



# CITY OF Cooper City

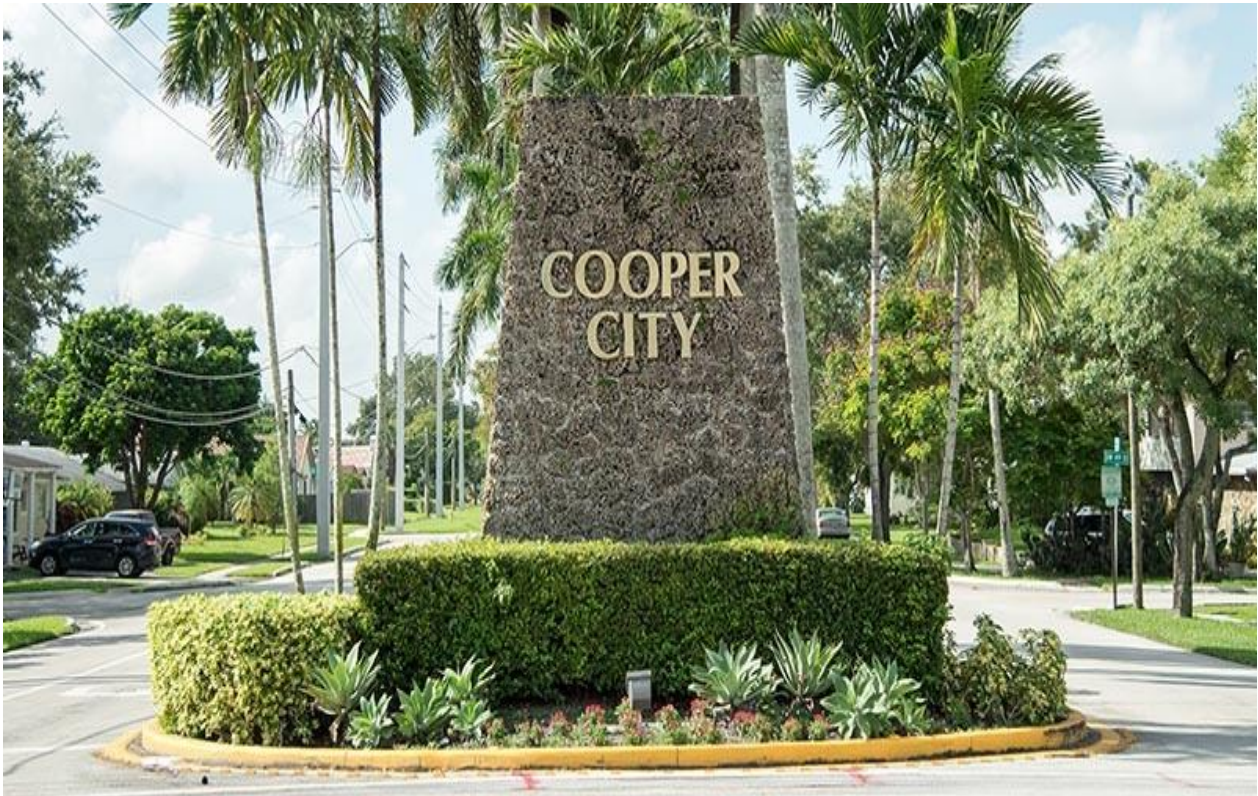
Florida

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CONTINUING PROFESSIONAL CONSULTING SERVICES (CCNA)

RFQ #2024-1-PW

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Submitted by:

**ROBAYNA**  
**AND ASSOCIATES INC.**

5723 NW 158<sup>th</sup> Street

Miami Lakes, Florida 33014

Contact: Oscar E. Robayna

Phone:(305) 823-9316





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The background of the page is a photograph of a construction site, overlaid with a semi-transparent green filter. The image shows a large, multi-level wooden structure, possibly a bridge or a large retaining wall, under construction. The structure is made of light-colored wood and has a complex, lattice-like design. In the foreground, there are more wooden elements, including what looks like a railing or a lower section of the structure. The background is filled with the dense foliage of large trees, with their branches and leaves visible through the green overlay.

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# TAB 2

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LETTER OF INTENT





City of Cooper City Purchasing Division  
9090 SW 50th Place  
Cooper City, FL 33328

RE.: **RFQ #2024-1-PW for Continuing Professional Consulting Services – City of Cooper City**

January 20, 2025

Dear Selection Committee Members,

We are pleased to submit this Letter of Interest in response to RFQ #2024-1-PW for Continuing Professional Consulting Services. Robayna and Associates, Inc. is eager to provide our expertise to support the City of Cooper City's development initiatives.

For this RFQ, our firm is particularly interested in being considered for the following areas of specialization:

- **Civil Engineering**
  - Site Engineering/Planning
  - Parking Lots
- **Water/Wastewater/Stormwater**
  - Gravity Sewer Systems
  - Wastewater and Stormwater Pump Stations
  - Wastewater Conveyance Systems (Force Mains)
  - Stormwater Collection and Conveyance
- **Geotechnical**
  - Environmental Testing/Studies
  - Asbestos Surveys
- **Transportation/Transit**
  - Signage and Pavement Marking
- **Other Services**
  - Land Surveying and Mapping

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## Overview

### Firm Size:

Robayna and Associates, Inc. is a well-established firm with a dedicated team of 21 professionals, including management, technical, and support staff. Our multidisciplinary approach allows us to deliver innovative solutions across various project scales and complexities.

### Areas of Expertise:

Our services encompass site planning and design, civil engineering, land surveying, environmental studies, and subsurface utility engineering. We possess extensive experience in meeting the diverse requirements of clients across both government and private sectors, delivering tailored solutions for projects of varying complexity and scale.



**Strength and Stability:**

With 43 years of continuous operation, Robayna and Associates, Inc. has built a strong reputation for delivering high-quality services on time and within budget. Our solid financial and operational foundation ensures uninterrupted support for all projects. We have successfully maintained large-scale, multi-year contracts, demonstrating our ability to deliver consistent results over extended periods. To further underscore our stability and reliability, we are prepared to provide a DUNS report upon request.

**Location and Proximity:**

Our office, located at 5723 NW 158<sup>th</sup> Street, Miami Lakes, Florida, 33014, is within 22 minutes of Cooper City, ensuring quick response times and easy accessibility for meetings, site visits, and project collaboration.

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**Qualifications and Experience****Key Professional Personnel:**

Our team comprises licensed professional engineers, a licensed surveyor, a subsurface utility engineering manager, and a skilled environmental specialist, all supported by a talented team with decades of experience.

- **Oscar E. Robayna, P.E.** - 17 years of expertise as a civil engineer, serving- as president of the firm, leading complex projects across engineering, surveying, and environmental consulting.
- **Scott J. Perkins, P.S.M.** - 39 years of experience, including direct experience with FDOT, in surveying and mapping, specializing in conducting land, boundary, and topographic surveys for utility installations, infrastructure, and municipal projects.
- **Manuel O. Corrias, S.I.T.** - 35 years of experience in land surveying and mapping, expertise in conducting boundary, topographic, and utility surveys for diverse infrastructure projects.
- **Franklyn J. Molina** - 28 years of experience in subsurface utility engineering (SUE), specializing in detecting, mapping, and documenting underground utilities using advanced techniques such as Ground Penetrating Radar (GPR) and Electromagnetic Locators.
- **Leigh P. Marshallsay, M.A., M.S.** – 13 years of experience in environmental consulting, specializing in Phase I & II Environmental Site Assessments, asbestos surveys, contamination assessment, source removal, and Stormwater Pollution Prevention Plan (SWPPP) inspections.

**Past Performance:**

Robayna and Associates, Inc. has successfully completed similar projects including:

- **Civil Engineering:**

- Water Park Villas, LLC. - Sewer Force Main Extension - Coordinated with authorities to secure approvals, facilitated WASD agreements, and developed detailed sewer plans. Prepared and submitted FDEP sewer extension applications, ensuring regulatory compliance and successful project execution.

- **Water/Wastewater/Stormwater:**

- Coral Way Drainage Improvements project included the analysis of potential remedial drainage improvements to resolve ponding that occurs between Madrid Street and Columbus Boulevard along the picturesque Coral Way. Services included data collection and review, development of design concepts, preliminary feasibility study review, finalization of feasibility study, and public involvement

- **Geotechnical:**

- Opa-Locka CRA Phase I & II ESA - The Phase I Environmental Site Assessment (ESA) was performed to identify recognized environmental conditions (RECs) in accordance with ASTM Standard E1527-21. The assessment included a review of geological, topographical, and historical information, environmental regulatory records, and a commercial ASTM database, along with a site reconnaissance. Phase II ESA was initiated to evaluate the subsurface impacts of the REC identified in Phase I, specifically addressing concerns related to the site's historical use as a coin laundry and the presence of an apparent above-ground storage tank at the rear of the unit.

- **Transportation/Transit:**

- Venetian Causeway - The Venetian Causeway project spans 10,560 LF of roadway, with a right-of-way varying from 55 to 350 feet, extending from Alton Road in Miami Beach to Bayshore Drive in Miami. The project focused on beautification and drainage improvements for the causeway. It included a comprehensive design for a new road configuration, including curb and gutter, bicycle paths, pedestrian sidewalks, stormwater drainage, landscaping, signing and pavement marking and lighting. The stormwater drainage system was designed to meet DERM requirements, treating the first inch of runoff for water quality and discharging into Biscayne Bay via an emergency outfall. The design also incorporated signage and pavement marking to enhance traffic flow and safety throughout the causeway.



- **Land Surveying and Mapping:**

- PortMiami Cruise Terminal B Complex Design Criteria Package included Land Surveying services to gather topographic information for 20-acres of the port along Terminal B and the southeast area. This included the area bounded by Port Boulevard to the south, the western end of Terminal C / Shed C to the west, the existing Port Boulevard to remain to the east, and the wharfside for the design of improvements. Additionally, supplementary information on existing utilities in critical areas along the wharfside was located to support the design-build project.

