape Master Plan Update (Tamarac, FL)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	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 Landscape Designer: Miller Legg provided the City with an update to its citywide Roadway Landscape Master Plan, a go-forward landscape roadmap guide to be implemented for years to come. Miller Legg conducted a citywide tree inventory assessment of +/- 4,000 trees, an evaluation of existing landscape, irrigation and hardscape conditions, an overall assessment of the existing character of road corridors, and an opportunities and constraints analysis. The goal was to create a Landscape Master Plan to provide the City with typical conceptual landscape concepts, recommendations, graphics and renderings, guidelines, and implementation strategies to follow. The Master Plan was unanimously adopted by the City Commission.		
c.	(1) TITLE AND LOCATION (City and State) City of Palm Coast - Flagler County Parks and Recreation Master Plan Palm Coast, 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: Miller Legg is currently working with the City of Palm Coast and Flagler County on their Parks and Recreation Master Plan as a subconsultant to BerryDunn. Miller Legg is providing public involvement, data collection, needs and priorities assessment, visioning planning, and action plan and strategies implementation services for collaboration between the City and County. Part of the public engagement includes focus group meetings with selected key stakeholders and public workshops.		
d.	(1) TITLE AND LOCATION (City and State) City of Delray Beach Pompey Park Community Center and Campus Design 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 Recreation Planner: Landscape architecture, permitting, surveying, SUE, civil engineering, and construction phase services. Landscape architecture scope includes design of planting, irrigation, hardscape, site amenities, two (2) playgrounds, baseball fields (relocation and restoration). Our tree inventory arborist services were key to meeting the community's desire to preserve the large established tree canopy within the Park. Schematic design tasks include due diligence, code, programming, site engineering, landscape and hardscape schematic design verification. Miller Legg will assist with community outreach and relevant City agency design review presentations throughout the process.		
e.	(1) TITLE AND LOCATION (City and State) City of Miami Fairlawn Community Park 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 Landscape Designer/Recreation Planner: Under our continuing services contract with the City, Miller Legg was awarded the development of programming, pre-design/concept, construction document preparation and construction phase services for a new 1-acre park on SW 63rd Avenue. The scope includes civil engineering, landscape architecture, tree inventory, surveying and SUE, structural, electrical and geotechnical engineering as well as permitting, opinion of probable cost and limited construction administration. The passive park will contain a shaded/fenced children's playground, dog run, shared pedestrian / bicyclist perimeter path, light bollards, benches, pedestrian pole lighting, irrigation, water fountain, bike racks, receptacles, hardscape furniture, access driveway and perimeter privacy walls. Miller Legg also will assist the City with presentation of conceptual designs at Community Meetings for public input of the final design.		

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

12. NAME Michael Bradley, RLA	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 5	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) Miller Legg, Sunrise, FL			
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Landscape Architecture / Bachelor of Arts / Religion, Minor in Education		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) FL / Registered Landscape Architect	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Bradley is a Landscape Architect supporting the firm's projects including those in the public sector such as municipal parks and recreation master plans, park landscape, hardscape and irrigation design, educational facilities as well as streetscape for the Florida Department of Transportation.			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
a.	City of Oakland Park NW 21st Avenue Streetscape Oakland Park, FL	2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Designer: 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 Boulevard and NW 26th Street. The conceptual design included conversion of a continuous median into multiple landscaped medians. The proposed medians work towards the continued beautification of the corridor, and focused on connectivity and safety for pedestrians and bicyclists. It extends the existing bike lane and adds visible pavement markings to promote safety on the street, at driveways, and at intersection crossings.		
b.	City of Tamarac University Drive Landscaping Improvements Tamarac, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: Miller Legg is providing landscape architecture, hardscape, and irrigation design, permitting, specific purpose survey of the existing medians, utility coordination, utility designation, and construction administrative services for improvements to the existing system of medians on University Drive between NW 78th Street and Southgate Boulevard in the City. Certified Arborist services may also be included for tree analysis, removal and relocation needs. Coordination with numerous agencies will also be performed. The project has received funding from an FDOT Grant and included creation of maintenance agreements between the City and FDOT. Miller Legg worked consistently with both the City and FDOT to meet the strict deadlines to receive this additional funding.		
c.	City of Hallandale Beach Atlantic Shores Boulevard from US-1 / Federal Highway to Diplomat Parkway Hallandale Beach, FL	2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Designer: This 1/4-mile milling and resurfacing project included enhancements along Atlantic Shores Boulevard between US 1 and Diplomat Parkway in the City. Enhancements included drainage, signage and pavement markings, signalization, lighting, landscaping and hardscape. Specific landscape architecture analysis and design services included landscape architecture and irrigation plans for the median islands, swales, parking islands/bulbouts, hardscape and a roundabout.		
d.	City of Miramar Historic Public Safety Complex (Miramar, FL	2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Designer: The City of Miramar replaced the Civic Center and Child Care building with a new one-story 24,000 SF building to accommodate its police substation, storage, administrative and other law enforcement and public safety facilities, in addition to a surface parking lot for safety vehicles. The new building received LEED Gold certification. Miller Legg provided civil engineering design, permitting and construction administration services as part of the Architects Design Group team. Government permitting included the City of Miramar, Broward County and FDEP. The firm also provided LEED certification and value engineering review services.		
e.	Town of Davie Governor Leroy Collins Farm Park Davie, FL	Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Landscape Architect: A 20-acres of development which will include an educational center, riding arena, stables, farmers market and playground. The park will provide volunteer opportunities, farm tours, field trips, summer camps, community gardens, and equestrian programs for the special needs population. Providing civil engineering, surveying, landscape architecture, and environmental services.		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project)</i>		20. EXAMPLE PROJECT KEY NUMBER 8	
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED		
Port St. Lucie Landscape Architect-Arborist for GPS Landscaping & Signs Inventory Port St. Lucie, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)	
	2021		
23. PROJECT OWNER'S INFORMATION			
d. PROJECT OWNER City of Port St. Lucie Public Works Department	e. POINT OF CONTACT NAME John Dunton	f. POINT OF CONTACT TELEPHONE NUMBER (772) 344-4035	
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>			
<p>Miller Legg was selected by the City of Port St Lucie to update its municipal Tree and Landscape Inventory using the City's on-line Tree inventory portal. The firm was responsible for inventorying new trees and landscape beds on City property to collect bed lines, genus/species, size, square footage, condition in the case of plants; genus/species, height, size, DBH, measurement, condition, replacement value in the case of trees; and location in the case of signs. Miller Legg reported on each City Entry Sign site with current entry sign, plant and tree information updates to the existing GPS database. Designated locations include City Hall, road rights-of-way, cul-de-sacs, pond areas and entry signs.</p>			
			
			
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Miller Legg	(2) FIRM LOCATION <i>(City & State)</i> Sunrise, FL	(3) ROLE Prime
b.	(1) FIRM NAME Miller Legg	(2) FIRM LOCATION <i>(City & State)</i> Port St. Lucie, FL	(3) ROLE Prime
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City & State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City & State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City & State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City & State)</i>	(3) ROLE

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Dennis Ritzel, PSM	13. ROLE IN THIS CONTRACT Licensed Surveyor - Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 27	b. WITH CURRENT FIRM 4 Years

15. FIRM NAME AND LOCATION <i>(City and State)</i> Ritzel-Mason, Inc. (Delray Beach, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BS / Geomatics Engineering / Florida Atlantic University (2013) AA / Palm Beach Community College (2009)	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL PSM #6953 (2013) FL EI #1100022325 (2019) UAS107 #1856855 (2018) CST #1102-1681 (2005)
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18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Trenchless Technology Center (TTC) Utility Investigation School - 40 Hours Florida Surveying and Mapping Society Gold Coast Land Surveyors Council
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19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Exxon Mobil Tank Hydrostatic Broward County, Port Everglades, Ft. Lauderdale, FL	6/2019	N/A
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager to support contractor efforts for this hydrostatic project. Tasked to provide differential leveling to monitor fuel tank settlement as the tank was filled with water. Local site control was set and established for horizontal and vertical data. Project manager prepared a report and submitted to the client.		
SR A1A Gulfstream Palm Beach County, Gulfstream, FL	8/2019 (EST.)	N/A
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager to support surveyor and engineer to designate utilities in a 1.1-mile corridor of State Road A1A. PM coordinated with survey field crews to mark underground utilities within the right-of-way.		
Snowy Place Palm Beach County, Delray Beach, FL	4/2019	N/A
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager to support engineer to as-built approximately 400 feet of forcemain and 400 feet of watermain. PM was tasked to create a record plan and profile. This as-built drawing was used to complete land owner's permit.		
Division Avenue Maintenance Map Palm Beach County, West Palm Beach, FL	5/2019	N/A
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm CADD Manager to support the surveyor of record. Ritzel-Mason performed CADD services for 1-mile of a Maintenance Right-of-Way Map for the City of West Palm Beach. Topographic was merged with existing right-of-way data. Parcels to be transferred to the City were delineated.		
Bal Harbour Shoppes Miami-Dade County, Bal Harbour, FL	6/2019	N/A
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manger to support the contractor's efforts. PM coordinated with survey field crews to provide subsurface utility designating, soft dig test holes, auger piles stakeout and drainage surveying services. All data was added to a specific purpose survey and provided to the client.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Clyde Mason, PSM	13. ROLE IN THIS CONTRACT Licensed Surveyor - Project Surveyor	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 5 Years

15. FIRM NAME AND LOCATION *(City and State)*
Ritzel-Mason, Inc. (Delray Beach, FL)

16. EDUCATION <i>(Degree and Specialization)</i> BS / Geomatics Engineering / Florida Atlantic University (2011)	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> FL PSM #6905 (2012) OH PS #8601 (2013) NC PLS #5297 (2018)
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Florida Surveying and Mapping Society
Gold Coast Land Surveyors Council

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Atlantic Coast Pipeline North Carolina	2/2019	N/A
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager to support contractor efforts for this 180-mile section of pipeline. PM provided quality control, field crew management and office management for the layout and construction as-built of a oil pipeline.		
Deauville Village Condos Palm Beach County, Delray Beach, FL	5/2019	N/A
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager to support home owners association for boundary and topographic survey of the clubhouse. PM coordinated with field survey crews to recover existing property monumentation.		
Longhorn Steakhouse Palm Beach County, Jupiter, FL	7/2019 (EST.)	N/A
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager to support contractor efforts for the ground-up construction of a new building. PM was tasked to provide survey control, boundary survey, formboard survey and as-builts. The building foundation was staked and the footers were pinned for wall placement.		
El Rancho Mobile Home Park Broward County, Coconut Creek, FL	6/2019	N/A
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager to support contractor's construction efforts for subsurface utilities. Located all underground utilities in a dense environment. Utilities were surveyed and a specific purpose survey was submitted.		
Agave Ponce, Miami-Dade County, Coral Gables, FL	6/2019	N/A
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager to support the engineer's design efforts to place mast arms at a major urban intersection. Utility designates were performed and surveyed. PM prepared a Specific Purpose Survey and provided to the client.		