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**Years of Experience and Business Structure:**

Founded in 1981, Robayna and Associates, Inc. is an S-Corporation registered in the State of Florida. We hold all necessary licenses and certifications required to perform the services outlined in this RFQ. Additionally, we are proud to be certified as a Minority Business Enterprise (MBE) and Small Business Enterprise (SBE), further demonstrating our commitment to diversity and excellence

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**Commitment and Availability**

**Current and Projected Workload:**

Our team maintains a balanced workload, allowing us to dedicate significant resources to this RFQ. We ensure top-level management involvement in all projects, providing clients with direct access to decision-makers.

**Point of Contact:**

Oscar E. Robayna P.E. will serve as the single, professionally licensed point of contact for RFQ #2024-1-PW for Continuing Professional Consulting Services. He can be reached at (305) 823-9316 or [orobayna@robayna.com](mailto:orobayna@robayna.com).

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Robayna and Associates, Inc. is committed to contributing to the success of Cooper City's projects through our expertise, reliability, and collaborative approach. We look forward to the opportunity to partner with the City and demonstrate our capabilities.

Thank you for considering our firm. We are available at your convenience for further discussions or to provide additional information.

Sincerely,



Oscar E. Robayna  
President  
Robayna and Associates, Inc.  
p: (305) 823-9316  
e: [orobayna@robayna.com](mailto:orobayna@robayna.com)



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# TAB 3

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STANDARD FORM 330



# ARCHITECT-ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Continuing Professional Consulting Services; Cooper City, Florida 33328

2. PUBLIC NOTICE DATE

10/31/2024

3. SOLICITATION OR PROJECT NUMBER

RFQ # 2024-1-PW

### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Oscar E. Robayna, P.E.

5. NAME OF FIRM

Robayna and Associates, Inc.

6. TELEPHONE NUMBER

(305) 823-9316

7. FAX NUMBER

N/A

8. E-MAIL ADDRESS

orobayna@robayna.com

### C. PROPOSED TEAM

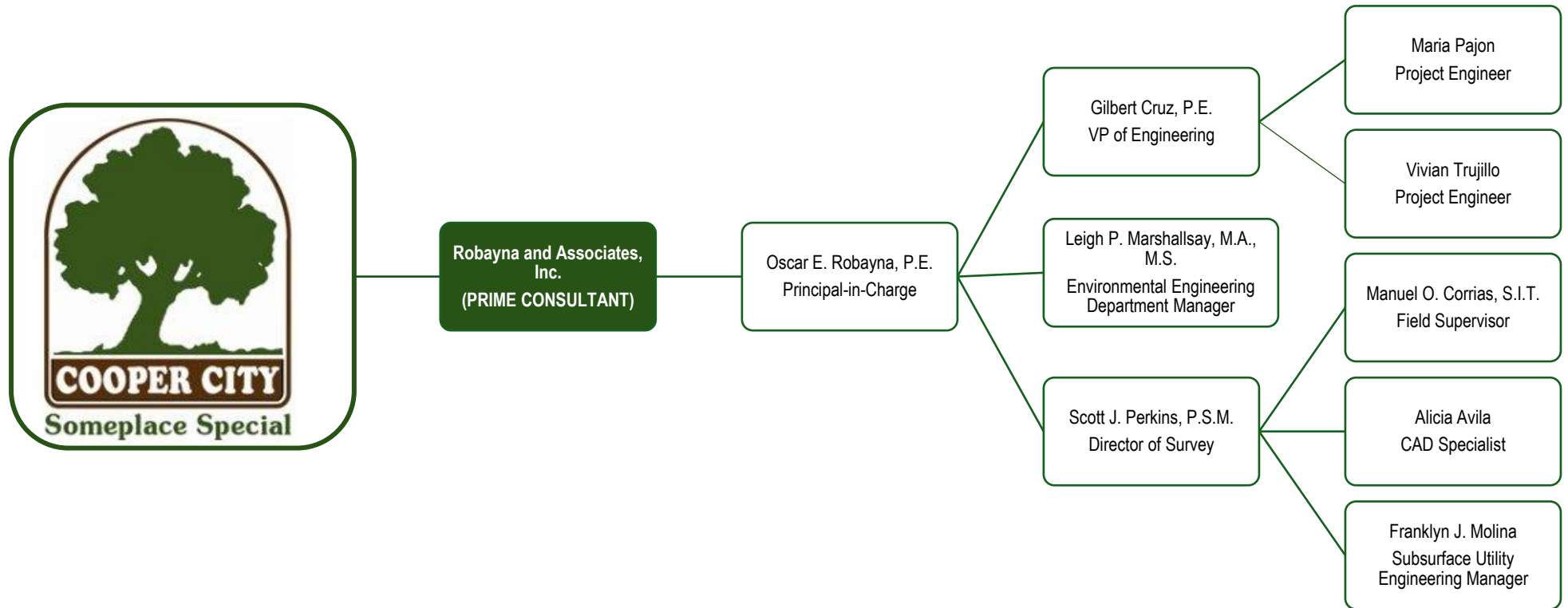
(Complete this section for the prime contractor and all key subcontractors.)

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	SUBCON-TRACTOR			
a.	<input checked="" type="checkbox"/>			Robayna and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	5723 NW 158th Street Miami Lakes, Florida 33014	Prime
b.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)

Below is an organizational chart showcasing our experienced staff members, each bringing extensive proficiency and a proven track record in supporting municipal projects across South Florida. Detailed information about their specific qualifications and areas of expertise will be provided in the sections to follow.





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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Oscar E. Robayna, P.E.	Principal-in-Charge/Project Manager	a. TOTAL 17	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION <i>(City and State)</i> Robayna and Associates, Inc., Miami Lakes, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> - Bachelor of Science - Civil Engineering University of Central Florida - Associate in Science - Computer Engineering Miami Dade College		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineer, Florida, PE# 73896	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Member of American Society of Civil Engineers (ASCE)			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Design-Build Criteria Package for Government Cut Tunnel/ Port of Miami Miami, Florida	PROFESSIONAL SERVICES 03/2009	CONSTRUCTION <i>(If applicable)</i> 01/2014
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 Prepared design criteria packages for upgrading 54-inch sanitary sewage forcemain to 60 inches & a 20-inch watermain to 24-inches. Included permitting, surveying, SUE, land rights acquisition, contract docs, post-design support, project coordination. Technical services included data collection, identifying affected properties, govt easements, rights-of-way, <u>plats &amp; utility engineering to address potential conflicts along alternate routes. (Project Manager)</u>		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Venetian Causeway Streetscape Beautification & Improvement Project Miami Beach, Florida	PROFESSIONAL SERVICES 06/2008	CONSTRUCTION <i>(If applicable)</i> 04/2012
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 10,560 LF of roadway along the Venetian Causeway, from Alton Rd. to Bayshore Dr. through the Biscayne, San Marco, San Marino, Di Lido, Rio Alto, Belle Isle islands. Enhancements included new road alignment w/ curb & gutter, bicycle paths, pedestrian sidewalks, & stormwater drainage improvements. We provided stormwater drainage design, pavement marking, MOT, utilities coordination, public hearings, structural design, special purpose surveys. <u>(Project Manager)</u>		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
60-Inch Force Main NL-1A Contract S-954 Miami, Florida	PROFESSIONAL SERVICES	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 4.7-mile route survey across 2 alternate routes due to overhead conflicts along initial route. Both routes began at NW 159 St. & ended at NE 9 Pl. & 163 St., with minor variations in the eastern segment. Survey included documenting all above-ground features and overhead utility elevations. To support the 60-inch force main design & minimize field changes, <u>entire route was scanned using electromagnetic &amp; GPR per ASCE 38-02 standards. (Project Manager)</u>		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
Design/Route Survey - NW 135th Street Opa-locka, Florida	PROFESSIONAL SERVICES 01/2024	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project included horizontal control, alignment research, ROW assessment, & vertical control benchmarks. It involved 237 drainage structures along pavement edge & 58 manholes within traveled lanes over 12,309.87 LF. 5 topographic surveys were conducted with 100-ft cross-sections with the field and office. <u>(Principal-in-Charge)</u>		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
HBO Latin American Group Sunrise, Florida	PROFESSIONAL SERVICES 10/2014	CONSTRUCTION <i>(If applicable)</i> 07/2015
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 Development of a 2.3-acre parcel adjacent to HBO Latin American Groups SFL Headquarters. Project consolidated operations, relocated earth satellite antenna farm, incorporated emergency operation ctr features. Robayna and Associates, Inc. provided surveying, SUE, zoning feasibility studies, site plan design, engineering for drainage, utilities, parking, and signage. <u>Team supported project from concept to construction, securing permits. (Project Manager)</u>		

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Scott J. Perkins, P.S.M.	Director of Survey	a. TOTAL 39	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION <i>(City and State)</i> Robayna and Associates, Inc., Miami Lakes, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> - Extensive professional development through years of service with FDOT, specializing in surveying services.- Skilled in boundary surveys, ALTA surveys, flood certificates, and digital terrain models		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Surveyor and Mapper, FloridaLS5686	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Former Member, Board Director & Vice President of the Florida Surveying and Mapping Society, Miami-Dade, Chapter 7			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> Design/Route Survey - NW 135th StreetOpa-locka, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 01/2024	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 Project included horizontal control, alignment research, ROW assessment, & vertical control benchmarks. It involved 237 drainage structures along pavement edge & 58 manholes within traveled lanes over 12,309.87 LF. 5 topographic surveys were conducted with 100-ft cross-sections with the field and office. (Project Manager)		
(1) TITLE AND LOCATION <i>(City and State)</i> Survey of Manholes for Hazen to Model Sewer SystemMiami, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 06/2021	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 Project consisted of an as-built of 13 manholes along SW 189th Ave., Mowry Dr., and SW 187th Ave., for total distance of 3,393.47 LF. There existed limited as-built information along the route from the subject property to the pump station. Our firm collected pipe diameter, material, and inverts for the city's consultant. (Project Manager)		
(1) TITLE AND LOCATION <i>(City and State)</i> Boundary and Legal for Opa-locka Airport AreaOpa-locka, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 03/2018	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 Delineation of boundary for preparation of sketch & legal description to encompass a contaminated area within Opa-locka Airport. Site located NW of the intersection of NW 135 St. & NW 42 Ave. within the limits of airport. Required review of public records and boundary analysis of this section to align area & prepare sketch & legal. (Project Manager)		
(1) TITLE AND LOCATION <i>(City and State)</i> South Pointe ParkMiami Beach, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 05/2017	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 South Pointe park fountain project conducting post-construction surveys using GPR to document underground utilities. Included water distribution, pump station connections, electrical, & irrigation lines, accurately compared to design plans.		
(1) TITLE AND LOCATION <i>(City and State)</i> Fort Lauderdale International AirportFort Lauderdale, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 05/2021	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 FAA modification of parking lot for relocating Airplane Surveillance Radar from FLL to a site west of I-95. Scope included tree relocation, water main relocation, sewer service installation, and site regrading. (Project Manager)		



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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Manuel O. Corrias	Field Supervisor	a. TOTAL 35	b. WITH CURRENT FIRM 20
15. FIRM NAME AND LOCATION <i>(City and State)</i> Robayna and Associates, Inc. - Miami Lakes, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor in Land Surveying Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Surveyor-in-Training, Florida	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> GPS & Total Station Training, 1994 OSHA Safety Training Seminar			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> Rickenbacker Causeway West Bridge Water Main Replacement Miami, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 03/2013	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Topographic & hydrographic survey from toll plaza east for approx. 13002 ft for water main relocation. Special purpose survey for use in developing preliminary engineering design in support of Environmental Resource Permit & dredge & fill permits through FDEP. Included hydrographic survey of bay bottom & utility investigation & location. (Field Supervisor)		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Kendall Tamiami Executive Airport Miami, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 07/2022	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Surveying & Engineering services for the FAA to relocate an airplane surveillance radar to a site west of I-95. Tasks included boundary & topographic surveys, tree relocation, drainage design, & utility adjustments. Our work ensured proper site regrading, roadway connections, & utility relocations. (Field Supervisor)		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Fort Lauderdale International Airport Fort Lauderdale, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 05/2021	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE FAA modification of parking lot for relocating Airplane Surveillance Radar from FLL to a site west of I-95. Scope included tree relocation, water main relocation, sewer service installation, and site regrading. (Field Supervisor)		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Design/Route Survey - NW 135th Street Opa-locka, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 01/2024	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project included horizontal control, alignment research, ROW assessment, & vertical control benchmarks. It involved 237 drainage structures along pavement edge & 58 manholes within traveled lanes over 12,309.87 LF. 5 topographic surveys were conducted with 100-ft cross-sections with the field and office. (Field Supervisor)		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Boundary and Legal for Opa-locka Airport Area Opa-locka, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 03/2018	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Delineation of boundary for preparation of sketch & legal description to encompass a contaminated area within Opa-locka Airport. Site located NW of the intersection of NW 135 St. & NW 42 Ave. within the limits of airport. Required review of public records and boundary analysis of this section to align area & prepare sketch & legal. (Field Supervisor)		
<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	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Franklyn J. Molina	Subsurface Utility Engineering Manager	a. TOTAL 29	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION <i>(City and State)</i> Robayna and Associates, Inc. - Miami Lakes, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelors in Computing & Management		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Expertise in ASCE 38-02 Standards			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> Amelia Earhart Park Utility ScanHialeah, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 10/2024	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE conducted utility locating & mapping at Amelia Earhart Park's western portion, including DPR scanning, GPS data collection, & creating CAD-based utility maps with aerial photo overlays. (SUE Manager) <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Tamiami Airport Subsurface Utility Engineering Miami, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 06/2024	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE subsurface utility investigation at KTMB East INT Flight Center using GPR & electromagentic locators. Identified utilities, including power cables, communication ducts, sewers, water mains, & fiber cables, along with (2) anomalies. Documented findings with photos & delivered critical data to ensure safe excavation and planning. (SUE Manager) <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Ozinga - 12201 NW 25 Street, Subsurface Utility Engineering Miami, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 09/2024	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Conducted subsurface utility engineering and GPS data collection for Folio No. 30-3925-000-0080. Utilized GPR and electromagnetic locators to identify underground utilities and provide accurate mapping for the project. (SUE Manager) <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Addressing EQCB Board Order - Subsurface Utility EngineeringMiami, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 05/2024	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE conducted a subsurface utility investigation using GPR (GSSI SIR 4000 with a 400 MHz antenna) to perform an underground scan of utilities and trace the location of the sewer lateral to the right of way. This work supported the design team's preparation of plans for the new DERM Sampling Point. (SUE Manager) <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> NOMI 6 (NE 6 Ave) - Utility Survey Miami, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 11/2024	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Specific Purpose Survey, including NE 6th Ave, NE 129th St, NE 128th St, and NE 127th St. Aimed to document existing buried utility lines identified during the subsurface utility engineering (SUE) process within the limits of the right of way. Tasks included SUE, detailed surveying, and coordination for traffic maintenance. (SUE Manager) <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	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Gilbert Cruz, P.E.	Engineering Team Lead	a. TOTAL 10	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i> Robayna and Associates, Inc - Miami Lakes, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> Master of Science, Manufacturing Engineering, 2018 Bachelor of Science, Civil Engineering, 2014		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> Professional Engineer, Florida, #96347	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Geographic Information Systems (GIS), ArcGIS, AutoCAD			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> Bunche Park Miami Gardens, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 08/2024	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 Project involved park improvements including design, permitting, & construction. Civil engineering services included stormwater management, water & sewer connections, pavement marking, & traffic control for street parking, drainage calculations, a Stormwater Pollution Prevention Plan, Pavement Marking Plan Production. (Project Manager)		
(1) TITLE AND LOCATION <i>(City and State)</i> Southland I, II, III, IV, V Miami, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 10/2020	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 Project included development of 78 single-family homes, 4,800 LF of watermain & 4,700 LF of sewer lines. Scope included stormwater management design, permitting with Miami-Dade County, section line drainage for SW 117th Ave. Each phase was surveyed and platted individually. Oversaw design, permitting, utility relocations. (Project Manager)		
(1) TITLE AND LOCATION <i>(City and State)</i> Water Park Villas, LLC. - Sewer Force Main Extension Miami, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 02/2024	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 Sewer Force Main Extension project involved managing utility research, route surveys, & GPR investigations to ensure compliance and secure approvals from WASD, FDEP, and DERM. Responsibilities included facilitating Public Works reviews, contractor coordination, and overseeing pressure testing & certification. (Project Manager)		
(1) TITLE AND LOCATION <i>(City and State)</i> Oak Village Miami Gardens Property Miami Gardens, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 10/2024	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 Managed on-site improvements for residential development projects, including paving, grading, drainage plans, and water and sewer designs. Prepared signing and pavement marking plans, Stormwater Pollution Prevention Plans, and coordinated 811-design tickets. Oversaw permitting processes with multiple agencies. (Project Manager)		
(1) TITLE AND LOCATION <i>(City and State)</i> Miami-Dade Fire Department - Pump Station Doral, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 01/2025	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 Designed new duplex drainage pump system for MDRF Doral - included site assessment, evaluating the existing pump, electrical distribution, and utility transformer capacity. (Project Manager)		



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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Leigh P. Marshallsay, M.A, M.S.	Environmental Eng. Mgr. - Geotechnical	a. TOTAL 13	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION <i>(City and State)</i> Robayna and Associates, Inc. - Miami Lakes, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> Master of Science, Geoscience, 2024 Undergraduate Certificate, Geology, 2018 Master of Arts, Environmental Mgmt. & Consultancy, 2012 Bachelor of Science, Environmental Science, 2011		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Institute of Professional Geologists, #MEM-3073			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> Miami Executive Airport - Coastland Construction, Inc.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 06/2022	CONSTRUCTION <i>(If applicable)</i>
<b>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 consisted of soil and groundwater assessment for Paving, Grading and Drainage (PGD) approval. This consisted of Robayna and Associates, Inc. advancing a total of nine soil borings along the proposed. Collected groundwater exfiltration trenches (Geologist)		
(1) TITLE AND LOCATION <i>(City and State)</i> Lake Victoria - Mountain Cove Homes	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 11/2021	CONSTRUCTION <i>(If applicable)</i>
<b>b.</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 collected soil samples along the boundaries of the property to determine if the soil meets residential Soil Cleanup Target Levels (SCTLs) for PAHs and the Miami-Dade County Anthropogenic Background Concentrations for arsenic. Performed a confirmatory sampling event due to exceedances. (Geologist)		
(1) TITLE AND LOCATION <i>(City and State)</i> Terraces at Biscayne Gardens - Water Park Villas, LLC.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 09/2022	CONSTRUCTION <i>(If applicable)</i>
<b>c.</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 preparation of a number of subsurface environmental assessments of a former agricultural field proposed to be redeveloped into townhomes & apt. bldg. Scope included onsite soil and groundwater in accordance with MDC Division of Environmental Resources Managements Interim Site Assessment Guidance. (Geologist)		
(1) TITLE AND LOCATION <i>(City and State)</i> Phase I ESA Downtown - Opa-locka CRA	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 08/2024	CONSTRUCTION <i>(If applicable)</i>
<b>d.</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 Phase I Environmental Site Assessment conducted to identify environmental conditions (RECs) in compliance with ASTM Standard E1527-21. Reviewing geological, topographical, & historical information environmental regulatory records, & commercial ASTM database. Performed site reconnaissance. (Geologist)		
(1) TITLE AND LOCATION <i>(City and State)</i> 2974 NW North River Drive - Industrial Shipping Facility	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 02/2022	CONSTRUCTION <i>(If applicable)</i>
<b>e.</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 performed the collecting groundwater samples from MW-1, MW-6, MW-7, MW-8, MW-9 & analyzing the samples for arsenic, lead, mercury, aluminum and polynuclear aromatic hydrocarbons. (Geologist)		