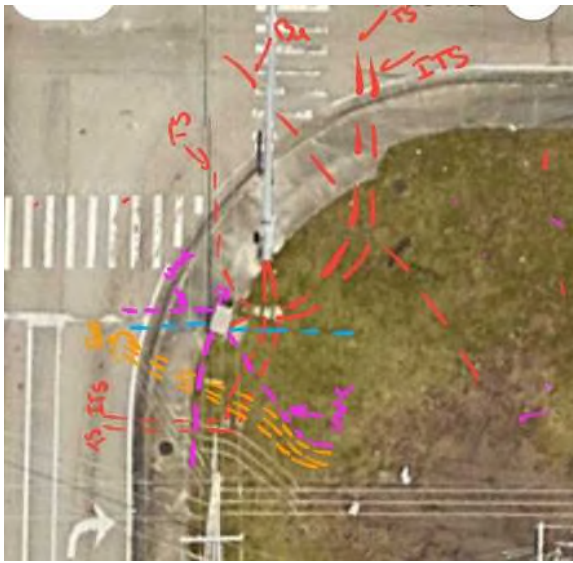
F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i> State Road 615 Ft.Pierce, FL	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 10/2020	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER FDOT District 4	b. POINT OF CONTACT NAME Roberto Chavez	c. POINT OF CONTACT TELEPHONE NUMBER 954-777-4574
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Ritzel-Mason supported the engineer of record's design efforts for this FDOT District 4 task work order. The task work order included right-of-way to right-of-way of State Rod 615 from Edwards Road to Virginia Blvd. Right-of-way monumentation was searched and processed. Mast arm details were created from survey data. A full DTM was created from surveyed topographic data. Subsurface utility engineering designates were performed at the major intersections. Total project length was 1.5 miles.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Ritzel-Mason, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Delray Beach, FL	(3) ROLE Surveying / SUE
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Shawn Ouellette, P.G.	Senior Geologist	a. TOTAL	b. WITH CURRENT FIRM
		22	3

15. FIRM NAME AND LOCATION (City and State)
Terracon Consultants, Inc. (West Palm Beach/Port St. Lucie, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
B.S., Geology (Hydrogeology Tract), Florida Atlantic University	Professional Geologist: FL: PG2417, (07/2024) Water Well Contractor: SFWMD: 11271 (07/2024)

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

Shawn has over 22 years of experience conducting environmental site assessments, remedial projects, geotechnical investigations, mining feasibility studies, well installations, well rehabilitation, soil, sediment, air, and water sampling. He is a senior geologist for Terracon's Florida Division, and he provides environmental services at various locations statewide. Shawn is currently responsible for coordinating and implementing field activities for environmental site assessments (ESAs), well installations, and soil investigations for remedial actions and site assessment and characterization, including mechanical and electrical troubleshooting for remediation and sampling equipment. Shawn's technical experience ranges from soil, sediment, and rock classification to groundwater and surface water investigations and monitoring, field activities, and subcontractor supervision, as well as data compilation, analysis, permit preparation, and report writing. He is also experienced in personnel and project management and managing all aspects of the business from initial marketing to project completion.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Florida Department of Environmental Protection (FDEP) Continuing Contract for Waste Cleanup Program Various Locations Statewide	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	Not Applicable (N/A)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

a. Project Manager/Senior Geologist. Terracon provides environmental engineering services to FDEP on a continuing contract (as-needed) basis. The firm addresses environmental issues at facilities throughout Florida associated with the Waste Site Cleanup Section (WSCS), Site Investigation Section (SIS), Federal Programs Section (FPS), and Brownfields and Comprehensive Environmental Response Compensation and Liability Act (CERCLA) Site Screening (BF/CSS). The scope of work includes: hazardous waste site cleanup services; Drycleaning Solvent Cleanup Program services; detailed hydrogeological site investigations for the purpose of determining the magnitude and/or source of groundwater contamination; assessment and cleanup activities for the state-owned land sites; Brownfields assessments and Brownfields source removals; technical review and support on assessment and remediation projects due to chemical or munitions use; CERCLA site assessments; technical support and Operation and Maintenance (O&M) on National Priority List (Superfund) Sites; professional assistance in identification, investigation, and remediation of sites impacted with contaminants of emerging concern; and institutional controls/engineering controls auditing (ICECAP). Fee: on a task-by-task basis

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Proposed Distribution Center Port St. Lucie, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

b. Senior Geologist. The site is approximately 115 net acres of approximately 153 acres of two land parcels formerly used for agriculture (mainly citrus groves). The site is being considered for the construction of a large distribution center. Terracon conducted a Phase I ESA and a Limited Site Investigation (LSI) consistent with the procedures included in ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The purpose of this ESA was to assist the client in developing information to identify recognized environmental conditions (RECs) and historical recognized conditions (HRECs) in connection with the site. Fee: \$41,880 estimated

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Undeveloped Parcel of Land Port St. Lucie, FL, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

Senior Geologist. The site is an undeveloped parcel and contains approximately 5.1 acres within the parent parcel that encompasses 39.6 acres. We understand future improvements include the construction of an automotive facility at the site. Terracon conducted a Phase I ESA consistent with the procedures included in ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site. Fee: \$3,300

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
C-23/24 South Reservoir Section B St. Lucie County, FL	2023	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

d. Project Manager/Senior Geologist. The site consists of approximately +/-329 acres of South Florida Water Management District (SFWMD, District) owned lands that are proposed for future redevelopment as part of the C-23/24 South Reservoir. Terracon performed a Phase II ESA to screen for the potential presence of constituents of concern (COCs) in shallow soil samples collected from within the site associated with the historic use of the site as a citrus grove. Fee: \$23,429

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
FDEP PFAS Screening Sites, Groundwater Evaluations Various Locations Statewide, FL	2019 - 2022	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

e. Shawn was responsible for conducting polyfluoroalkyl substances (PFAS) site assessments groundwater screening on Florida Department of Environmental Protection (FDEP) State of Florida Hazardous Waste Cleanup sites. Duties included report preparation, environmental reconnaissance, field sampling and data and quality control (QC) evaluation. He worked on this contract while with another firm until rejoining Terracon.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Steven Harrison, P.G., MRSA	Key Lead, Senior Geologist, QA/QC Reviewer	34	9

15. FIRM NAME AND LOCATION (City and State)
Terracon Consultants, Inc. (Fort Lauderdale, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
B.S., Geology, State University of New York Binghamton, 1984 M.S., Marine Geology and Geophysics, Emphasis: Geo-Chemistry, Rosenstiel School of Marine and Atmospheric Sciences, University of Miami, 1988	Professional Geologist: FL: PG1390, (07/2024) Mold Assessor: FL: MRSA508 (07/2024)

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

Steven is a senior associate, professional environmental consultant, and Manager of Regional Environmental Services in the South Florida Region. A Florida-licensed professional geologist and mold assessor, he specializes in providing responsive, cost-effective, technically accurate, and regulatory-focused solutions to meet clients' project and operational requirements. He has worked with a diverse array of clients ranging from independent property owner to local, regional, and state municipalities and Fortune 500 companies to address and resolve their business and regulatory environmental concerns. Steven's knowledge of local, state, and federal regulatory requirements is critical to supporting the client's objectives to maintain compliance with all applicable regulatory requirements.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Proposed Distribution Center Port St. Lucie, FL	Ongoing	Not Applicable (N/A)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

a. Senior Geologist/QA/QC Reviewer. The site is approximately 115 net acres of approximately 153 acres of two land parcels formerly used for agriculture (mainly citrus groves). The site is being considered for the construction of a large distribution center. Terracon conducted a Phase I environmental site assessment (ESA) and a Limited Site Investigation (LSI) consistent with the procedures included in ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The purpose of this ESA was to assist the client in developing information to identify recognized environmental conditions (RECs) and historical recognized conditions (HRECs) in connection with the site. Fee: \$41,880 estimated

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Undeveloped Parcel of Land Port St. Lucie, FL, FL	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

b. Senior Geologist/QA/QC Reviewer. . The site is an undeveloped parcel and contains approximately 5.1 acres within the parent parcel that encompasses 39.6 acres. We understand future improvements include the construction of an automotive facility at the site. Terracon conducted a Phase I ESA consistent with the procedures included in ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site. Fee: \$3,300

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Proposed Maintenance Facility Port St. Lucie, FL	2023	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

c. Senior Geologist/QA/QC Reviewer. The project site, composed of three parcels of land, is the current location of the Port St. Lucie Public Works Facility. The proposed conceptual site development includes a new maintenance building, warehouse, and administration building. Terracon performed a limited asbestos survey of an existing maintenance building to assess potential hazardous materials due to the planned renovation of the structure; a Limited Site Investigation (LSI) to assess soil and groundwater quality for potential impacts associated with the RECs; an Expanded LSI (ELSI) that included additional groundwater assessment in an area south and southwest of the maintenance building and in the vicinity of the covered storage area to further assess the horizontal and vertical extent of groundwater impacts; a Supplemental ELSI (SELSI) to further assess the soil and groundwater impacts reported within samples collected during

the completion of the LSI and ELSI and build upon the data to provide a more comprehensive picture of soil, groundwater, and subsurface vapor quality at the site; and a second SELSI (S2ELSI) to further assess the soil, groundwater, and vapor impacts reported within samples collected in the area of the maintenance building during the completion of the LSI, ELSI, and SELSI. The S2ELSI focused on confirming groundwater quality and further developing an understanding of potential soil vapor exceedances that could result in vapor intrusion to the existing maintenance building and the proposed maintenance and warehouse building footprints. Fee: \$74,100 to date

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Vacant Parcel Aventura, FL	2020	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

d. Project Manager. Phase II ESA reported that the suspected presence of a historical lumberyard, rail line and telephone pole storage area at the site, resulted in the presence of impacted soil and groundwater. Assessment efforts documented soil and groundwater impacts of arsenic, polynuclear aromatic hydrocarbons, and volatile organic compounds (VOCs). Remedial efforts removed approximately 1,500 tons of arsenic-impacted soils, and groundwater was monitored to verify that residual concentrations were stable. A background study found that groundwater impacts were attributed to a sub-regional impact in the surrounding area. A Site-specific Health and Safety Plan (SS-HASP), dust control/ erosion control/ soil management plan were prepared to assist the development team with the requirements of working within an impacted site. Air monitoring assessed for airborne contaminants within and adjacent to the site. Groundwater monitoring has verified that groundwater impacts are stable and the site will be provided a "No Further Action" (NFA) with Conditions status as part of the site closure. The site will be redeveloped and returned to use after sitting idle for many years. Steven began work on the project prior to being employed by Terracon in 2013. Fee: \$225,000

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Former Palm Beach County Transit Authority Depot West Palm Beach, FL	2019	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

e. Senior Geologist/QA/QC Reviewer. The Palm Beach County Department of Airports prepared lands for long-term lease of the Palm Beach International (PBI) property, which contained the Former Palm Tran Bus Depot (Former Building S-1440) and refueling area. Terracon prepared a Limited Scope Remedial Action Plan (LSRAP) for the site in 2017 as part of the application to secure funding from the FDEP Petroleum Restoration Program. The objective of the LSRAP was to remediate petroleum hydrocarbon contaminant concentrations reported in soil and groundwater samples to concentrations that meet Cleanup Target Levels (CTLs) set forth in Chapter 62-777, Florida Administrative Code (FAC). Through funding provided under an Advanced Cleanup Agreement between the County and the FDEP, Terracon completed source removal and open-excavation air sparging efforts to remediate petroleum hydrocarbon contaminated soil and groundwater at the former Palm Tran refueling area. The site has since been restored and the Post Active Remediation Monitoring (PARM) has been completed. In 2019, the site was issued a NFA status. Fee: \$586,000

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Douglas Dunkelberger, P.E.	Principal Engineer/QA/QC Reviewer	a. TOTAL	b. WITH CURRENT FIRM
		44	29

15. FIRM NAME AND LOCATION (City and State)

Terracon Consultants, Inc. (Tampa, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION) | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

M.S., Geotechnical Engineering, University of Florida, 1979
 B.S., Civil Engineering, University of Florida, 1977

Professional Engineer: Florida: PE33317, (02/2025)

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

Doug has specialized in the practice of geotechnical engineering progressing from staff level to senior project management level responsibilities for studies pertaining to subsurface characterization, foundation design, slope stability, ground settlement/ subsidence, embankment design, earthworks, pavement design, seepage/dewatering, and geosynthetics. Doug provides 44 years of experience in the role of chief geotechnical engineer for public works-related projects, planning and coordinating the field exploration efforts and the laboratory soils testing programs. He also has hands-on involvement with the geotechnical engineering analysis pertaining to the design and construction of municipal facilities statewide. His knowledge of local subsurface conditions has been formed through more than 40 years of engineering practice in Florida.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Proposed DDD High School Port St. Lucie, FL	2023	Not applicable (N/A)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

a. Principal Engineer/QA/QC Reviewer. A new high school will be constructed on an undeveloped site for the School Board of St. Lucie County (SBSLC). The new school will consist of buildings that are one to two stories in height and include recreational playing fields as well as asphalt-paved parking areas and drive lanes. Terracon performed subsurface exploration and geotechnical engineering services. The purpose of these services was to provide information and geotechnical engineering recommendations relative to subsurface soil conditions, groundwater conditions, site preparation and earthwork, excavation considerations, dewatering considerations, foundation design and construction, floor slab design and construction, and pavement design and construction. . Fee: \$49,100

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Port St. Lucie stayAPT Suites Port St. Lucie, FL	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

b. Principal Engineer/QA/QC Reviewer. Construction of a three-story hotel, with a building footprint of about 22,500 SF, and asphalt paved parking and drive aisles are planned. The project is about 3 acres in size. Terracon performed subsurface exploration and preliminary geotechnical engineering services. The scope of work included the advancement of test borings and field permeability testing. The firm provided information and geotechnical engineering recommendations relative to subsurface soil conditions, groundwater conditions, preliminary earthwork requirements, preliminary foundation design, soil suitability for re-use, and pavement options. Fee: \$14,400

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Western Raw Water Mains Port St. Lucie, FL	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

c. Principal Engineer/QA/QC Reviewer. At the time of Terracon's services, the installation of about 2½ miles of 16 to 30-inch diameter new raw water main pipe was planned along an east-west corridor that parallels W. Midway Road. Directional drilling would be used to install the pipe beneath wetlands and I-95. Terracon performed subsurface exploration and geotechnical engineering including the advancement of SPT borings. Information and geotechnical engineering recommendations were provided relative to the subsurface soil conditions, groundwater conditions, and utility installation. Fee: \$6,231