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Alicia Avila	CAD Specialist	a. TOTAL 24	b. WITH CURRENT FIRM 20
15. FIRM NAME AND LOCATION <i>(City and State)</i> Robayna and Associates, Inc. - Miami Lakes, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> Degree in Architecture, Venezuela, 1999		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Microstation, AutoCAD-CADD Laboratories, GPS/GIS, HP 48GX/Smi & TDS trainings			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> Rickenbacker Causeway West Bridge Water Main ReplacementMiami, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 03/2013	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Topographic & hydrographic survey from toll plaza east for approx. 13002 ft for water main relocation. Special purpose survey for use in developing preliminary engineering design in support of Environmental Resource Permit & dredge & fill permits through FDEP. Included hydrographic survey of bay bottom& utility investigation & location. (CAD Specialist)		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Fort Lauderdale International AirportFort Lauderdale, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 05/2021	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE FAA modification of parking lot for relocating Airplane Surveillance Radar from FLL to a site west of I-95. Scope included tree relocation, water main relocation, sewer service installation, and site regrading. (CAD Specialist)		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Boundary and Legal for Opa-locka Airport AreaOpa-locka, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 03/2018	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Delineation of boundary for preparation of sketch & legal description to encompass a contaminated area within Opa-locka Airport. Site located NW of the intersection of NW 135 St. & NW 42 Ave. within the limits of airport. Required review of public records and boundary analysis of this section to align area & prepare sketch & legal. (CAD Specialist)		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Design/Route Survey - NW 135th StreetOpa-locka, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 01/2024	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project included horizontal control, alignment research, ROW assessment, & vertical control benchmarks. It involved 237 drainage structures along pavement edge & 58 manholes within traveled lanes over 12,309.87 LF. 5 topographic surveys were conducted with 100-ft cross-sections with the field and office. (CAD Specialist)		
<input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Kendall Tamiami Executive AirportMiami, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 07/2022	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Surveying & Engineering services for the FAA to relocate an airplane surveillance radar to a site west of I-95. Tasks included boundary & topographic surveys, tree relocation, drainage design, & utility adjustments. Our work ensured proper site regrading, roadway connections, & utility relocations. (CAD Specialist)		
<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	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
<b>Vivian Trujillo</b>	<b>Civil Engineer</b>	<b>38</b>	<b>25</b>

15. FIRM NAME AND LOCATION (City and State)  
**Robayna and Associates, Inc. - Miami Lakes, Florida**

16. EDUCATION (DEGREE AND SPECIALIZATION)  
**B.S. in Civil Engineering, 1986**

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

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

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	<b>Arcola Lakes Park Senior Center and Pool. NW 14<sup>th</sup> Ave. and NW 83<sup>rd</sup> St. Sub-consultant to Indigo Corp. Miami, FL.</b>	<b>2008</b>	<b>2014</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Civil Engineer.</b> The project consisted of the surveying, planning and engineering development of a Senior Recreational Center on a parcel added to existing Arcola Lakes Park. Our services included conceptual design, development of project mission and initial land planning alternatives related to civil engineering elements of the project; paving & drainage, parking circulation, signing, water & sewer and a lift station. Included permitting and design for handicapped accessibility requirements, route survey of force main along the right of way of NW 83 <sup>rd</sup> St. & 12 <sup>th</sup> Ave., over 1,700 lf., from the project site to the connection point to the existing force main, route survey through the interior of the existing park.		
b.	<b>Venetian Causeway Streetscape Improvements and Beautification Project. Sub-consultant to Kimley-Horn and Assoc. Miami Beach, FL.</b>	<b>2007</b>	<b>2012</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Civil Engineer.</b> Our scope included new road alignment with curb & gutter, bicycle path and pedestrian sidewalks design, stormwater drainage improvements design, pavement marking and maintenance of traffic, all permitting involved through SFWMD, WASD, DERM, PW, City of Miami and City of Miami Beach. Also included public hearings, shop drawings review and field inspections, utility coordination, as well as special purpose survey for proposed outfalls to the bay.		
c.	<b>Bridges at Kendall Place aka/Tradition at Kendall. 8454 Hammocks Blvd. Miami, FL.</b>	<b>2007</b>	<b>2012</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Civil Engineer.</b> The project consisted in 228 rental units residential project (15.81ac). Started with boundary, topographic survey and lake sections. Preparation of site plan, sanitary sewer collection system plans, water distribution system, drainage system design, stormwater management, pump station design, E.R.P. roadway and parking design, and permitting. Performed construction inspection, shop drawing review as part as our construction management duties.		
d.	<b>Highway Improvements Design Services for SW 62<sup>nd</sup> Ave. from SW 24<sup>th</sup> to NW 7<sup>th</sup> St. Sub-consultant to APCT Engineers. Miami, FL.</b>	<b>2008</b>	<b>2012</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Civil Engineer.</b> The project consisted of 2 miles of road improvement design services for widening and traffic operational improvements and roadways within the existing right of way, with traffic calming features, including traffic circles. The overall design services include surveying, design plans for roadway widening, drainage improvements plans, lighting, pavement markings and signing plans, existing right of way verification and route and inventory survey of existing traffic signs.		
e.	<b>Street Improvements for SW 27<sup>th</sup> Ave. from US1 to Bayshore Drive. Sub-Consultant to The Corradino Group. Miami, FL.</b>	<b>2008</b>	<b>2012</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Civil Engineer.</b> The project consisted of 1/2 mile of road improvements consisting of 3 and 4 lane undivided road with left turns, signalized intersections & traffic circle. Our scope included preparation of signing and pavement marking, as well as maintenance of traffic planning phasing for MDC PWD and FDOT. This included final quantities for phasing of the project.		

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Maria Pajon	Project Engineer	a. TOTAL 1.5	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i> Robayna and Associates, Inc. - Miami Lakes, Florida			
16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science, Civil Engineering Master of Science, Project Management		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Primavera, Primavera P6, ArcGIS, CAD, AutoCAD, AutoSprink			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i> Dunhill Isle & Dunhill Cove Miami Lakes, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 09/2022	CONSTRUCTION <i>(If applicable)</i>
<b>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 Engineering services for the rehabilitation and restoration of infrastructure within a residential development. Tasks included preparing paving, grading, and drainage plans, lot grading designs, and signage and pavement marking plans. (Project Engineer)		
(1) TITLE AND LOCATION <i>(City and State)</i> NW 13th Ter, NW 132 Ave & NW 13 St - Miami, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 07/2023	CONSTRUCTION <i>(If applicable)</i>
<b>b.</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 preparation of a drainage report and surface water management calculations for roadway improvements along NW 13th Terrace, NW 132nd Avenue, and NW 13th Street. (Project Engineer)		
(1) TITLE AND LOCATION <i>(City and State)</i> Gospel Tabernacle Faith Deliverance Church - Miami, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 05/2024	CONSTRUCTION <i>(If applicable)</i>
<b>c.</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 involved preparing paving, grading, and drainage plans, along with water and sewer service plans, for the Gospel Tabernacle Faith Deliverance Church. (Project Engineer)		
(1) TITLE AND LOCATION <i>(City and State)</i> Miami-Dade Fire Rescue Doral, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 09/2024	CONSTRUCTION <i>(If applicable)</i>
<b>d.</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 involved designing a new duplex site drainage pump for MDFR. Included a site visit to evaluate existing conditions, assess current drainage pump and electrical distribution, & confirm transformer capacity. (Project Engineer)		
(1) TITLE AND LOCATION <i>(City and State)</i> Oak Village Miami Gardens Property Miami Gardens, Florida	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 10/2024	CONSTRUCTION <i>(If applicable)</i>
<b>e.</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 Managed on-site improvements for residential development projects, including paving, grading, drainage plans, and water and sewer designs. Prepared signing and pavement marking plans, Stormwater Pollution Prevention Plans, and coordinated 811-design tickets. Oversaw permitting processes with multiple agencies. (Project Engineer)		



# OSCAR E. ROBAYNA, P.E.

*President*

## OVERVIEW

ROLE IN THIS CONTRACT:  
*Principal-in-Charge*

YEARS EXPERIENCE:

- *Total: 17*
- *With Current Firm: 17*

EDUCATION:

- *Bachelor of Science  
Civil Engineering  
University of Central Florida*
- *Associate in Science  
Computer Engineering  
Miami Dade College*

CURRENT PROFESSIONAL  
REGISTRATION:

*Professional Engineer, Florida -  
73896*

OTHER PROFESSIONAL  
QUALIFICATIONS:

*Member of American Society  
of Civil Engineers (ASCE)*

### **GOVERNMENT CUT TUNNEL –RFQ NO. 2015-08**

*Project Manager*

This project involved the determination of right-of-way and easements, along with a right-of-way route and topographic survey extending from Miami Beach, through Fisher Island, to Virginia Key, and from Fisher Island to the Port of Miami. The purpose was to facilitate the construction of tunnels connecting water and sewer facilities in the area. The work included extensive GPS surveying with interconnected control points, hydrographic and subaqueous profiling of Government Cut, Norris Cut, and Fisher Cut, as well as underground utility location throughout the project. Additionally, Robayna and Associates, Inc. conducted surveys of the construction staging areas and extensive portions of the CDWTP for the extension of the force main within the plant.

### **VENETIAN CAUSEWAY STREETScape IMPROVEMENTS**

*Project Manager*

The project scope included stormwater drainage design, pavement marking, maintenance of traffic design, utilities coordination, public information meetings, structural design, and a special-purpose survey for the proposed outfalls to Biscayne Bay. The overall stormwater drainage design was based on treating the first inch of runoff for water quality and discharging it into Biscayne Bay in compliance with DERM requirements through an emergency outfall structure. The drainage system was designed to attenuate the runoff generated from the causeway within the right-of-way, as well as any additional contributing areas on each side of the right-of-way.

Careful consideration was given to the existing seawall abutments for the bridges, as their conditions and the sizes of the required pipes posed significant challenges. Utilities also required special attention due to the extensive network and unconventional layout. Soft digging was necessary in critical areas, particularly for utilities and bridge abutments.

# OSCAR E. ROBAYNA, P.E.

*President*

## **60-INCH FORCE MAIN NL-1A CONTRACT S-954**

*Project Manager*

This project involved the preparation of a route survey along 2 routes due to overhead conflicts along the initial route surveyed. The total length of route surveyed included 4.7 miles. The initial route started at the intersection of NW 159th Street along NW 6th Avenue northerly to NW 159th Street, then easterly to NW 2nd Avenue. From there northerly to NW 163rd Street and then east to NE 9th Place. The second route chosen was nearly the same except that it went easterly along NW 162nd Street from NW 2nd Avenue to NE 8th Avenue then north to NE 163rd Street ending at the intersection of NE 9th Place and 163rd Street just as the initial route did.

## **ENGINEERING DESIGN AND RELATED SERVICES FOR THE DESIGN OF LARGE DIAMETER WATER & WASTEWATER PIPELINES, E15-WASD-01**

*Project Manager*

This project involved the preparation of a topographic route survey for 2.8 miles of roadway, spanning along 208th Street from SW 134th Avenue to SW 132nd Avenue, then along SW 132nd Avenue from SW 208th Street to SW 216th Street, and continuing along SW 216th Street from SW 132nd Avenue to SW 112th Avenue. The scope included the verification of right-of-way, in collaboration with the Miami-Dade County Public Works Survey Section, at key locations where recorded documents were difficult to locate. All underground utilities visible at grade were surveyed, and all stormwater and storm sewer manholes were measured for design purposes. The project also included provisions for soft-dig exploration to locate critical utility points along the route.

## **ARCOLA LAKES PARK SENIOR CENTER AND POOL**

*Project Manager*

The project involved the surveying, planning, and engineering development of a Senior Recreational Center on a parcel added to the existing Arcola Lakes Park. Part of the improvements included upgrading the park's infrastructure. Services provided encompassed conceptual design, the development of the project mission, and the creation of initial land planning alternatives related to the civil engineering elements of the project, such as paving and drainage, parking circulation, signage, water and sewer systems, and the design of a lift station.

The project also required obtaining permits through multiple agencies, including Public Works, WASD, the Building Department, Parks and Recreation, DERM, and the Florida Department of Health. The design also accounted for handicapped accessibility requirements. Additionally, the project involved a route survey for the force main along the right-of-way of NW 83rd Street and 12th Avenue, covering over 1,700 linear feet from the project site to the connection point of the existing force main. A route survey through the interior of the existing park and modifications to the existing road for access to the project were also included.

## OVERVIEW

**ROLE IN THIS CONTRACT**  
*Director Of Surveying*

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**YEARS EXPERIENCE:**

- *Total: 39*
- *With Current Firm: 6*

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**CURRENT PROFESSIONAL REGISTRATION:**

*Professional Surveyor and Mapper, Florida - LS5686*

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**OTHER PROFESSIONAL QUALIFICATIONS:**

*Former Member of the Florida Surveying and Mapping Society, Miami-Dade Chapter 7*

*Former Member of the Florida Surveying and Mapping Society, Miami-Dade Chapter 7*

*Former Board of Director of the Florida Surveying and Mapping Society, Miami-Dade Chapter 7*

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# SCOTT J. PERKINS, P.S.M.

*Director of Surveying*

## **FORT LAUDERDALE INTERNATIONAL AIRPORT**

*Surveyor-of-Record*

The project consisted of surveying and engineering services to modify a portion of an existing parking lot for the Federal Aviation Administration (FAA) to relocate an Airplane Surveillance Radar from the Fort Lauderdale Airport to a site West of I-95

Their services included a boundary and topographic survey of the parcel including tree survey and drainage retention areas, adjacent roadway survey for connection to SW 24 Street and modification of non-vehicular address, right-of-way connection, tree relocation, concrete pavement design, culvert design and regrading of the site. Lastly, there was a relocation of a water main and new sewer service.

Mr. Scott Perkins oversaw the project from commencement to conclusion.

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## **DESIGN/ROUTE SURVEY- NW 135TH STREET**

*Surveyor-of-Record*

Robayna and Associates, Inc. successfully completed surveying services for the NW 30th Street and NW 135th Street project, covering 12,800 linear feet. The work included horizontal and vertical control establishment, right-of-way research, surveying 79 drainage structures, detailing 58 manholes, and completing a topographic survey with 100-foot cross-sections. All deliverables were reviewed by Scott J. Perkins, PSM, and adhered to Miami-Dade Water and Sewer Department standards, including CAD specifications.

Safety during lane closures was coordinated with the Florida Highway Patrol, and supplemental tasks included 20 utility soft digs and office support. The project followed Miami-Dade County's E19-DTPW-04 Fee Schedule and Florida's Chapter 5J-17 Standards of Practice. Delivered on time and within the \$125,751.80 budget, the project provided essential data to support infrastructure improvements in the area.

# SCOTT J. PERKINS, P.S.M.

## *Director of Surveying*

### **MIAMI INTERNATIONAL AIRPORT**

*Surveyor-of-Record*

Robayna and Associates, Inc. has partnered with Hazen collecting pump run time data, pump station float or transducer information and providing post processing of select stations since 2017. In this time there have been upgrades done to the system, all of which improved reporting capabilities; from utilizing antiquated electromagnetic sensors installed at each pump station to using Mission Communications SCADA for the collection of information.

Additionally, M-DAD has upgraded many of their stations from floats to transducers. In some instances, Robayna and Associates, Inc. has provided services to locate underground sewer mains and valves that may have been paved over or not locatable on the airside or unsecure side of MIA. Most critical has been the relationship developed between facilities and Robayna and Associates, when understanding changes and upgrades to the system which may affect the reporting requirements to Miami-Dade County Division of Environmental Resource Management.

Mr. Scott Perkins oversaw the project from commencement to conclusion.

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### **60-INCH FORCE MAIN NL-1A CONTRACT S-954**

*Surveyor-of-Record*

This project involved the preparation of a route survey along 2 routes due to overhead conflicts along the initial route surveyed. The total length of route surveyed included 4.7 miles. The initial route started at the intersection of NW 159th Street along NW 6th Avenue northerly to NW 159th Street, then easterly to NW 2nd Avenue. From there northerly to NW 163rd Street and then east to NE 9th Place. The second route chosen was nearly the same except that it went easterly along NW 162nd Street from NW 2nd Avenue to NE 8th Avenue then north to NE 163rd Street ending at the intersection of NE 9th Place and 163rd Street just as the initial route did.

Mr. Scott Perkins oversaw the project including review of the above ground features. He also oversaw the elevation of all overhead utilities crossing the roadway.

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### **SOUTH POINTE PARK – MIAMI BEACH**

*Surveyor-of-Record*

The contractor was tasked with the construction of a set of fountains at South Pointe Park in South Beach - Miami Beach. As part of their deliverable, they required record drawings for all the underground installations they prepared. This project involved Ground Penetrating Radar and surveying after the construction of the Miami Beach South Pointe Park where new fountains were installed. The contractor did not keep adequate record drawings and the City required them to prepare drawings for each underground utility line. This included water distribution, collection to the pump station, electrical and irrigation lines which were scanned for and compared to the design plans to establish which were which.

Mr. Scott Perkins oversaw the project from commencement to conclusion.

## OVERVIEW

**ROLE IN THIS CONTRACT**  
*Field Supervisor*

**YEARS EXPERIENCE:**

- *Total: 35*
- *With Current Firm: 20*

**EDUCATION:**

*Bachelor in Land Surveying  
Engineering*

**CURRENT PROFESSIONAL  
REGISTRATION:**

*Surveyor-in-Training*

# MANUEL O. CORRIAS, S.I.T.

*Surveyor-in-Training/Field Supervisor*

## **RICKENBACKER CAUSEWAY WEST BRIDGE WATER MAIN REPLACEMENT – MDWASD EMERGENCY RESPONSE PROGRAM**

*Field Supervisor*

This project consisted of a topographic and hydrographic survey from toll plaza east for approximate 1300 feet for water main relocation. It also involved a Special Purpose survey for use in developing preliminary engineering design in support of Environmental Resource Permit and, dredge & fill permits through the FDEP. This included a hydrographic survey of the bay bottom and utility investigation and location.

## **KENDALL TAMiami EXECUTIVE AIRPORT**

*Field Supervisor*

This project involved the preparation of a route survey along 2 routes due to overhead conflicts along the initial route surveyed. The total length of route surveyed included 4.7 miles. The initial route started at the intersection of NW 159th Street along NW 6th Avenue northerly to NW 159th Street, then easterly to NW 2nd Avenue. From there northerly to NW 163rd Street and then east to NE 9th Place. The second route chosen was nearly the same except that it went easterly along NW 162nd Street from NW 2nd Avenue to NE 8th Avenue then north to NE 163rd Street ending at the intersection of NE 9th Place and 163rd Street just as the initial route did.

## **60-INCH FORCE MAIN NL-1A CONTRACT S-954**

*Field Supervisor*

This project involved the preparation of a route survey along 2 routes due to overhead conflicts along the initial route surveyed. The total length of route surveyed included 4.7 miles. The initial route started at the intersection of NW 159th Street along NW 6th Avenue northerly to NW 159th Street, then easterly to NW 2nd Avenue. From there northerly to NW 163rd Street and then east to NE 9th Place. The second route chosen was nearly the same except that it went easterly along NW 162nd Street from NW 2nd Avenue to NE 8th Avenue then north to NE 163rd Street ending at the intersection of NE 9th Place and 163rd Street just as the initial route did.



# MANUEL O. CORRIAS, S.I.T.

*Surveyor-in-Training/Field Supervisor*

## **PORTMIAMI CRUISE TERMINAL B COMPLEX DESIGN CRITERIA PACKAGE**

*Field Supervisor*

During the preparation of the Design Criteria Package (DCP), Robayna and Associates was tasked with providing land surveying services to gather topographic information for 20 acres of the port along Terminal B and the area southeast of it. This included the area bounded by Port Boulevard to the south, the western end of Terminal C / Shed C to the west, the existing Port Boulevard to remain to the east, and the wharfside for the design of improvements. Additionally, supplementary information on existing utilities in critical areas along the wharfside was located to support the design-build project.