(1) TITLE AND LOCATION (<i>City and State</i>)		(2) YEAR COMPLETED	
New Office Building at St. Lucie West Services District Port St. Lucie, FL		PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)
		2020	N/A
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Principal Engineer/QA/QC Reviewer. The project involves the construction of a new single-story administration building, with a footprint of about 12,000 SF, situated adjacent to the south of an existing administration building. Terracon performed subsurface exploration and geotechnical engineering services. Information and geotechnical engineering recommendations were provided and are relative to subsurface soil conditions, groundwater conditions, earthwork, foundation design and construction, and floor slab design and construction. Fee: \$4,200		
(1) TITLE AND LOCATION (<i>City and State</i>)		(2) YEAR COMPLETED	
St. Lucie County Jail Facility Fort Pierce, FL		PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)
		2015	N/A
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Principal Engineer/QA/QC Reviewer. The St. Lucie County Jail facility consists of a 2-story main building (Support Facility) and several other ancillary support buildings. The existing jail facility was constructed in the mid-1980s and has continually experienced moisture-related problems involving floor dampness, loosening (unbinding) of vinyl and ceramic tiles, and musty odors. Terracon provided geotechnical engineering services for the facility. The scope of the study involved the collection of data set forth in two primary tasks: 1) an engineer's visual survey of the interior and exterior structural components of the existing building (including columns, walls, and slabs); and 2) moisture (vapor) emission testing of the interior floor slab. The purpose of this study was to evaluate the floor dampness problem with current data, to address an ongoing concern of possible voids immediately beneath the floor slab, and to provide geotechnical recommendations related to moisture mitigation in foundations. Fee: \$3,070		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Jaime Velez, P.E.	Senior Geotechnical Engineer	a. TOTAL	b. WITH CURRENT FIRM
		20	20

15. FIRM NAME AND LOCATION (City and State)
Terracon Consultants, Inc. (West Palm Beach, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
M.E. (Engineering), University of Florida, 2003 B.S., Civil Engineering, University of Florida, 2000	Professional Engineer: Florida: PE66416, (02/2025)

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

Jaime serves as a senior project engineer in Terracon’s South Florida region and on the Treasure Coast. He is a geotechnical engineer by education and experience. As a project geotechnical engineer, Jaime has more than 20 years of experience performing subsurface (geotechnical) studies throughout Florida for the design and construction of earth dams, earthen retaining walls, pump stations, underground piping, roadways, bridges and low to high-rise structures. His geotechnical engineering expertise includes conducting detailed analyses of slope stability, groundwater seepage, settlement and bearing capacity for shallow and deep foundations and evaluation of retaining wall global stability.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Bank at Vero Beach Square Vero Beach, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2023	Not applicable (N/A)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

a. Senior Geotechnical Engineer. BHDP Architecture is leading a due diligence effort for the purchase of a parcel of land within the Vero Beach Square commercial plaza. BHDP is designing a single-story bank building with an approximate building footprint of 1,900 square feet (SF). The project also includes associated drive-through lanes, driveways, and parking areas. Terracon performed subsurface exploration and geotechnical engineering services for the proposed bank. The purpose of Terracon’s services was to provide information and geotechnical engineering recommendations relative to subsurface soil conditions, groundwater conditions, site preparation and earthwork, dewatering considerations, foundation design and construction, floor slab design and construction, and pavement design and construction. Fee: \$8,800

(1) TITLE AND LOCATION (City and State) Port St. Lucie stayAPT Suites Port St. Lucie, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

b. Senior Geotechnical Engineer. Construction of a three-story hotel, with a building footprint of about 22,500 SF, and asphalt paved parking and drive aisles are planned. The project is about 3 acres in size. Terracon performed subsurface exploration and preliminary geotechnical engineering services. The scope of work included the advancement of test borings and field permeability testing. The firm provided information and geotechnical engineering recommendations relative to: subsurface soil conditions, groundwater conditions, preliminary earthwork requirements, preliminary foundation design, soil suitability for re-use, and pavement options. Fee: \$14,400

(1) TITLE AND LOCATION (City and State) Carwash Facility Vero Beach, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	2022	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm

c. Senior Geotechnical Engineer. The project includes a single-story carwash building, with a footprint of about 4,400 +/-SF, which is planned to be constructed at 4455 US Highway One. The parcel is approximately 1.1 acres in size. The proposed project also includes a paved driveway and parking stalls to be constructed around the structure. Terracon expects that stormwater run-off will be collected and routed to exfiltration trenches beneath pavement areas for storage and infiltration as well as routed to an existing retention area. Terracon performed subsurface exploration and geotechnical engineering services for the proposed carwash facility. The purpose of Terracon’s services was to provide information and geotechnical engineering recommendations relative to subsurface soil conditions, groundwater conditions, Site preparation and earthwork, dewatering considerations, excavation considerations, foundation design and construction, floor slab design and construction, pavement design and construction, and stormwater management. Fee: \$9,140

(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Western Raw Water Mains Port St. Lucie, FL		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
		2022	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Project Manager/Project Engineer. At the time of Terracon's services, the installation of about 2½ miles of 16 to 30-inch diameter new raw water main pipe was planned along an east-west corridor that parallels W. Midway Road.. Directional drilling would be used to install the pipe beneath wetlands and I-95. Terracon performed subsurface exploration and geotechnical engineering including the advancement of SPT borings. Information and geotechnical engineering recommendations were provided relative to the subsurface soil conditions, groundwater conditions, and utility installation. Fee: \$6,231		
(1) TITLE AND LOCATION <i>(City and State)</i>		(2) YEAR COMPLETED	
Treasure Coast Classical Academy Expansion Stuart, FL		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
		2022	N/A
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Project Manager/Project Engineer. At the time of Terracon's services, the planned project included a new 2-story classroom building with an attached gymnasium. New paved parking stalls and drive aisles were also planned. Terracon, who previously provided subsurface exploration at the site in 2014, was asked to provide supplemental geotechnical engineering services. The firm performed subsurface exploration and provided geotechnical engineering recommendations concerning earthwork and the design and construction of foundations, floor slabs, and pavements for the proposed project. The scope of work included the advancement of Standard Penetration Test (SPT) borings, hand auger borings, and test pit excavation services. Fee: \$16,700		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Blue Nelson, MPA, RPA	Principal Investigator/Registered Professional Archaeologist	15	1

15. FIRM NAME AND LOCATION (City and State)
Terracon Consultants, Inc. (Jacksonville, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
M.A., Anthropology with a focus on Historical Archaeology, University of Florida; 2013 B.A., Anthropology, University of Florida; 2009 B.A., History, University of Florida; 2009	Registered Professional Archaeologist, No. 28686216

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

Blue is the Cultural Resources Group Manager in Terracon’s Jacksonville, Florida office. Blue manages projects in Florida and Georgia, conducts business development, and directs/manages Terracon’s team of archaeologists and scientists throughout Florida and Georgia. Blue has directed or conducted archaeological fieldwork in 17 states, the Caribbean, Canada, and Europe. His project experience ranges from large multi-state pipelines to international mortuary recovery projects and everything in between. He has worked with academic institutions, municipal, state, military, and federal agencies, to ensure compliance with appropriate cultural resource management legislation.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	Highway 301 Bypass Bradford County, FL	2019	Not Applicable (N/A)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
Project Archaeologist. Conducted and directed Phase I level archaeological survey along a corridor that corresponded to the proposed Highway 301 Bypass right-of-way in Starke. Blue’s role consisted of directing field teams, excavating shovel tests, field documentation, logistics/access/coordination, and project administration.			
b.	Smiths Creek Road in the Apalachicola National Forest Wakulla County, FL	2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
Project Archaeologist - Conducted and directed Phase I level archaeological survey along a corridor that corresponded to proposed roadway improvements. Blue’s role consisted of directing field teams, excavating shovel tests, field documentation, and project administration.			
c.	Proposed Improvements to State Road (SR) 50 Project Development and Environment (PD&E) Study from US 301 to County Road (CR) 33 Hernando, Sumter, and Lake Counties, FL	2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
Project Archaeologist. Conducted and directed Phase I level archaeological survey within the proposed corridor of a bike trail. Blue’s role consisted of directing field teams, excavating shovel tests, field documentation, logistics/access/coordination, and project administration. Subsequently, co-authored the technical report.			
d.	Tavares Prison Camp Property Lake County, FL	2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
Project Archaeologist - Conducted Phase I level archaeological survey within the boundaries of the former Tavares Prison Camp site. Blue’s role consisted of excavating shovel tests, field documentation, and project administration.			

(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)
Airport Road Expansion Duval County, FL	2016	N/A
(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
<p>e. Project Archaeologist. Conducted Phase I level archaeological survey along a corridor that corresponded to the proposed Airport Road Extension right-of-way. Blue's role consisted of excavating shovel tests, field documentation, and project administration.</p>		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

12. NAME Brennan Hagan, PWS	13. ROLE IN THIS CONTRACT Professional Wetland Scientist	14. YEARS EXPERIENCE	
		a. TOTAL 7	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION (City and State)
Terracon Consultants, Inc. (Winter Park, FL)

16. EDUCATION (DEGREE AND SPECIALIZATION) Graduate Certificate, Emergency Management and Homeland Security, University of Central Florida, 2021 M.S., Urban and Regional Planning, University of Central Florida, 2021 B.S., Interdisciplinary Studies – Environmental Science University of Central Florida, 2018	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Wetland Scientist (PWS) No. 3469 FWC Authorized Gopher Tortoise Agent No. GTA-22-00021 S-130, S-190, L-180 Basic Wildland Firefighter Training
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Brennan is an Environmental Planning Group Manager in Terracon’s Florida Division. He has more than seven years of experience as an environmental professional, specializing in environmental permitting, wetland delineation, environmental planning, arboricultural services, and listed species services in Florida. His expertise includes wetland delineation, wetland permitting and compliance, design, implementation, and design of wetland mitigation plans, sovereign submerged land authorizations, hydrologic surveys, sand skink surveys, tree inventories, tree health/risk assessments, reviewing/interpreting municipal code, and gopher tortoise surveys/relocations.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Orange County Public Schools (OCPS) Continuing Contract Various Locations Districtwide	Ongoing	Not Applicable (N/A)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
a. Staff Scientist for this continuing environmental consulting services contact with OCPS. The scope of services includes sand skink surveys, burrowing owl surveys, consultation with the United States Fish and Wildlife Service (USFWS), gopher tortoise burrow surveys and permitting, wetland delineations and permitting, and consultation with the Orange County Environmental Protection Division (OCEPD) and Florida Fish and Wildlife Conservation Commission (FWC).		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
South Fork High School Martin County, FL	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
b. Project Manager for this multi-phase project in coordination with Martin County School District. The first phase of this project included listed species assessment and wetland delineation. The second phase involved amending the existing conservation easement onsite. Efforts included initial wetland evaluation based on a UMAM analysis, creating a mitigation plan and monitoring plan, facilitating agency field visits, and preparing project documents for submittal to South Florida Water Management District (SFWMD). Fee: \$40,100		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Bass Pro Okeechobee Fishing Resort Okeechobee, FL	PROFESSIONAL SERVICES 2023	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
c. Project Manager. Assisted in obtaining a formal wetland determination with SFWMD associated with this site. In addition, was the primary observer on the crested caracara survey from January 2023 – April 2023. Fee: \$43,626		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Annual Wetland Monitoring, City of Apopka Apopka, FL	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
d. Project Manager/Senior Staff Scientist. The project includes Lakes McCoy, Standish, Wilkins, and Wolf. Terracon has completed the 2022 vegetation transect monitoring report for condition #49 for the City of Apopka’s St. Johns River Water Management District (SJRWMD) Consumptive Use Permit (CUP) No. 3217. This annual report was based on		

continually collected data and in situ site conditions. Fee: \$3,500

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Palm City Elementary School Martin County, FL	2021	N/A

e. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

Project Manager for this wetland permitting contract. The scope of work includes a wetland delineation report and permitting, gopher tortoise burrow surveys and permitting, and consultation with FDEP and SFWMD. Fee: \$12,343

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER
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21. TITLE AND LOCATION <i>(City and State)</i> Proposed Maintenance Facility at Port St. Lucie Public Works Facility Site Port St. Lucie, FL	22. YEAR COMPLETED <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">PROFESSIONAL SERVICES</td> <td style="width:50%;">CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td style="text-align: center;">2023</td> <td style="text-align: center;">N/A</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	2023	N/A
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>				
2023	N/A				

23. PROJECT OWNER'S INFORMATION
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a. PROJECT OWNER City of Port St. Lucie c/o CPZ Architects	b. POINT OF CONTACT NAME Chris Zimmerman, AIA	c. POINT OF CONTACT TELEPHONE NUMBER (954) 792-8525
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>
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The project site, composed of three parcels of land, is the current location of the Port St. Lucie Public Works Facility. The proposed conceptual site development includes a new maintenance building, warehouse, and administration building.

Terracon performed a limited asbestos survey of an existing maintenance building to assess potential hazardous materials due to the planned renovation of the structure; a Limited Site Investigation (LSI) to assess soil and groundwater quality for

potential impacts associated with the recognized environmental conditions (RECs); an Expanded LSI (ELSI) that included additional groundwater assessment in an area south and southwest of the maintenance building and in the vicinity of the covered storage area to further assess the horizontal and vertical extent of groundwater impacts; a Supplemental ELSI (SELSI) to further assess the soil and groundwater impacts reported within samples collected during the completion of the LSI and ELSI and build upon the data to provide a more comprehensive picture of soil, groundwater, and subsurface vapor quality at the site; and a second SELSI (S2ELSI) to further assess the soil, groundwater, and vapor impacts reported within samples collected in the area of the maintenance building during the completion of the LSI, ELSI, and SELSI. The S2ELSI focused on confirming groundwater quality and further developing an understanding of potential soil vapor exceedances that could result in vapor intrusion to the existing maintenance building and the proposed maintenance and warehouse building footprints.

Terracon's Fee: \$74,100 to date

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Subconsultant
b.	(1) FIRM NAME Terracon Consultants, Inc.	(2) FIRM LOCATION <i>(City and State)</i> West Palm Beach, FL	(3) ROLE Subconsultant
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

2



**METHODOLOGY/
APPROACH**

METHODOLOGY/APPROACH

INTRODUCTION

MARLIN's project management philosophy is to produce technically sound contract documents which reflect a well-defined scope, on schedule and within budget. With our team's extensive experience, our approach to this contract will focus on alleviating your staff's workload by providing expert professional services, leveraging technology, and developing innovative solutions to meet the safety and operational challenges of the City. **Contract Project manager Betsy Jeffers, PE**, will be the single point of contact throughout the contract's life. Betsy is a proactive, hands-on Project Manager with 31 years of design and project management experience. For 26 years, Betsy served the FDOT D4 Design Office, where she managed multiple reconstruction projects, including Design/build projects, such as the Veterans Memorial Bridge in Martin County and the widening/reconstruction of US-1 in St. Lucie and Indian River Counties. Betsy will be responsible for identifying the appropriate design teams based on team expertise, experience, and assignment scope.



MARLIN has developed an outstanding team to support the City of Port St Lucie's E-RFP. We have long-term professional relationships with each of our subconsultants, adding another layer of synergy to the Team. We have partnered with **Allbright Engineering, Inc. (D.B.A Snubbs)**, for drainage and environmental, **ASA Consultants, Inc.**, for structural analysis, **GEOSOL, Inc.**, for geotechnical support, **Miller Legg & Associations, Inc.**, for landscape architecture, engineering contract administration/management, **Ritzel-Mason, Inc.**, for surveying and mapping/SUE, and **Terracon Consultants, Inc.**, for environmental studies, natural resources, permits and clearances.

CONTRACT METHODOLOGY

The scope of this contract is essentially to serve as an extension of the City's Staff by providing a range of professional engineering services for various task work orders (TWOs) included in section A of the E-RFP. The initial term of the contract is for three (3) years with two (2) one-year options to renew. Under this contract TWO's budgets are not restricted but are typically limited to \$500K per TWO Study Activity Projects, and \$4,000,000 for professional services contracts for construction projects. Most design work is performed in the first 3-years of the 5-year term with the last 2-years (Optional) providing the required post-design services. The method of award for the Continuing Services Projects will be based on a rotation system determined by the final ranking of each firm in the contract selection process. Once our Team receives a TWO request, we will generate a detailed Scope of Work document, schedule, maximum Budget , and detailed staff hour estimate (SHE) defining the Time and Expense or Lump Sum Fee, to accomplish the task. The SHE shall include prime and major sub-tasks and man-hour breakdown for the work to be performed. Cost limitations for this contract are in accordance with the Florida Statute, 287.055.

The Contract's Design Engineering services shall include Survey, geotechnical, design and permitting associated with the preparation of a construction plan set for each project; including but not limited to intersection improvements, drainage modifications, driveway and culvert replacement, utility relocations, roadway, and sidewalk improvements, electrical and landscaping. The selected Consultant will be responsible for providing support during the bidding, award, and construction phases of each project, as needed, quickly responding to requests for information. In addition, the Consultant shall be required to provide coordination and assistance with public notifications during the design and/or construction phases of the project. Post design services may also be included as necessary. **We also understand that new initiatives unknown at this time can be implemented using this contract.** In the past these initiatives included SMART work-zone management;

innovative transit improvements; emergency relief projects and wrong way driving countermeasures to name a few.

A potential challenge with TWO contracts is the management of multiple TWOs concurrently and delivering high quality products on schedule and within budget. For this reason, it is imperative to assign a proven, hands-on PM. Our proposed PM, Betsy Jeffers, PE is an experienced, proactive, and hands-on PM with 30 years of design and project management experience. For 26 years, Betsy served at the FDOT D4 Design Office where she managed multiple design projects as the head of in-house Design Section 1 and as a Consultant PM. She will serve as the contract manager and single point-of-contact to the City's PM and Contract Administrators (CA). Her vast knowledge of D4 LAP and design procedures, intra-department functions, excellent project management experience, and track record of submitting quality products makes her the ideal PM for this contract.

Betsy, has successfully managed similar Continuing Services Contracts (CSC) for many years. Her experience goes beyond multiple TWOs concurrently, but multiple CSCs at the same time, ranging in clients and regional areas, including not only FDOT but multiple municipalities throughout Broward, St. Lucie, Martin, and Miami Dade counties. The MARLIN Team's objective is to guarantee each project's successful completion, and proactively control all aspects of the contract so that the contract or any project do not become a burden on the City or the City's PM. By utilizing MARLIN's Contracts Spreadsheet Tracker, our PM can actively track each TWO's schedule, design and construction budgets, ensuring sufficient funding through construction. MARLIN's accounting and finance department will support Betsy, and in turn assist the City's CA to effectively monitor the contract amendments, invoicing, encumbrances and TWO expiration dates while providing status updates on request. Upon the execution of the contract, she will efficiently manage and control the work, including identifying, tracking, and resolving project issues; disseminate information and identify and mitigate project risks. She will share lessons learned with the Team, and provide QA audits at every phase submittal. She will ensure that proper resources are available, and the appropriate technical staff is assigned to guarantee adherence to the scope, budget, and provide the required quality for each TWO. **The management of subconsultants is another critical issue of this contract.** Our PM will require all subs to disclose availability prior to the assignment of any TWO. She will select the Task team based on technical expertise, current workload, knowledge of the municipalities and stakeholders, experience completing the same services, and proximity to the project location. If a task is falling behind, Betsy will immediately execute a recovery plan to address any shortfalls by assigning additional resources and assisting in the compression of the schedule if needed. Although each Task-Team Leader will lead independent TWOs, Betsy will remain involved as the PM for managerial issues to ensure TWOs meet project objectives and quality expectations.

The MARLIN team will support our task leaders to ensure that the appropriate expert resources are utilized to meet task workorder requirements, schedule, and quality expectations. The depth and redundancy of our team allow for greater availability to perform multiple tasks with expert staff with additional teams available on short notice if needed. Our experience working with municipalities and third-party agencies allows us to provide coordination, oversight and management support of conventional design, as well as **Local Agency Program (LAP)** projects administered by FDOT D4. Based on lessons learned from our previous CSCs, our team has enhanced procedures to streamline the development of procurement documents; expedite procurement schedules; manage the budget; coordinate appropriate required approvals from local agencies, FDOT D4, FDOT Central Office (CO) and/or Federal Highway Administration (FHWA), and stay abreast of new directives from FHWA or CO, when applicable.

PROJECT METHODOLOGY

DESIGN CRITERIA

Our team will evaluate existing conditions and key design elements for safety, aesthetics, and suitability during the design phase. Our team will prepare a complete set of construction plans, specifications, technical specs, reports and documentation in accordance with **the FDOT FDM and Standard plans, Florida Greenbook Standards, City of Port St. Lucie – Code of Ordinances, Utilities Systems and Standard Drawings (Revised 2015), Standard Construction details dated Dec 2019, Engineering Standards for Land Development (dated Dec 2020) as well as AASHTO Guides, MUTCD, MUTS, ITE and FDOT Complete Streets manuals where applicable.** In addition, accessibility issues will follow the **2010 ADA Standards for Accessibility Design and 2011 ADA & ABA PROWAG and AASHTO Guides.** Our team is fully aware of the **St. Lucie County TPO Smart Moves 2045 LRTP initiatives** and will ensure design solutions support this initiative.

As the single point of contact between MARLIN and the City, Betsy will be responsible for the contract administration, design schedule, budget, plans production, and the overall coordination. Betsy understands that good project management starts with a strong **Project Management Plan (PMP)**. Our PMP is a living document and a resource for our staff and the City. The PMP includes a contact list, scope details, local stakeholders, quality expectations, key issues and commitments, schedule/milestones, a document control process and subconsultant management process. Our PMP consists of five major sections:

- Risk Management
- Communication Plan
- Public Involvement Plan/Community outreach
- Cost Control
- Quality Control/Assurance Plan (QA/QC)



The **Risk Management Plan** identifies unexpected events, assesses the probability and severity of impacts, identifies mitigation strategies and documents implementation solutions. For this contract, one major risk is continually rising contract costs currently being felt throughout our industry. Although some factors may be out of local control, it is incumbent upon our team to completely understand each TWO scope, anticipate various pitfalls, challenges and alternatives for each project early in the process. This upfront analysis will help mitigate risks from the outset creating a more stable, realistic budget and schedule in support of the City's work program.



A thorough **Communication Plan** keeps the City, our design team and local stakeholders well informed regarding the project development. At the onset of any TWO, Betsy will coordinate with **City Project Manager (PSLPM)** to determine communication protocols, chain of command and escalation process. Coordination is a critical element of a successful project, and we recognize that keeping the City informed of project issues and commitments will lead to timely resolutions. Regular communication is essential to proactively identify and address any possible delays to the schedule or impacts on the budget. Therefore, we propose to conduct monthly progress meetings with the PSLPM to review project status and discuss relevant project elements. Weekly internal team progress meetings will include all assigned staff and subconsultants. Monthly reports and updates will be sent by email or Google Drive, which will be available to all team members. Given the benefits of face-to-face interactions, Betsy and our Palm Beach Gardens office design team are less than 45 minutes from the Port St. Lucie office, and available at a moment's notice if needed.



The Communication Plan also includes the **Public Involvement Plan/Community outreach** for information dissemination to the neighboring communities and businesses. Effective public outreach is a key element of our team's approach. The MARLIN team understands that early and transparent public engagement improves the local community's understanding of the project intent, builds trust, and identifies community goals and unique opportunities. These public involvement strategies include stakeholder/advocacy group engagement, targeted agency and municipal coordination, innovative tools such as community surveys, social media, and online crowdsourcing. Outreach methods include face to face meetings, website posts, meetings with special interest groups, live streaming via Facebook Live/X (Twitter), and virtual/hybrid meetings with stakeholders. The MARLIN team is ready to prepare public information outreach materials in multiple languages for presentations, newsletters, and/or news releases. Our team has a proven track record working with municipalities to develop public participation plans, lead public presentations for stakeholders and technical working groups, prepare materials for public meetings, and equip City staff with effective presentations, maps, photo displays, photo simulations, and other large-scale color graphics. The following strategies will anchor the overall public outreach approach to this important contract:

- **Listen, learn, respond:** Listening to stakeholders, learning community needs, responding to requests.
- **Collaborate:** Educating and informing ourselves and stakeholders, effectively communicating via a two-way dialogue.
- **Evaluate, Modify, Refine:** Evaluating stakeholder feedback, modifying strategies, and refine project messaging.
- **Adapt:** Understand that any meaningful public outreach campaign is not a one-size-fits-all. Our team approaches each project as a customized information exchange for different stockholders while maintaining a consistent message.



Cost Control Plan: Betsy and/or the Task Manager will track project expenditures versus the agreed-upon schedule allowing her to anticipate potential issues well before any situation becomes critical. She will provide monthly progress reports and invoices to the PSLPM with an earned value graph (EVG) comparing dollars versus time expended to date. All subconsultant invoices will be reviewed and validated prior to submittals.