## **DESIGN/ROUTE SURVEY- NW 135TH STREET**

*Field Supervisor*

Robayna and Associates, Inc. successfully completed surveying services for the NW 30th Street and NW 135th Street project, covering 12,800 linear feet. The work included horizontal and vertical control establishment, right-of-way research, surveying 79 drainage structures, detailing 58 manholes, and completing a topographic survey with 100-foot cross-sections. All deliverables were reviewed by Scott J. Perkins, PSM, and adhered to Miami-Dade Water and Sewer Department standards, including CAD specifications.

Safety during lane closures was coordinated with the Florida Highway Patrol, and supplemental tasks included 20 utility soft digs and office support. The project followed Miami-Dade County's E19-DTPW-04 Fee Schedule and Florida's Chapter 5J-17 Standards of Practice. Delivered on time and within the \$125,751.80 budget, the project provided essential data to support infrastructure improvements in the area.

## **MIAMI-DADE COUNTY PUBLIC SCHOOLS DORAL K-8 CENTER**

*Field Supervisor*

This project encompassed the detailed preparation of a specific-purpose survey for a 5-acre park, aimed at thoroughly documenting all above-ground structures and accurately identifying underground utilities. The survey provided critical insights into the park's electrical services, sewer, and water connections, while also offering precise mapping of the sprinkler systems throughout the property. Additionally, Robayna and Associates proactively coordinated with Sunshine One Call to verify and locate any other utilities within or adjacent to the park, ensuring a comprehensive and accurate utility inventory. This meticulous approach facilitated the development of a well-informed strategy for both the planning and ongoing maintenance of the park's infrastructure, contributing to its long-term functionality and sustainability.

## OVERVIEW

**ROLE IN THIS CONTRACT**  
*Subsurface Utility Engineering Manager*

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**YEARS EXPERIENCE:**

- *Total: 29*
- *With Current Firm: 2*

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**EDUCATION:**  
*Bachelors in Computing & Management*

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# FRANKLYN J. MOLINA

*Subsurface Utility Engineering Manager*

## **OZINGA READY MIX CONCRETE**

*SUE Manager*

Performed subsurface utility engineering (SUE) services at Folio No. 30-3925-000-0080, utilizing Ground Penetrating Radar (GPR) and Electromagnetic (EM) Locators to detect and map underground utilities. The project adhered to ASCE 38-02 standards, ensuring the accurate location of utilities for design and construction purposes. Responsibilities included GPS data collection, reporting utility conditions and limitations, and collaborating with site teams to ensure safe, efficient investigations.

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## **AQUA NUTRACEUTICALS**

*SUE Manager*

Performed a comprehensive subsurface utility investigation at 100 W 24th St. to locate a sewer lateral. Utilized Ground Penetrating Radar (GSSI SIR 4000) equipped with a 400 MHz antenna to scan the area for underground utilities. Conducted a thorough visual assessment prior to scanning to identify potential site challenges. Successfully located the sewer lateral running from the front to the rear of the property and provided the client with detailed documentation, including photographs and analysis, to support their project needs. Ensured the accuracy of utility data in alignment with safety and project requirements for ongoing construction.

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## **PRESTIGE COMPANIES**

*SUE Manager*

Performed Subsurface Utility Engineering (SUE) services at 5401 Holatee Trail using Ground Penetrating Radar (GPR) to identify and map underground utilities. The project was part of a comprehensive site survey that also included elevation certification and septic tank and drain field location updates. The utility investigation ensured the detection of any subterranean infrastructure critical for the planning and execution of future construction activities. Provided the client with detailed reporting of findings to assist with ongoing site development, ensuring compliance with local standards and guidelines.

# FRANKLYN J. MOLINA

*Subsurface Utility Engineering Manager*

## **NELCO TESTING AND ENGINEERING SERVICES**

*SUE Manager*

Robayna and Associates served as the exclusive provider of underground utility locating services for Nelco Testing and Engineering Services, supporting geotechnical projects across a diverse range of residential and commercial properties. The scope of work encompassed the use of Ground Penetrating Radar (GPR) and Electromagnetic (EM) Locators to detect and mark underground utilities in accordance with ASCE 38-02 standards. The project involved conducting thorough site reconnaissance, utility marking with white marks and stakes for test locations and providing detailed photographic documentation of findings. To accommodate both residential and commercial sites, two distinct rate structures were implemented based on region and lot type, offering pricing flexibility for the client.

In addition to performing utility locates, Robayna and Associates coordinated all aspects of site access, traffic control, and ensured safe working conditions throughout the investigation process. This included the precise marking of utility locations using substantial marking paint to clearly indicate utility positions, as well as maintaining ongoing communication with utility representatives during vault or confined space evaluations. Post-investigation support was also provided, which involved refreshing markings as needed and ensuring that all services were delivered in full compliance with the client's requirements. This comprehensive approach not only ensured accuracy and safety but also enhanced the overall efficiency of the utility locating process across all project sites.

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## **COASTLAND CONSTRUCTION – TAMiami AIRPORT**

*SUE Manager*

Robayna and Associates, Inc. conducted a subsurface utility investigation at the KTMB East INT Flight Center on May 24, 2024, to locate underground utilities within the scope of the proposed work. Following an initial visual assessment, a ground-penetrating radar (GSSI SIR 4000 with a 400 MHz antenna) and an electromagnetic locator (Vivax Metrotech VX205-2 VX204-1) were employed using induction, inductive ring clamp, and direct connect methods. Radio and passive modes were also utilized to confirm findings. The investigation successfully identified multiple utilities, including low-voltage power cables, AT&T communication ducts, storm and sanitary sewers, water mains, and MCI fiber cables, along with two unidentified anomalies. Photos documenting the findings were taken and shared with the client. The project was completed efficiently and provided crucial data to support safe excavation and project planning at the site.

## OVERVIEW

ROLE IN THIS CONTRACT:  
Lead Engineer

YEARS EXPERIENCE:

- 10 *Total*
- 4 *with Firm*

EDUCATION:

- Master of Science, Manufacturing Engineering
- Polytechnic University of Puerto Rico, 2018
- Bachelor of Science, Civil Engineering
- Polytechnic University of Puerto Rico, 2014

PROFESSIONAL QUALIFICATIONS:

- 7 years of experience in Geographic Information Systems
- ArcGIS, AutoCAD, Data Conversion, Data Management, Project Management, Development, Leadership, Production, Analysis
- Strong command of survey equipment and methods
- Extensive inspection experience in drainage/roadway and CEI projects

# GILBERT CRUZ, P.E.

*Vice President of Engineering*

## MOUNTAIN COVE HOMES

*Project Engineer*

Gilbert Cruz, Project Engineer, contributed to the successful execution of a multifaceted project involving the preparation of four subdivision designs. His responsibilities included conducting engineering design, topographic and route surveys, and preparing record plats for developments in and around SW 117th Avenue and Bailes Road.

The project required an extensive historical record search to address right-of-way dedication issues adjacent to the subdivisions. Gilbert also oversaw the design of stormwater management systems, as well as water main and sewer extensions totaling approximately 3,950 feet. In addition to these technical services, he provided limited construction management, ensuring that the project progressed smoothly and met all necessary standards. His expertise and attention to detail were essential to the project's success.

## DRAINAGE AND SIDEWALK INSPECTIONS – MDC PWWM

*Project Engineer*

Gilbert Cruz, Project Engineer, oversaw the supervision of maintenance of traffic and conducted comprehensive construction field inspections. His responsibilities included managing activities such as milling existing pavement, applying hot mix asphalt friction courses, adjusting manholes and existing valve boxes, removing and disposing of existing concrete sidewalks and curbs, and installing pavement markings and thermoplastic applications. Additionally, he ensured the proper execution of traffic maintenance measures to guarantee safety and efficiency throughout the project. His meticulous attention to detail and field expertise were critical to the project's successful completion.

## BUNCHE PARK MIAMI GARDENS – WEST CONSTRUCTION

*Project Engineer*

Gilbert Cruz, Project Engineer, played a key role in the improvement project for Bunche Park in Miami Gardens, FL. He was responsible for supporting the design, permitting, and construction of various civil engineering components as requested by the City of Miami Gardens.

His contributions included the design and permitting of stormwater management systems, water and sewer connections, pavement markings, and traffic control measures associated with street parking improvements. Gilbert also performed detailed drainage calculations, developed a Stormwater Pollution Prevention Plan, and produced signing and pavement marking plans. His technical expertise and commitment to quality ensured the successful execution of these critical infrastructure upgrades for the park.

# GILBERT CRUZ, P.E.

*Vice President of Engineering*

## **MIAMI GARDENS PROPERTY – AFFORDABLE RESIDENTIAL**

*Project Engineer*

Gilbert Cruz, Project Engineer, was instrumental in managing and executing the on-site improvement project for Affordable Residential, LLC, at their development located in Miami Gardens, FL. His responsibilities included preparing and overseeing paving, grading, and drainage plans, as well as conducting drainage calculations and producing comprehensive reports.

He developed signing and pavement marking plans, a Stormwater Pollution Prevention Plan, and coordinated the 811-design ticket. He prepared detailed water and sewer plans and guided the project through the City of Miami Gardens Development Review Committee (DRC) processes. His expertise extended to managing permitting through multiple agencies, including DERM Stormwater General Permitting, the Miami Gardens Building Department, FDEP water and sewer applications, WASD e-permitting, and dry runs with Miami Gardens and Miami-Dade County.

Additionally, he ensured compliance by completing water and sewer certifications and obtaining DERM Stormwater General Permit certification. He successfully facilitated the final permit closeout with the City of Miami Gardens, ensuring all project elements were completed to the highest standards. His technical acumen and dedication to client satisfaction were key to the project's success.