Given the current cost and materials issues prevalent within the construction industry, a structured and detailed cost control process is extremely important to maintain local agency’s limited budgets. Our Team’s Cost Control Plan will monitor the design, construction, and post-design budget to anticipate cost issues and minimize scope creep. Betsy/Task manager will monitor construction estimates through detailed itemized cost estimates and AASHTOWare systems at each project milestone or with any major scope changes. We will use our three-way checklist concept to verify quantities and pay items for an additional layer of concurrence. To avoid issues with quantities during construction, we will conduct thorough checks during design, including hand verification of the “high-ticket” items or 90/10 analysis. (i.e. asphalt quantities, concrete, and drainage). Also, FDOT D4’s recent quantities requirements at 60% ensures detailed budgets are developed earlier in the design process. The post-design budget will be controlled during construction by rapidly responding to RFIs and quickly reviewing shop drawings.



The **Quality Control/Assurance Plan (QA/QC)** will ensure constructible, biddable and error-free plans. Plans will be developed, fine-tuned, and submitted through MARLIN’s Digital Delivery Process. Our team’s rigorous Quality Management Plan (QMP) process will be an integral part of this delivery process to ensure high-quality deliverables. QA/QC will be discussed in more detail in the Quality Control Approach.

CONTRACT APPROACH

Each TWO will be directly coordinated with the City assigned PM and CA. **Below we describe the typical approach MARLIN will take for each TWO under this contract:**

- 1 Upon assignment notification, meet with the City’s PM to understand the scope of work and discuss project objectives and expectations. Check the overall contract time remaining to ensure the new task can be completed within the 3-year period of the contract, with the 2-year extension part of this discussion.
- 2 Conduct data collection by obtaining right-of-way (ROW) maps, straight-line diagrams, as-built plans, aerials, PCS, LREs, safety reports, traffic data, crash reports, any off-system agreements, etc. Research upcoming or over-lapping projects using City Work Program, FDOT ProjectSuite (PSEE), GIS database, and PD&E studies to avoid construction conflicts, and to properly integrate design features among the projects (i.e., milling limits, signal equipment integration). Coordination with City Maintenance to assess their desires for additional features and identify if LFAs will be needed. Early coordination with City staff will be key. (Proprietary equipment needs should be part of this discussion.)
- 3 Assign the best suitable team for the task based on the information collected.
- 4 Conduct a field review to validate the scope, identify constructability issues and design constraints (i.e., overhead/newly installed utility conflicts and ROW impacts, etc.) We will invite the assigned-to-task team, and the appropriate City/FDOT/County staff to the field review.
- 5 Develop and submit the final scope, staff hours, to the PSLPM for review and approval. Since tasks are all-inclusive, it is important to maintain reserve funds for post design services.
- 6 Negotiate and execute TWO; receive NTP.
- 7 Provide a TWO-specific QC Plan with staffing charts.



- 8 Perform early coordination with stakeholders. This is imperative to the project’s progression, as third-party decisions or preferences could impact the schedule. Lesson learned, the local support can change with time (e.g., staff change with elections or public objections), therefore, continuous coordination is critical to ensure that the proposed scope items and resolutions remain valid. Typical stakeholders include City officials, St. Lucie County, utilities owners, and local user groups. Typical third-party coordination may include Utility Work Schedules, ROW requests, Maintenance of Agreements (MMOAs), etc.
- 9 Discover the project schedule, and set up payout curves to track our progress versus expenditures.
- 10 Initiate work on critical path components such as survey, geotechnical, ROW, utilities, and permitting.
- 11 Projects will be treated as standalone projects, and plans will progress through initial, constructability, biddability and production phase submittals. Our Team is very familiar with the FDOT Electronic Review Process (ERC) and will utilize as applicable. We will place special emphasis on obtaining early approvals for typical sections, pavement design, Design Criteria concurrence letters/package, LFA and Maintenance Commitment Letters, design exceptions and variations, railroad clearance, ROW clear letter, etc.
- 12 Reconcile unused funds back into the main contract after the project letting.
- 13 Execute a new TWO for post-design services. Review shop drawings, respond to RFI’s, and meet with the contractors and CEI staff to resolve any issues.

SCHEDULE

Betsy will develop each CPM schedule to manage critical path items, maintain positive float, and identify/resolve risk items. Major design decisions will be coordinated with the City early in the process to avoid false starts and eliminate design changes that can directly impact the schedule and budget. Our experienced team has worked on similar CSCs in the past and can apply lessons learned to help identify and maintain individual task commitments and schedules. Critical path items such a Permits, License Agreements, utility issues, and right-of-way will be addressed early to expedite the schedule and minimize potential risks. Weekly production meetings will be held to track design activities, budgets and staffing needs. Given our Project Manager and Team’s experience and resources, we have the ability to accelerate a project schedule based on community and/or City requirements or needs. Every TWO’s schedule is discovered and maintained ensuring all applicable activities and critical path durations are set, milestones are properly staggered (at least 3-4 months between each submittal), and deliverables are submitted on-time. Streamlined schedules can be accomplished for smaller projects which may be able to skip the 30% (Initial Engineering) Phase for quicker delivery. We are committed to maintaining positive float on all TWOs. We do this by updating the schedule monthly and looking 30, 60 and 90-days ahead at all upcoming activities (e.g., survey, utilities, R/W, local agencies approvals, etc.) to ensure they are always following early-start and early-finish. This also allows for any unforeseen addition to the project or delay to be mitigated by adding resources and/or compressing activity durations if needed.

For a typical task, project milestones will be Phase I, Phase II, Phase III, and Final Plans Specifications and Estimates Phase. Such submittals are in accordance with the requirements of the City’s Engineering Standards for Land Development Chapter 14 and FDOT District 4.



Phase I / Initial – (30% plans) – The Initial design phase is the scope refinement phase. This phase includes all scoping items supporting the project intent, including the typical section, and the horizontal and vertical geometry. Plans reflect city/community input and will be used to initiate the permitting and utility coordination processes.



Phase II / Constructability (60% plans) – This phase focus: Can we build what we scoped? Our Team will address all comments from Phase 1 as well. It must be detailed enough to be reviewed by our construction engineering expert for constructability, practicality, and value engineering. Pay items needed to construct our design will be identified, and any required special pay items or specifications will be determined. At this phase, R/W requirements are determined and submitted along with the plans to permitting agencies. Recent Change: FDOT District 4 recently required 60% plans submittals to include detailed pay items and quantities to improve construction estimates versus LRE earlier in the design process.





Phase III / Biddability (90% Plans) – This phase focus; can we pay for what we are building? This fine-tuning step, primarily consists of finalizing/modifying the design plans to implement any comments and concerns from the Phase II plans submittal. The MARLIN team will have secured all required clearances and permits pertinent to the proposed design. Total pay-item quantities and a final cost estimate are developed during this phase.



Final Plans Specifications and Estimates Phase, (100% plans) are finalized with comments incorporated from Phase III. Specifications and any supporting construction documentation are prepared and finalized. The design and plans are complete, signed and sealed, and ready for construction!

BUDGET

MARLIN pride ourselves on managing project budgets effectively, fully cognizant that working for public clients means being entrusted with taxpayer dollars- a responsibility we take very seriously. Betsy will provide monthly progress reports to the PSLPM with an **Earned Value Graph (EVG)** identifying design budget expended vs. project schedule. All subconsultant invoices will be reviewed to validate billing versus progress. If there are unanticipated budgetary issues, we will develop a mitigation plan and/or strategize solutions to address them as effectively as possible. The design budget will be tracked at the TWO level and the contract level to ensure there are always sufficient funds in the contract. Monitoring of each TWO ensures that invoicing is at or below the pay-out curve, that DBE/SBE utilization goals are being met, and that post-design budget is included for each TWO. As with many CSCs with Time and Expense or Lump Sum Fee, there is often a small amount of remaining funds. These unused funds can be returned to the general contract funds via a negative dollar amendment after final invoicing, allowing a more accurate accounting of the overall remaining contract budget. Also, in an effort to ensure no procedural changes impact each project budget, Betsy will monitor all appropriate design bulletins for procedural/criteria changes that could impact the project design budget.

The design and construction budget are monitored and controlled by having a well-defined TWO scope of work, avoiding scope creep, creation and maintenance of the LRE, and construction itemized cost estimate. As the design progresses, all necessary pay items will be included based on the BOE and the standard specifications. A comprehensive understanding of the basis of payment for pay items ensures proper identification of and payment for each design element. With an accurate estimate and funding in place, the Team can more easily identify value-added solutions applicable to the task. The construction budget is managed by LRE updates up to the Constructability submittal, including the WP cycle update, and thereafter by using AASHTOWare to ensure consistency with the work programmed construction budget. Lifecycle maintenance cost is always considered in our design, and we coordinate with the City Maintenance Office for elements that can impact their budget.

PROJECT MANAGEMENT APPROACH

Our approach to project management follows a proactive coordination philosophy. This approach empowers our team members with the resources and data to effectively perform client services. In addition, our philosophy creates a strong team synergistic partnership allowing us to provide the City of Port St. Lucie with collaborative planning, design and construction management services that will ultimately benefit and City and community.

As the **MARLIN team Project Manager, Betsy** will quickly recognize the project needs and rapidly identify the specific staffing and resource requirements to complete any project within the City’s time schedule. Betsy has the experience and expertise to successfully represent the City with this important contract. She brings 30+ years of experience working as a professional engineer on design improvements for municipal, county, and state agencies in South Florida.



She will be the primary contact with the City’s Project Manager and will have the responsibility of coordinating the engineering and planning effort of the MARLIN team to ensure that the expectations of the City are met during all phases of any assigned project. The MARLIN team understands that a “strong start” is essential to ensuring the success of a project.

Upon receiving the **notice to proceed**, Betsy will organize a kickoff meeting. The purpose of this meeting will be to ensure that all the team members understand their project assignments and that the following critical components are completely understood: Project Scope & Objectives, Budget, Schedule, Key Deliverables, City Expectations and Responsibilities, and applicable Criteria. Additional items of focus include Key Stakeholders, Risks, and corridor safety concerns. Betsy will work with the QC officer to proactively establish project specific in-house quality control processes/reviews prior to the completion of milestones; and ensure that the phase review comments are addressed and resolutions developed and incorporated. In collaboration with each TWO manager, she will select team members specifically suited for each task. **Open Communication:** Betsy will maintain open lines of communication with each of the subconsultants to coordinate tasks and discuss progress and deliverables. Her communication strategy including structured progress meetings, is critical and the foundation for eliminating costly work redo, errors, and schedule delays.

ROADWAY DESIGN

Successful roadway plan development and design begins with understanding the existing conditions, community needs and project intent. A field review will be performed to fully document existing conditions and deficiencies. Our team will verify the governing design standards at the commencement of the design process, which could be FDOT standards, Florida Greenbook, County or Municipal codes or a combination of these. Innovative design concepts should be brainstormed, developed, and evaluated within the scope parameters. Local stakeholder input can help define the local context and identify alternatives that meet the public’s safety and operational needs. Typical sections and concept plans will be developed and presented/discussed with the City and stakeholders for review/approval prior to the formal Phase 1 plans submittal. Any necessary design variations/exceptions will be identified, verified, and developed. This is also a time to start discussing potential proprietary items (Lighting, signalization, etc) which may network with existing City facilities.

The MARLIN team is fully aware of **safety initiatives** such as Target Zero adopted by FDOT and local agencies with all modes of transportation in mind including the Temporary Traffic Control Plan (TTCP) development. Identifying cost-effective safety related opportunities with each project is a top priority for the MARLIN team. We will support the City in creating roadway facilities designed to enable safe and convenient operations for all users; a Complete Streets concept. Complete Streets are context-sensitive solutions and may include: accessible bike and pedestrian upgrades, transit improvements, safe ped crossing opportunities, increased green space/shade opportunities, and roundabouts/intersection improvements, etc, to safely promote alternative modes of transportation and support the City’s detailed Strategic Plan.

Our Team’s extensive experience with roadway design improvements include; lane repurposing, intersection improvements (roundabouts, traffic signal safety replacement, queue jumping, bike lanes/boxes), strategic roadway resurfacing, sidewalk installation and repairs, ADA upgrades and drainage system/culvert installation or replacements. Our team remains at the forefront of CADD innovation utilizing OpenRoads/OpenBridge Modeler and Civil 3D for our widening and reconstruction projects. **Lesson Learned:** Our Team is fully aware of the 2022 FDOT LAP bulletin to implement low-cost safety counter measures in project design and construction as a mandatory condition for Local Programs grant funding.

ENVIRONMENTAL & LOCAL PROGRAM MANUAL (LPM AND LAP PROCESS)

Due to the requirements of the Local Program Manual (LPM) (LAP process), environmental and cultural review is required. Our staff has vast knowledge and experience with LAP projects. Most of our staff are former FDOT District 4 employees and are extremely familiar with the Federal process and requirements. Per the LPM manual, as a Federally Funded Project, LAP projects should follow the processes and documentation methods outlined in Part 1 Chapter 4, Section 4.2.2 of the PD&E Manual to the extent practicable. Environmental evaluations are required for all projects to comply with Federal and State laws and Department policy. The level of assessment and documentation depends on the nature of the project, the potential for impacts, and the level of Department involvement.



Many LAP projects will meet criteria of a **Type 1 Categorical Exclusion (CE)** class of action in accordance with the Part 1, Chapter 2 of the PD&E Manual. This class of action will be confirmed early in the design process with a GIS Desktop and Field review. If or when project commitments are identified for a LAP project by either City staff or Department staff (i.e. project engineer, project manager, Environmental Office), a Project Commitments Record (PCR) Form must be generated and provided to the City and District LPM Administrator for the project file. Our Team will work closely with the FDOT to ensure coordination includes all appropriate agencies including FDEP, Florida Fish and Wildlife Conservation Commission, and US Fish and Wildlife Services. A Permit Determination Memo will be prepared including all protected species wildlife effect determinations and environmental resource license permitting exemptions. The PCR Form is generated in PSEE. The PCR must be included in the City's construction and CEI contracts. The LAP environmental desktop and field review checklist will be initiated and the field visits documenting all natural resources within the project limits will follow.

DRAINAGE ANALYSIS/PLANS

Our drainage design will work with surrounding terrain to maintain historic drainage patterns. Elevations at the project borders are of particular interest because they indicate whether the project is a net importer or exporter of stormwater. Our design will balance the needs of proposed improvements to ensure that post-development peak discharges are less than or equal to predevelopment peak discharges. We will develop hydraulic models to simulate flooding elevations during design storms (typical rain events) and severe storms to ensure that proposed project improvements do not contribute to or exacerbate existing flooding.



Hydraulic modeling is key when designing culvert replacement projects since model results indicate the anticipated Level of Service (LOS) that will be provided by the culvert. Typically, the LOS for a culvert varies depending on the area it serves. Acceptable LOSs are as follows: 10-year storm for containment within the roadside, 25-year storm for containment within the major canals, and 100-year storm for no flooding of structures or dwellings

Whenever possible, we will seek cost-effective drainage improvements by regrading low areas to create onsite runoff storage. Where R/W is constrained, and soil conditions allow, we will employ exfiltration trenches. Pavement restoration drainage requirements will be minimized by utilizing exfiltration trenches in roadside swales where possible. If project constraints require stormwater infrastructure placement under the pavement (IE pipes), proposed elements will be centered in the travel lane to ensure manholes are not in the vehicle wheel path.

All drainage designs will be developed with regulating agency input to ensure the project is permissible. Most proposed work is a net improvement and not subject to new development standards. Once 30% plans are approved, we will conduct a pre-application meeting with the permitting agency to explain the scope and concept. This will assist reviewer understanding of our approach and expedite review time while minimizing the potential for additional stormwater treatment requests that may be outside the project scope. Concurrent permitting may be necessary through the Water Management District (WMD) for projects that connect to regional trunklines with outfalls into District systems. In these cases, pre-application meetings with the appropriate WMDs will also be conducted. Our Team's Drainage design and permitting will be led by Aylin Costa, PE, who has over 20 years of experience working with permitting agencies across the State to deliver projects for FDOT and several local municipalities.

CULVERT REPLACEMENT/REPAIR

Culvert Replacement/Repair includes a review of sufficiency and health indices to identify concerns with existing culverts. Any ratings below 80 and 85 respectively, indicates that the cost of repairs versus replacement costs should be evaluated. Replacement or repair requires costly sheet pile installation in lieu of dewatering. In many cases, existing field constraints and parameters dictate design, however, our objective is to provide cost-effective structures that are accessible for maintenance within the existing constraints. Our construction experts will review plans for constructability, phasing, and cost effectiveness, as well as: Crane location, Transportation of girders, Access to the site during construction, Safety to the public (MOT), Economical Solution, Durability and Maintenance, and Innovation.



SURVEY/SUE/UTILITY COORDINATION

In order to maintain an aggressive schedule, field crews will start collecting data within one week of NTP for each TWO. LiDAR scanning enhances crew safety by keeping the field crews out of traffic and expedites the final deliverable to the Design Team. Survey control points will be set throughout the corridor at project appropriate intervals and tied into Published National Geodetic Survey (NGS) Control. Any discrepancies will be reported immediately to the EOR for determination and possible request for supplemental information. Survey Topographic data will be extracted and used to build an accurate Digital Terrain Model (DTM). Based on the design scope, subsurface utility identification may be required and included in the survey. Utility coordination tasks will begin with the Sunshine ticket identifying relevant Utility Agency Owners (UAOs) throughout the corridor and request any plans or maps. Subsurface Utility Engineering (SUE) crews will review the plans and designate the underground lines utilizing Ground Penetrating Radar (GPR) and Electromagnetic (EM) methodology. If potential conflicts are identified, Vacuum Verification Holes (VVHs) or Soft-Digs will be performed. All VVHs locations will have the utility depth, size, material and owner (if known) identified and included in the Design Survey. Preliminary plan layouts will be distributed for UAO markups. A utility design meeting with UAOs will be conducted prior to 60% plans (Constructability review) to discuss SUE results, the conflict matrix and Utility Work Schedules for any relocations. If there are no conflicts, No Conflict letters will be obtained. Early coordination with UAOs will also facilitate requests of Utility Work by Highway Contractor agreements as needed.

The best or most obvious design alternatives are dependent upon R/W constraints and/or existing utility avoidance. Our Team will optimize design feature locations to avoid or minimize underground conflicts through strategic use of SUE data. Features such as Signal and light pole placement must also consider overhead conflicts such as power and communication lines, keeping in mind lateral offsets based on voltage and potential construction challenges, including de-energization and low-profile equipment utilization. Utility avoidance is essential to good design practices and is the key to cost and schedule compliance.

GEOTECHNICAL

Geotech data may be required for TWOs. The geotechnical approach will include; project initiation, collection/review of all existing data, identification of resource allocations, field reconnaissance, and finally, construction monitoring and reporting. If required, our Team maintains an in-house foundation testing database of regional data that can be consulted for relevant information that may be useful for each TWO. A detailed scope of services will be prepared and submitted to Betsy (PM), which identifies all geotechnical services, anticipated schedule and delivery milestones for her review and approval. The services will comply with the latest FDOT manuals, procedures, and memorandums in effect at the contract execution date unless otherwise directed by the City. Certified laboratories and experienced personnel will perform all required materials testing.



ROBUST QUALITY CONTROL “DO IT RIGHT WHEN NO ONE IS LOOKING.”

Recognizing the critical importance of a structured quality plan and individual quality culture, MARLIN Engineering has developed a Quality Control/Quality Assurance (QA/QC) procedure that every team member follows. This procedure emphasizes activities and expectations that will ensure high quality services. Our Team commits to delivering plans, specifications, documents, and management practices which meet the highest standards of our profession and will take the following steps to ensure that every deliverable is permissible and buildable with accurate cost estimates to exceed the City’s quality expectations:

- Establish **quality culture expectations** through empowerment and responsibility.
- **Assigning experienced senior professionals** to serve in an independent quality control role.
- **Dedicated QC officer, Richard Creed, PE (30+ years of FDOT Design experience)** will ensure that the right team members are involved in reviewing all deliverables.
- Incorporate our **escalation process** for issue resolution.

QC/QA is a continuous process of effective coordination, communication, review, checking, backchecking, and rechecking to ensure all project documents and deliverables are complete and accurate. This all-inclusive review includes project alternatives, solutions, and analysis, together with design reviews, ensuring top-quality deliverables for the City. MARLIN will prepare and adhere to our comprehensive Quality Management Plan (QMP) detailing the QA/QC assignment specific procedures and team expectations. The QMP will begin prior to any design tasks by identifying the quality documentation and responsible professionals for each deliverable throughout the design process. The QMP will also require that the Engineer of Record (EOR) certify the design deliverables by certifying:

- The design meets project requirements
- All previous comments have been addressed and 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 redundancy to allow personnel to provide a “fresh set of eyes” approach. The MARLIN quality process includes a **formal** and **informal** process.

The **informal** process is the “day to day” emphasis on quality beginning with our company culture and expectations. Each team member understands the efficiency and effectiveness of “quality first.” The typical day to day activities include:

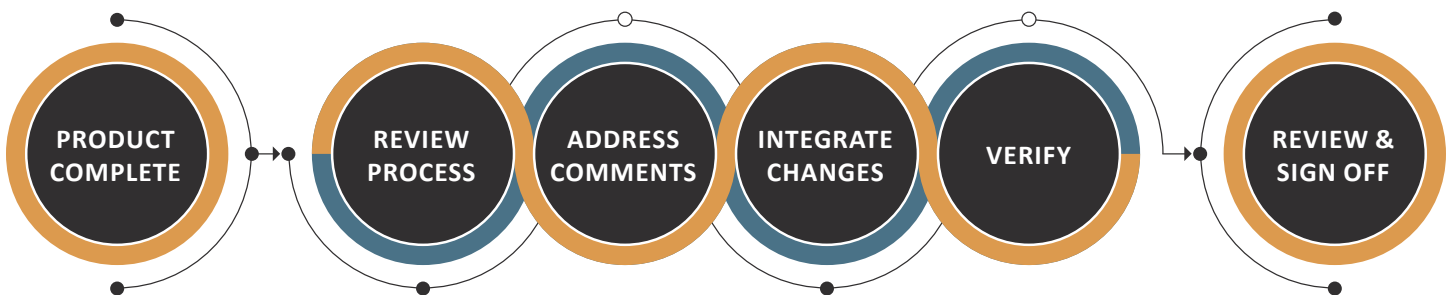
- Utilizing daily best practices- progress reviews, component compliance checks, partial prints, etc
- Conducting progress meetings and updates (periodic printing of component plans can reveal issues or concerns with the plans development;
- Checking drainage – plan sheets/EQ sheets/details review for consistency and accuracy;
- Incorporating lessons learned (MARLIN/FDOT/City) – do not make the same mistake twice.
- Utilize District 4 and City examples of top submittal items and issues.
- Involving CEI staff in Constructability review (60%) with a focus on MOT, utility conflicts, temporary drainage, and signalization.
- Attending PS&E meeting with comments ready to discuss with the design team.

The **formal** process includes our 5-step defined process which is strictly adhered to with each submittal and is outlined as follows:

- Schedule submittals early (5-20 working days)
- Formal process occurs prior to each phase submittal
- RBGY color coded markup process
 - ◊ Review, Concurrence, Incorporation, Verification, Quality Assurance
- All responses to previous phase submittal comments must be clear and concise.

Effective Lessons Learned include requiring new page numbers with all comment/responses to help reviewer verify the change and comment incorporation. 90/10 review process. 90% of all costs are usually found in about 10% of the pay items. Perform an order of magnitude check to verify quantities are accurate. Perform pay item review versus FDOT’s latest master list.

MARLIN’s philosophy is built on a simple foundation, **“Our future successes rely largely on the quality and success of past projects.”** This foundation reflects our core values of exceeding clients’ expectations, providing valuable expertise, leveraging the latest technology, and providing mutual respect, collaboration, and accountability to our clients, partners, and team members.



LESSONS LEARNED

As part of our QA/QC process, previously identified project lessons will be applied to each new TWO. These lessons are another opportunity to streamline design and construction efforts. One lesson learned is that it is critical to obtain accurate survey/SUE data from the start to avoid delays in compressed TWO schedules. For example, existing signal pole and controller cabinet foundations may dictate location-specific curb ramps. A localized DTM, obtained early, can provide detailed information for an appropriate curb ramp design to avoid construction issues. Another lesson learned is signal cabinets access in close proximity to sidewalks where ground elevations and cabinet door orientation can impede sidewalk access. Surveys should capture cabinet base elevations and door orientation. A lesson learned in tight urban areas is back of sidewalk profiles and curb ramp layouts need to consider existing building features, such as doors and building usage (i.e., funeral home, church) to ensure improvements do not impede building access or compromise ADA compliance. We use smart level and laser distance measuring devices to verify targeted survey information such as cross slopes, ADA ramp slopes, and guardrail offset distances. Projects in urban and/or airport areas often require special low-profile equipment or power line de-energization. We have successfully navigated these types of requirements and are familiar with processes involved and the FAA forms. Early identification and coordination of ROW encroachments, potential maintenance maps, easements and license agreements is crucial. Our experienced team’s ability to anticipate unforeseen issues and these “lessons” will help identify risks and appropriate mitigation strategies during scope discovery prior to TWO negotiations.

RESILIENCY AND SUSTAINABILITY (R&S)

Resiliency and Sustainability (R&S) represent critical challenges for the short and long-term success of each community’s livability and quality of life. In support of these challenges, our team will look at innovative (R&S) techniques/opportunities such as increased vegetation opportunities, permeable pavement, bioswales, articulated block maintenance treatments, reduction of heat islands and improved water quality treatments, etc with each TWO. Sustainability does not end with design. MOT plans will emphasize the importance of existing tree survivability which can assist with stormwater drainage and treatment, enhance aesthetics, mitigate the heat island effects, and create a more pedestrian-friendly corridor for residents and visitors. Creating a more livable community is a key LEED principle and a source of pride for our team. We will focus solutions which not only work to meet RFQ scope requirements/documentation but support the **City’s Strategic Plan and Goals** by creating, *“a Safe, Beautiful and Prosperous City for All People- Your Home Town.”* with cost effective, environmentally sustainable solutions.