## **SEWER FORCE MAIN EXTENSION – WATER PARK VILLAS, LLC.**

*Project Engineer*

The Sewer Force Main Extension project at 15851 SW 200 St., Miami, Florida, for Water Park Villas, LLC, involved comprehensive management and execution of key tasks to ensure regulatory compliance and project completion. Responsibilities included conducting utility research and depiction, performing route surveys, and utilizing ground-penetrating radar for subsurface investigations and conflict resolution. The role required coordinating predesign meetings with authorities having jurisdiction (AHJs) to address project requirements and secure necessary approvals. It also involved facilitating the Miami-Dade Water and Sewer Department (WASD) water and sewer agreements, developing detailed sewer plans, and preparing and submitting Florida Department of Environmental Protection (FDEP) sewer extension applications.

Additional responsibilities included managing Miami-Dade County Public Works dry-run reviews, processing plans with the City of North Miami, and ensuring compliance with WASD e-Builder and Department of Environmental Resources Management (DERM) processing requirements. The project also required reviewing and approving contractor shop drawings, organizing and leading preconstruction meetings, supervising force main pressure testing, and coordinating the final certification of the sewer force main system. This role demanded close collaboration with engineers, contractors, regulatory agencies, and project stakeholders, along with strong project management skills and technical expertise in sewer system design and construction.



## OVERVIEW

### ROLE IN THIS CONTRACT:

*Environmental Engineering  
Department Manager  
(Geotechnical)*

### YEARS OF EXPERIENCE:

13

### EDUCATION:

- *Master of Science,  
Geoscience,  
Mississippi State  
University, 2024*
- *Undergraduate  
Certificate, Geology,  
University of Florida,  
2018*
- *Master of Arts,  
Environmental  
Management and  
Consultancy,  
University of  
Lancaster, England,  
2012*
- *Bachelor of Science,  
Environmental  
Science, University of  
Nottingham, England,  
2011*

### PROFESSIONAL ASSOCIATIONS:

- *American Institute of  
Professional Geologists  
(AIPG), Professional  
Member #MEM-3073*

# LEIGH P. MARSHALLSAY, M.A, M.S.

*Environmental Engineering Department Manager*

### COASTLAND CONSTRUCTION, INC. - MIAMI EXECUTIVE AIRPORT

This project consisted of soil and groundwater assessment for Paving, Grading and Drainage (PGD) approval. This consisted of Robayna and Associates, Inc. advancing a total of nine soil borings along the proposed exfiltration trenches. One soil boring was collected from each borehole for laboratory analysis for select parameters. The soil sample was collected from the depth interval exhibiting the greatest OVA readings, odors or staining. If none, Robayna and Associates, Inc. collected the soil sample from the interval directly above the water table. In addition, Robayna and Associates, Inc. completed each borehole with a shallow monitoring well for groundwater assessment. Robayna and Associates, Inc. collected groundwater samples from the nine monitoring wells 24-48 hours post installation. The soil and groundwater samples were analyzed for VOAs, PAHs, TRPHs, 8 RCRA Metals, aluminum, and iron. Based on the lack of exceedances in the samples collected, the PGD plans were approved.

### MOUNTAIN COVE HOMES - LAKE VICTORIA

Robayna and Associates, Inc. with the assistance of Earth Nurse Environmental, as the Florida Licensed Well Contractor, collected soil samples along the boundaries of the property to determine if the soil meets residential Soil Cleanup Target Levels (SCTLs) for PAHs and the Miami-Dade County Anthropogenic Background Concentrations for arsenic. Based on the soil analytical results and statistical analysis, the site wide concentrations of arsenic and benzo(a)pyrene (BaP) equivalents were determined to be consistent with Miami-Dade County's Anthropogenic Background Concentrations except for an area along the southern portion of the site. Additionally, we collected groundwater samples from a total of 13 monitoring wells. The monitoring wells were installed along the boundaries of the site and in the vicinity of the proposed exfiltration trenches. The groundwater samples did not detect any of the tested parameters above Groundwater Cleanup Target Levels (GCTLs) except for a select number of PAHs in two wells (MW-1R and MW-8). However, Robayna and Associates, Inc. performed a confirmatory sampling event of MW-1R and MW-8 for PAHs due to the exceedances only being slightly over the GCTLs. The confirmatory sampling event reported PAHs below GCTLs in the two wells. The assessment is still on-going and additional work will include soil assessment, quarterly groundwater monitoring and an interim source removal of the right-of-way.

# LEIGH P. MARSHALLSAY, M.A., M.S.

*Environmental Engineering Department Manager*

## WATER PARK VILLAS, LLC. - TERRACES AT BISCAYNE GARDENS

This project included the preparation of a number of subsurface environmental assessments of a former agricultural field which is proposed to be redeveloped into townhomes and an apartment building. The scope of work included assessing the onsite soil and groundwater in accordance with Miami-Dade County Division of Environmental Resources Managements (DERMs) Interim Site Assessment Guidance for Former Agricultural Sites and Chapter 24 Code of Miami-Dade County. In addition, Robayna and Associates, Inc. identified buried solid waste on the subject property and successfully delineated the solid waste by excavating 10 test pits on the property. Based on the results of the assessment, Robayna and Associates, Inc. provided recommendations on the appropriate remedial actions necessary to protect human health and the environment as well as developing an appropriate drainage design with the use of pervious concrete, asphalt and exfiltration trenches. Finally, Robayna and Associates, Inc. prepared a Soil Management Plan, Dust Control Plan and Health and Safety Plan for construction activities. This project is ongoing.

## 2974 NW NORTH RIVER DRIVE - INDUSTRIAL SHIPPING FACILITY

Robayna and Associates, Inc. with the assistance of Earth Nurse Environmental, as the Florida Licensed Well Contractor, performed the collecting groundwater samples from MW-1, MW-6, MW-7, MW-8 and MW-9 and analyzing the samples for arsenic, lead, mercury, aluminum and polynuclear aromatic hydrocarbons. Based on the groundwater analytical results, the tested parameters have been below applicable Groundwater Cleanup Target Levels (GCTLs) in the three quarters except for lead. Lead was reported above the GCTL in the first (26 ug/L) and second (17 ug/L) quarterly sampling events.

## OPA-LOCKA CRA PHASE I ESA DOWNTOWN OPA LOCKA LLC

The Phase I Environmental Site Assessment (ESA) was conducted to identify recognized environmental conditions (RECs) in compliance with ASTM Standard E1527-21, which aligns with the United States Environmental Protection Agency's (EPA) "All Appropriate Inquiry (AAI)" rule. This assessment aimed to investigate prior property ownership and use to satisfy requirements under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) for landowner liability protections (LLPs). The process included an independent evaluation of potential hazardous substances or petroleum products that could indicate existing, past, or material threats of releases into the property's structures, soil, or water systems, excluding de minimis conditions that pose minimal risk and are not subject to enforcement actions.

The scope of services followed ASTM E1527-21 guidelines and included reviewing geological, topographical, and historical information, environmental regulatory records, and a commercial ASTM database. Site reconnaissance and interviews with property stakeholders were also performed to gather insights into past and current property usage. The final report summarized findings and identified any RECs, along with recommendations for further investigation if needed. Non-ASTM activities, such as evaluations for asbestos, lead-based paint, radon, and wetlands, were excluded from the scope of this assessment, which was completed under the supervision of a qualified Environmental Professional (EP).

## OVERVIEW

ROLE IN THIS CONTRACT  
*Senior CAD Technician*

YEARS EXPERIENCE  
*Total: 24*  
*With firm: 20*

EDUCATION  
*Bachelor of Architecture*  
*(BArch), 1999*

## PROFESSIONAL QUALIFICATIONS

- *24 years of experience in Technical Surveying Computer Aided Design and Drafting*
- *Experienced in As-Built Surveying Interpretation and the preparation of As-Built Drawings*
- *Skilled in the preparation of Road Right-of-Way and Easement Plans*
- *Experienced in Route Surveying Drawing & Preparation*
- *Skilled in data processing from field*

# ALICIA AVILA

## *Senior CAD Technician*

### **60-INCH FORCE MAIN NL-1A CONTRACT S-954** *Senior CAD Technician*

This project involved the preparation of a route survey along 2 routes due to overhead conflicts along the initial route surveyed. The total length of route surveyed included 4.7 miles. The initial route started at the intersection of NW 159th Street along NW 6th Avenue northerly to NW 159th Street, then easterly to NW 2nd Avenue. From there northerly to NW 163rd Street and then east to NE 9th Place. The second route chosen was nearly the same except that it went easterly along NW 162nd Street from NW 2nd Avenue to NE 8th Avenue then north to NE 163rd Street ending at the intersection of NE 9th Place and 163rd Street just as the initial route did.

### **DESIGN/ROUTE SURVEY- NW 135TH STREET** *Senior CAD Technician*

Robayna and Associates, Inc. successfully completed surveying services for the NW 30th Street and NW 135th Street project, covering 12,800 linear feet. The work included horizontal and vertical control establishment, right-of-way research, surveying 79 drainage structures, detailing 58 manholes, and completing a topographic survey with 100-foot cross-sections. All deliverables were reviewed by Scott J. Perkins, PSM, and adhered to Miami-Dade Water and Sewer Department standards, including CAD specifications.

Safety during lane closures was coordinated with the Florida Highway Patrol, and supplemental tasks included 20 utility soft digs and office support. The project followed Miami-Dade County's E19-DTPW-04 Fee Schedule and Florida's Chapter 5J-17 Standards of Practice. Delivered on time and within the \$125,751.80 budget, the project provided essential data to support infrastructure improvements in the area.

### **PORTMIAMI CRUISE TERMINAL B COMPLEX** **DESIGN CRITERIA PACKAGE** *Senior CAD Technician*

During the preparation of the Design Criteria Package (DCP), Robayna and Associates was tasked with providing land surveying services to gather topographic information for 20 acres of the port along Terminal B and the area southeast of it. This included the area bounded by Port Boulevard to the south, the western end of Terminal C / Shed C to the west, the existing Port Boulevard to remain to the east, and the wharfside for the design of improvements. Additionally, supplementary information on existing utilities in critical areas along the wharfside was located to support the design-build project.