3



**CERTIFIED MINORITY
BUSINESS ENTERPRISE**

CERTIFIED MINORITY BUSINESS ENTERPRISE (MBE)

MARLIN Engineering, Inc. (MARLIN) is not certified as an MBE firm; however, MARLIN has a proven record of being an MBE/DBE-friendly firm, and we consistently exceed MBE/DBE participation expectations. Many of our existing and past contracts with local, state, and federal agencies have minimum goals established, and we always strive to exceed those goals.

MARLIN took outstanding care in selecting our teaming partner. Port St. Lucie can be confident that the partner chosen for this contract is not only the industry's highest quality firm but a team with a strong history of working on several projects over the years.

For this contract, MARLIN is pleased to include MBE, **ASA Consultants** and **GEOSOL** in our team.

A copy of their certifications can be found below.





**ADDITIONAL REQUIRED PROPOSAL
SUBMITTAL FORMS**

CONTRACTOR'S GENERAL INFORMATION WORK SHEET
E-RFP #20230087

It is understood and agreed that the following information is to be used by the City to determine the qualifications of prospective Contractor to perform the work required. The Contractor waives any claim against the City that might arise with respect to any decision concerning the qualifications of the Contractor.

The undersigned attests to the truth and accuracy of all statements made on this questionnaire. Also, the undersigned hereby authorizes any public official, Engineer, Surety, bank, material or equipment manufacturer, or distributor, or any person, firm or corporation to furnish the City any pertinent information requested by the City deemed necessary to verify the information on this questionnaire.

Dated at Fort Lauderdale, this 12 day of Sept, 2023
 (Location)

Name of Organization/Contractor: Marlin Engineering, Inc.

By: Ramon Soria- President
 Name and Title

1. Corporation, Partnership, Joint Venture, Individual or other? Corporation

2. Firm's name and main office address, telephone, and fax numbers

Name: Marlin Engineering, Inc.
 Address: 10415 Riverside Drive, Suite 101
Palm Beach Gardens, FL 33410
 Telephone Number: 561.229.0239
 Fax Number: N/A

3. Contact person: Betsy Jeffers Email: bjeffers@marlinengineering.com

4. Firm's previous names (if any). N/A

5. How many years has your organization been in business? 32

6. Is the firm claiming Local Preference under City Ordinance 35.12? YES / NO

7. **ADDENDUM ACKNOWLEDGMENT** - Bidder acknowledges that the following addenda have been received and are included in its proposal/bid:

Addendum Number	Date Issued	Addendum Number	Date Issued
#1	09/14/2023		

8. Has the Contractor or any of its principals ever been declared bankrupt or reorganized under Chapter 11 or put into receivership?

Yes ()

No (X)

If yes, please explain:

9. List any lawsuits pending or completed within the past five (5) years involving the corporation, partnership or individuals with more than ten percent (10 %) interest:

See attached list

(N/A is not an acceptable answer - insert lines if needed)

10. List any judgments from lawsuits in the last five (5) years:

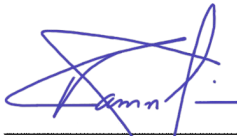
None

(N/A is not an acceptable answer - insert lines if needed)

11. List any criminal violations and/or convictions of the Proposer and/or any of its principals:

None

(N/A is not an acceptable answer - insert lines if needed)



Signature

President

Title

ROBERT AUGUSTIN SPIEGEL V. TATE TRANSPORT CORPORATION, ET AL

Case Number: 13-2018-CA-014391000001

Complaint Filed: 05/02/2018

Incident Date: 10/10/2016

Status: **Voluntarily Dismissed**

MARLIN provided Engineering Consulting to FDOT on a project where another subcontractor's employee was involved in an auto accident.

SATARA NELSON ET AL VS CITY OF MIAMI ET AL

MIAMI DADE COUNTY, FL

Case Number: 132016CA019534000001

Case: Settled

Litigation is currently pending. MARLIN Engineering, Inc. was the design consultant performing civil engineering work on a City of Miami roadway. A tree impacted the view of a stop sign resulting in a driver running the stop sign and causing a traffic infraction.

Incident Date: 08/05/2014

Filed Date: 07/28/2016

CURRENT BUILDERS OF FLA VS AMAYA CONTRACTING STUCCO INC ET AL

MIAMI DADE COUNTY, FL

Case Number: 132015CA014659000001

Case: Closed - MARLIN Engineering, Inc. was dismissed.

Complaint made regarding construction. As a design consultant performing civil engineering work, MARLIN Engineering, Inc. did not perform any construction work. The entire design team were the defendants.

Incident Date: N/A,

Complaint Filed: 06/29/2015

Project: The Citadel Association

GONZALEZ, YOANA VS COMMUNITY CONDOTTE DE MOYA JV LLC

MIAMI-DADE COUNTY, FL

Case Number: 132013CA032426000001

Case: Closed - MARLIN Engineering, Inc. was dismissed.

Complaint made regarding construction. As a design consultant performing civil engineering work, MARLIN Engineering, Inc. did not perform any construction work. The entire design team were the defendants.

Incident Date: 10/12/2012

Filed Date: 10/11/2013

Project: State Road 826, NW 25th Street.

CARIBBEAN CONDO ASSN INC VS. CARIBBEAN GROUP OWNER LLC

Case Number: 132012CA029420000001

Case: Closed - MARLIN Engineering, Inc. was dismissed.

Complaint made regarding construction. As a design consultant performing civil engineering work, MARLIN Engineering, Inc. did not perform any construction work and was dismissed from the case. The entire design team were the defendants.

Incident Date: N/A
Date Filed: 07/26/2012
Project: Caribbean Condo Association

JAMIE BAKER, AS PERSONAL REPRESENTATIVE OF THE ESTATE OF JMB, JR., A MINOR V. HARDESTY & HANOVER, LLC, MARLIN ENGINEERING, INC., TIERRA SOUTH FLORIDA INC, INTERA INCORPORATED, AND TRANSYSTEMS CORPORATION.

Case Number: CACE17015443

Case: Closed - MARLIN Engineering, Inc. was dismissed.

Plaintiffs were on a boat and collided with a bridge. MARLIN Engineering, Inc. was involved in bridge inspection.

Date Filed: 08/11/2017

Date of Incident: 08/13/2015

Project: Dixie Highway Arch Deck Bridge

SEAN MAHONEY V. HARDESTY & HANOVER, LLC, MARLIN ENGINEERING, INC., TIERRA SOUTH FLORIDA INC, INTERA INCORPORATED, AND TRANSYSTEMS CORPORATION.

Case Number: CACE18018305

Case: Closed - MARLIN Engineering, Inc. was dismissed.

Plaintiffs were on a boat and collided with a bridge. MARLIN Engineering, Inc. was involved in bridge inspection.

Date Filed: 08/01/2018

Date of Incident: 08/13/2017

Project: Dixie Highway Arch Deck Bridge

EMILY GIUSTI VS. HARDESTY & HANOVER, LLC, MARLIN ENGINEERING, INC., TIERRA SOUTH FLORIDA INC, INTERA INCORPORATED, AND TRANSYSTEMS CORPORATION.

Case Number: CACE18018813

Case: Closed - MARLIN Engineering, Inc. was dismissed.

Plaintiffs were on a boat and collided with a bridge. MARLIN Engineering, Inc. was involved in bridge inspection.

Date Filed: 08/07/2018

Date of Incident: 08/13/2017

Project: Dixie Highway Arch Deck Bridge

MARIA DAVILA, AS PERSONAL REPRESENTATIVE OF THE ESTATE OF CANDIDO MANZANARES VS. ODEBRECHT CONSTRUCTION, SOLID CONSULTING ENGINEERS, CARNAHAN, PROCTOR AND CROSS, RAFAEL PEREZ CAMEJO, ROVERSYS HERNANDEZ, RAMIRO ROBLES AGUILAR, FDOT, MARLIN ENGINEERING, F&J ENGINEERING GROUP, UNIVERSAL ENGINEERING SCIENCES, AND GENERAL ENGINEERS.

Case Number: 2019-002867-CA-01

Case: Closed - MARLIN Engineering, Inc. was dismissed.

Litigation is pending. MARLIN Engineering, Inc. provided design consulting services to Odebrecht Construction for a roadway. Two workers (from one of the other companies) engaged in a car race after their shift and struck and killed an Odebrecht employee.

Date Filed: 01/19/2019

Incident Date: 04/08/2017

Project: Krome Project

NOTICE TO ALL PROPOSERS:

To ensure fair consideration is given for all Proposers, it must be clearly understood that upon release of the proposal and during the proposal process, firms, and their employees of related companies as well as paid or unpaid personnel acting on their behalf shall not contact or participate in any type of contact with City employees, department heads or elected officials, up to and including the Mayor and City Council. The "Cone of Silence" is in effect for this solicitation from the date the solicitation is advertised on DemandStar, until the time an award decision has been approved by City Council and fully executed by all parties. Information about the Cone of Silence can be found under the City of Port St. Lucie Ordinance 20-15, Section 35.13. Contact with anyone other than the Issuing Officer may result in the vendor being disqualified. All contact must be coordinated through Nadia Tourjee, Issuing Officer, for the procurement of these services.

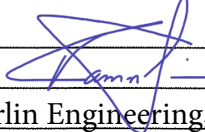
All questions regarding this Solicitation are to be submitted in writing to Nadia Tourjee, Procurement Agent I with the Procurement Management Department via e-mail lbarr@cityofpsl.com, or by phone 772-344-4055 Please reference the Solicitation number on all correspondence to the City.

All questions, comments and requests for clarification must reference the Solicitation number on all correspondence to the City. Any oral communications shall be considered unofficial and non-binding.

Only written responses to written communication shall be considered official and binding upon the City. The City reserves the right, at its sole discretion, to determine appropriate and adequate responses to the written comments, questions, and requests for clarification.

*NOTE: All addendums and/or any other correspondence before bid close date (general information, question and responses) to this solicitation will be made available exclusively through the DemandStar's Website for retrieval. All notice of intent to award documentation will be published on the City Clerk's Website. Proposers are solely responsible for frequently checking these websites for updates to this solicitation.

I understand and shall fully comply with all requirements of City of Port. St. Lucie Ordinance 20-15, Section 35.13.

Typed Name: Ramon Soria
Signed: 
Company and Job Title: Marlin Engineering, Inc. - President
Date: 09/12/2023



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E-RFP #20230087
CONTRACTOR'S CODE OF ETHICS

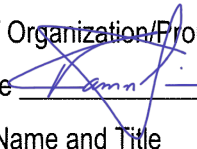
The City of Port St Lucie ("City), through its Procurement Management Department ("Procurement Management Department") is committed to a procurement process that fosters fair and open competition, is conducted under the highest ethical standards, and enjoys the complete confidence of the public. To achieve these purposes, Procurement Management Department requires each vendor who seeks to do business with the City to subscribe to this Contractor's Code of Ethics.

- ◆ A Contractor's bid or proposal will be competitive, consistent, and appropriate to the bid documents.
- ◆ A Contractor will not discuss or consult with other Vendors intending to bid on the same contract or similar City contract for the purpose of limiting competition. A Vendor will not make any attempt to induce any individual or entity to submit or not submit a bid or proposal.
- ◆ Contractor will not disclose the terms of its bids or proposal, directly or indirectly, to any other competing Vendor prior to the bid or proposal closing date.
- ◆ Contractor will completely perform any contract awarded to it at the contracted price pursuant to the terms set forth in the contract.
- ◆ Contractor will submit timely, accurate and appropriate invoices for goods and/or services actually performed under the contract.
- ◆ Contractor will not offer or give any gift, item, or service of value, directly or indirectly, to a City employee, City official, employee family member or other vendor contracted by the City.
- ◆ Contractor will not cause, influence, or attempt to cause or influence, any City employee or City Official, which might tend to impair his/her objectivity or independence of judgment; or to use, or attempt to use, his/her official position to secure any unwarranted privileges or advantages for that Vendor or for any other person.
- ◆ Contractor will disclose to the City any direct or indirect personal interests a City employee or City official holds as it relates to a Vendor contracted by the City.
- ◆ Contractor must comply with all applicable laws, codes or regulations of the countries, states and localities in which they operate. This includes, but is not limited to, laws and regulations relating to environmental, occupational health and safety, and labor practices. In addition, Contractor must require their suppliers

(including temporary labor agencies) to do the same. Contractor must conform their practices to any published standards for their industry. Compliance with laws, regulations and practices include, but are not limited to the following:

- Obtaining and maintaining all required environmental permits. Further, Contractor will endeavor to minimize natural resource consumption through conservation, recycling, and substitution methods.
- Providing workers with a safe working environment, which includes identifying and evaluating workplace risks and establishing processes for which employee can report health and safety incidents, as well as providing adequate safety training.
- Providing workers with an environment free of discrimination, harassment, and abuse, which includes establishing a written antidiscrimination and anti-bullying/harassment policy, as well as clearly noticed policies pertaining to forced labor, child labor, wage and hours, and freedom of association.

Name of Organization/Proposer Marlin Engineering, Inc

Signature 

Printed Name and Title Ramon Soria- President

Date 09/12/2023

DISCLAIMER: This Code of Ethics is intended as a reference and procedural guide to contractors. The information it contains should not be interpreted to supersede any law or regulation, nor does it supersede the applicable contractor contract. In the case of any discrepancies between it and the law, regulation(s) and/or contractor contract, the law, regulatory provision(s) and/or vendor contract shall prevail.



"A City for All Ages"

E-Verify Form

Supplier/Consultant acknowledges and agrees to the following:

- 1. Shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Supplier/Consultant during the term of the contract; and
2. Shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.
3. The Contractor hereby represents that it is in compliance with the requirements of Sections 448.09 and 448.095, Florida Statutes. The Contractor further represents that it will remain in compliance with the requirements of Sections 448.09 and 448.095 Florida Statutes, during the term of this contract and all attributed renewals.
4. The Contractor hereby warrants that it has not had a contract terminated by a public employer for violating Section 448.095, Florida Statutes, within the year preceding the effective date of this contract. If the Contractor has a contract terminated by a public employer for any such violation during the term of this contract, it must provide immediate notice thereof to the City.

65-0279601

E-Verify Company Identification Number

Date of Authorization

August 21, 1991

Name of Contractor

Marlin Engineering, Inc.

Name of Project

Professional Design Engineering Continuing Services

Solicitation Number (If Applicable)

E-RFP Number: 20230087

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on September 12, 2023 in Fort Lauderdale (city), FL (state).

Handwritten signature of Ramon Soria

Signature of Authorized Officer

Ramon Soria

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE 12th DAY OF September, 2023.

NOTARY PUBLIC Jenny Byrne

My Commission Expires: 8-21-2024



JENNY BYRNE
Commission # HH 012753
Expires June 21, 2024
Bonded Thru Budget Notary Services



"A City for All Ages"

NON-COLLUSION AFFIDAVIT
E-RFP #20230087

State of Florida }

County of Broward }

Ramon Soria, being first duly sworn, disposes and says that:
(Name/s)

1. They are President of Marlin Engineering, Inc. the Proposer that
(Title) (Name of Company)

has submitted the attached PROPOSAL;

2. He is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such PROPOSAL;

3. Such Proposal is genuine and is not a collusive or sham Proposal;

4. Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Proposer, firm or person to submit a collusive or sham Proposal in connection with the contract for which the attached proposal has been submitted or to refrain from proposing in connection with such Contract or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer, firm or person to fix the price or prices in the attached Proposal or of any other Proposer, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Port St. Lucie or any person interested in the proposed Contract; and

5. The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(Signed) 

(Title) President



"A City for All Ages"

STATE OF FLORIDA }
COUNTY OF ST. LUCIE } SS:

The foregoing instrument was acknowledged before me this (Date) 12th of September, 2023

by: Ramon Soria who is personally known to me or who has produced

_____ as identification and who did (did not) take an oath.

Commission No. HH 012753

Notary Print: Jenny Byrne

Notary Signature: Jenny Byrne



JENNY BYRNE
Commission # HH 012753
Expires June 21, 2024
Bonded Thru Budget Notary Services



"A City for All Ages"

**DRUG-FREE WORKPLACE FORM
E-RFP #20230087**

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that

Marlin Engineering, Inc does:
(Name of Business)

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

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Contractor's Signature

09/12/2023

Date

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES' LISTS

Vendor Name: Marlin Engineering, Inc.
Vendor FEIN: 65-0279601
Authorized Representative's Name: Ramon Soria
Authorized Representative's Title: President
Address: 10415 Riverside Drive, Suite 101
City, State and Zip Code: Palm Beach Gardens, FL 33410
Phone Number: 954-870-5070
Email Address: rsoria@marlinengineering.com

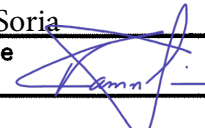
Sections 287.135 and 215.473, Florida Statutes, prohibit Florida municipalities from contracting with companies, for goods or services over \$1,000,000 that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or to engage in any Business operations with Cuba or Syria. Sections 287.135 and 215.4725 also prohibit Florida municipalities from contracting with companies, for goods or services in any amount that are on the list of Scrutinized Companies that Boycott Israel.

The list of "Scrutinized Companies" is created pursuant to Section 215.473, Florida Statutes. A copy of the current list of "Scrutinized Companies" can be found at the following link:
<https://www.sbafla.com/fsb/FundsWeManage/FRSPensionPlan/GlobalGovernanceMandates/QuarterlyReports.aspx>

As the person authorized to sign on behalf of the Respondent Vendor, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List; or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; is not participating in a boycott of Israel; and does not have any business operations with Cuba or Syria. I understand that pursuant to Sections 287.135 and 215.473, Florida Statutes, the submission of a false certification may subject the Respondent Vendor to civil penalties, attorney's fees, and/or costs.

I understand and agree that the City may immediately terminate any contract resulting from this solicitation upon written notice if the company referenced above are found to have submitted a false certification or any of the following occur with respect to the company or a related entity: (i) for any contract for goods or services in any amount of monies, it has been placed on the Scrutinized Companies that Boycott Israel List, or is engaged in a boycott of Israel, or (ii) for any contract for goods or services of one million dollars (\$1,000,000) or more, it has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or it is found to have been engaged in business operations in Cuba or Syria.

Authorized Signature

Ramon Soria
Print Name

Signature



"A City for All Ages"

TRUTH-IN-NEGOTIATION CERTIFICATE

RFP-# 20230087

Pursuant to Section 287.055(5)(a), Florida Statutes, for any lump-sum or cost-plus-a-fixed fee professional services contract over the threshold amount provided in Section 287.017, Florida Statutes for CATEGORY FOUR, the City of Port St. Lucie, Florida requires the Consultant to execute this certificate and include it with the submittal of the Technical Proposal, or as prescribed in the contract advertisement.

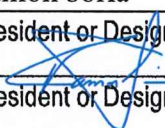
The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the City determines the agreement price was increased due to inaccurate, incomplete, or non-current wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the City, whichever is later.

Marlin Engineering, Inc.

Name of Firm
Ramon Soria

President or Designee (Printed)


President or Designee (Signed)

The foregoing instrument was acknowledged before me by Ramon Soria who is personally known to me. WITNESS my hand and official seal in the (Name of County) Broward Florida (State) last aforesaid this 12 day of September, 2023.

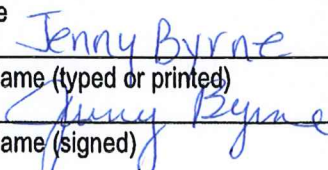
(SEAL)



JENNY BYRNE
Commission # HH 012753
Expires June 21, 2024
Bonded Thru Budget Notary Services

Signature

Jenny Byrne
Notary Name (typed or printed)


Notary Name (signed)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/11/2023

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 Arthur J. Gallagher Risk Management Services, LLC 9155 South Dadeland Boulevard Suite 1112 Miami FL 33156	CONTACT NAME: Lillie Alvarez PHONE (A/C. No. Ext): 305-639-3143 E-MAIL ADDRESS: Lillie_Alvarez@ajg.com		FAX (A/C. No.): 305-592-4049													
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INSURED Marlin Engineering Inc 3363 W Commercial Blvd, Suite 115 Fort Lauderdale, FL 33309	MARLENG-01															

COVERAGES

CERTIFICATE NUMBER: 2068657784

REVISION NUMBER:


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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
C	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:	Y	Y	21UUNOL5114	9/1/2023	9/1/2024	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 \$
A	AUTOMOBILE LIABILITY <input checked="" 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	Y	Y	21UENOL5112	9/1/2023	9/1/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			21XHUOL5113	9/1/2023	9/1/2024	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
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	N/A	21WBOL6HAF	9/1/2023	9/1/2024	<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Business Personal Property			21UUNOL5114	9/1/2023	9/1/2024	Limit: W/H Deductible \$252,500 All Other Deductible 5% min \$1,000 \$1,000

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

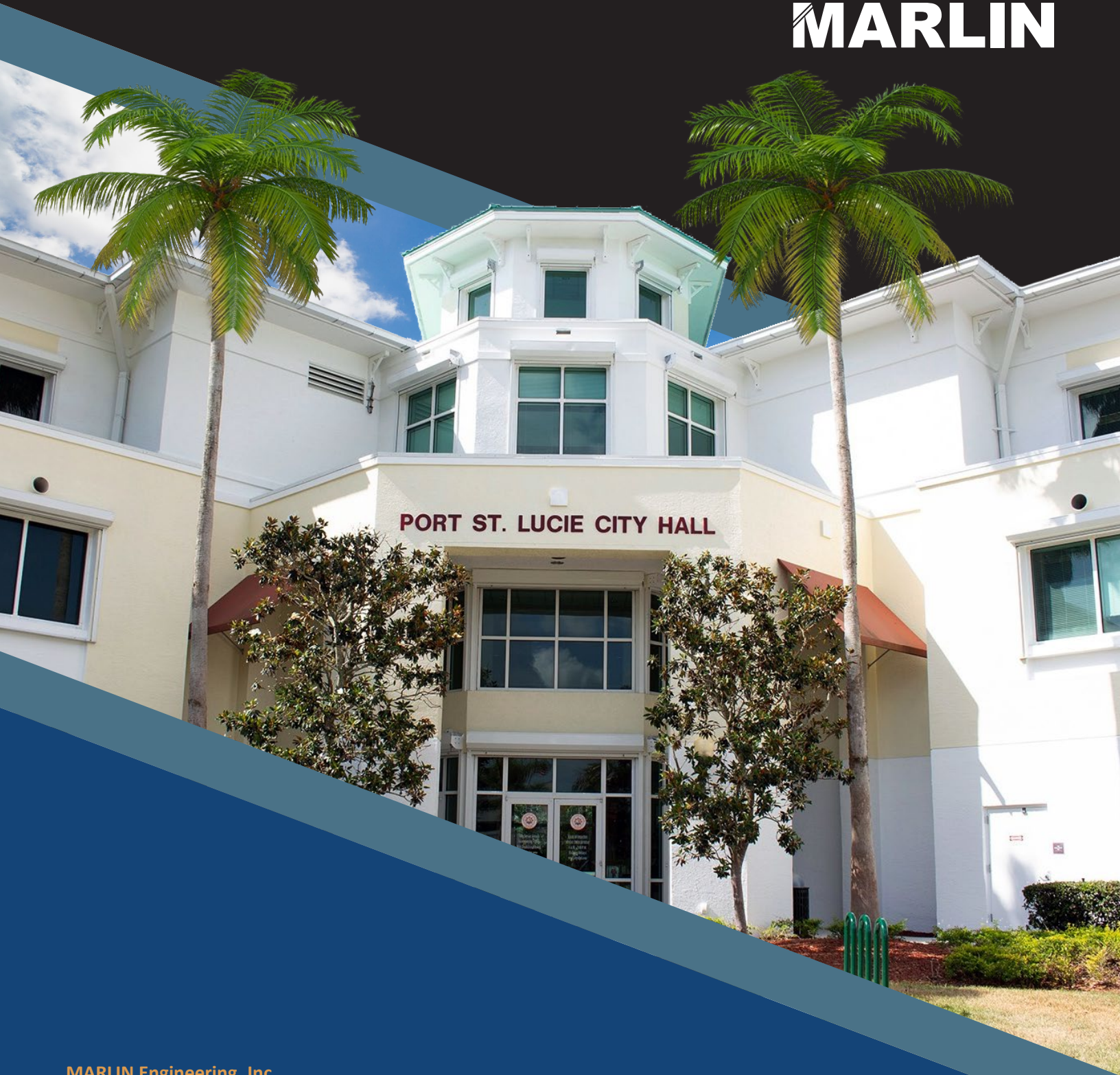
RE: E-RFP Number: 20230087- Professional Design Engineering Continuing Services

CERTIFICATE HOLDER**CANCELLATION**

City of Port St Lucie 121 S.W. Port St. Lucie Blvd, Port St. Lucie FL 34984	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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MARLIN



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Palm Beach Gardens, FL 33410

Contact Person

Betsy Jeffers, PE

Project Manager

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