# ALICIA AVILA

*Senior CAD Technician*

## **MIAMI-DADE COUNTY PUBLIC SCHOOLS DORAL K-8 CENTER**

*Senior CAD Technician*

This project encompassed the detailed preparation of a specific-purpose survey for a 5-acre park, aimed at thoroughly documenting all above-ground structures and accurately identifying underground utilities. The survey provided critical insights into the park's electrical services, sewer, and water connections, while also offering precise mapping of the sprinkler systems throughout the property. Additionally, Robayna and Associates proactively coordinated with Sunshine One Call to verify and locate any other utilities within or adjacent to the park, ensuring a comprehensive and accurate utility inventory. This meticulous approach facilitated the development of a well-informed strategy for both the planning and ongoing maintenance of the park's infrastructure, contributing to its long-term functionality and sustainability.

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## **KENDALL TAMiami EXECUTIVE AIRPORT**

*Senior CAD Technician*

This project involved the preparation of a route survey along 2 routes due to overhead conflicts along the initial route surveyed. The total length of route surveyed included 4.7 miles. The initial route started at the intersection of NW 159th Street along NW 6th Avenue northerly to NW 159th Street, then easterly to NW 2nd Avenue. From there northerly to NW 163rd Street and then east to NE 9th Place. The second route chosen was nearly the same except that it went easterly along NW 162nd Street from NW 2nd Avenue to NE 8th Avenue then north to NE 163rd Street ending at the intersection of NE 9th Place and 163rd Street just as the initial route did.

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## **SOUTH POINTE PARK – MIAMI BEACH**

*Senior CAD Technician*

The contractor was tasked with the construction of a set of fountains at South Pointe Park in South Beach - Miami Beach. As part of their deliverable, they required record drawings for all the underground installations they prepared. This project involved Ground Penetrating Radar and surveying after the construction of the Miami Beach South Pointe Park where new fountains were installed. The contractor did not keep adequate record drawings and the City required them to prepare drawings for each underground utility line. This included water distribution, collection to the pump station, electrical and irrigation lines which were scanned for and compared to the design plans to establish which were which.

# OVERVIEW

ROLE IN THIS CONTRACT:  
Project Engineer

YEARS EXPERIENCE:

- 38 *Total*
- 25 *with Firm*

EDUCATION:

- Bachelor of Science in Civil Engineering – University of Oriente, Santiago de Cuba

PROFESSIONAL QUALIFICATIONS:

- Knowledge of WASD operations, policies & procedures
- Extensive experience in the preparation of plans for water and sewer projects.
- Knowledge of WASD design standards and specifications
- Skilled in AutoCAD, ArcGIS, and hydraulic modeling

# VIVIAN TRUJILLO

*Project Engineer*

## **HBO SUNRISE, HBO LATIN AMERICAN GROUP**

*Engineer*

HBO Latin American Group had a need to consolidate and expand their operations into a single facility including the relocation of the earth satellite antenna farm located in a separate property within the City of Sunrise, Florida. The project included the development of a 2.3-acre parcel adjacent to their South Florida Headquarters in the City of Sunrise with these facilities and incorporate additional emergency operation center characteristics. Meridian Design was the Architect of Record for the project. Robayna and Associates services included land and hydrographic surveying, subsurface utility engineering, zoning services included generation study and feasibility investigation; site plan design and preparation, including pre-development hearing process; and engineering plans for drainage and stormwater management, water main relocation, sewage service, parking pavement design, traffic circulation, and pavement marking and signage. Our involvement extended from conceptual planning and design through preparation of construction plans and specifications. Permitting involving the City of Sunrise, Broward County, Broward County Surface Management Program.

## **ARCOLA LAKES PARK SENIOR CENTER AND POOL**

*Engineer*

The project scope consisted of the surveying, planning and engineering for the development of a Senior Recreational Center and Pool on a parcel within Arcola Lakes Park. Oscar was involved with coordinating the route survey and force main design along the right of way of NW 83rd St. and NW 12th Ave., from the development site to the point of connection at the existing force main; also, involved utility coordination, construction administration of civil engineering elements, applying for the Pump Station Operational Permit from Miami-Dade County RER, handicapped accessible pathway to the existing park and verification of contractors grading.

## **BRIDGES AT KENDALL AKA TRADITION AT KENDALL**

*Engineer*

This project was a rental development condominium with a lake to be partially filled to accommodate an access road. The scope of services included feasibility study, boundary and topographic survey, lake sections, preparation of legal descriptions, platting and site plan. Engineering consisted of design and plans preparation for drainage and stormwater management, environmental assessment and remediation, lake sections, lake fill, and modification of existing embankments, culvert design, loop water distribution system, sanitary sewer collection system, pump station, environmental resources permit, roadway design, pedestrian bridge, etc. We also rendered construction administration and management included the bidding process, inspections, and construction management the roadway. Additionally, all accessible underground structures were measured.



# VIVIAN TRUJILLO

*Project Engineer*

## **TAMIAMI PARK BASKETBALL PAVILION**

*Engineer*

Our involvement in the 165-acre park redevelopment project began with a comprehensive site survey to support the architects' re-design efforts. This included the preparation of construction documents for new parking lots, buildings, and sports centers, as well as detailed site plan design. We provided engineering expertise for the design and construction management of critical infrastructure, including a sanitary sewer collection system, water distribution network, and drainage systems with stormwater management solutions. Additionally, we managed roadway design, environmental resource permitting, and ensured compliance with all regulatory standards. Throughout the project, we oversaw construction to maintain quality, adherence to plans, and timely delivery, contributing to a revitalized park that balances community needs with environmental sustainability.

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## **MELROSE STREET IMPROVEMENT PROJECT – MDC PWD**

*Engineer*

The project encompassed right-of-way surveying and an in-depth drainage investigation to develop comprehensive drainage design plans for a quarter-square-mile area. This area featured a diverse mix of land uses, including residential neighborhoods, commercial properties, schools, a County bus maintenance facility, a trailer park, and industrial sites, each presenting unique challenges and requirements.

The design phase included extensive field investigations to gather critical data, alongside an environmental Phase I study to ensure compliance with environmental regulations and identify potential risks. The stormwater management plan was a central component, focusing on efficient and sustainable solutions to mitigate flooding and manage runoff effectively.

In addition to drainage planning, the project involved designing and upgrading key infrastructure elements, including street pavements, sidewalks, curbs, and gutters, to improve accessibility and safety. Landscaping was integrated to enhance the area's aesthetics, while pavement markings and signage were carefully planned to optimize traffic flow and pedestrian safety. This multi-faceted approach addressed both functional and environmental needs, ensuring a well-rounded and sustainable solution for the community.

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## **STREET IMPROVEMENTS FOR SW 27TH AVE. FROM US1 TO BAYSHORE DRIVE**

*Engineer*

The project involved a half-mile of roadway improvements, featuring a mix of three- and four-lane undivided roads, left-turn lanes, signalized intersections, and a traffic circle. Our scope of work included the preparation of detailed signing and pavement marking plans to ensure safe and efficient traffic flow. Additionally, we developed comprehensive maintenance of traffic (MOT) plans and phasing strategies to minimize disruptions during construction. These plans were designed to meet the stringent requirements of Miami-Dade County Public Works Department (MDC PWD) and the Florida Department of Transportation (FDOT), ensuring compliance and seamless execution throughout the project.

## OVERVIEW

### ROLE IN THIS CONTRACT:

*Project Engineer*

### YEARS EXPERIENCE:

4

### EDUCATION:

*Bachelor of Science - Civil Engineering*

*Master of Science - Project Management*

### TECHNICAL QUALIFICATIONS:

- Primavera
- Primavera P6
- ArcGIS
- CAD
- AutoCAD
- AutoSprink

# MARIA PAJON

*Project Engineer*

## DUNHILL ISLE & COVE – GT HOMES

*Project Engineer*

Performed engineering services for the rehabilitation and restoration of infrastructure within a residential development. Tasks included preparing paving, grading, and drainage plans, lot grading designs, and signage and pavement marking plans. Managed permitting processes with agencies such as DERM, the Town of Miami Lakes, and Miami-Dade County, including ERP letter modifications and compliance reviews. Oversaw construction inspections, stormwater pollution prevention planning, and final certification for water and sewer systems, ensuring project completion in compliance with all regulatory standards. Collaborated with stakeholders to address project challenges and implement innovative solutions. Provided regular updates and ensured adherence to project timelines and budgets.

## NW 13th Ter, NW 132 Ave & NW 13 ST - TJ PAVEMENT

*Project Engineer*

The project involved the preparation of a drainage report and surface water management calculations for roadway improvements along NW 13th Terrace, NW 132nd Avenue, and NW 13th Street in Miami-Dade County, Florida. The scope included topographic surveys, water quality and quantity analysis, and the design of exfiltration trenches to meet regulatory requirements. Each basin was evaluated for stormwater runoff, ensuring compliance with floodplain management and stormwater treatment standards. The results ensured the project met design criteria for flood prevention and environmental protection.

## GOSPEL TABERNACLE CHURCH

*Project Engineer*

The project involved preparing paving, grading, and drainage plans, along with water and sewer service plans, for the Gospel Tabernacle Faith Deliverance Church. Additional tasks included underground utility locates using subsurface utility engineering (SUE), surveying, and developing signing and pavement marking plans. Additional work involved preparing water and sewer connections, stormwater pollution prevention plans, and managing permitting processes through WASD and the City of Miami Gardens.

## MIAMI-DADE FIRE RESCUE DEPARTMENT – DORAL

*Project Engineer*

The project involved designing a new duplex site drainage pump for the Miami-Dade Fire Department at 9300 NW 41st Street. The scope included a site visit to evaluate existing conditions, assess the current drainage pump and electrical distribution, and confirm transformer capacity. Engineering services included designing the duplex submersible pump, electrical panel, and providing permitting drawings. Additional tasks involved reviewing existing documentation, attending project team meetings, responding to building department comments, reviewing shop drawings and RFIs, and conducting a final inspection at startup. The project ensured a seamless design and implementation process.

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> 4				
<b>21. TITLE AND LOCATION (City and State)</b> San Miguel Shopping Plaza 13910 SW 8th St. Miami, FL		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2003</td> <td>2008</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2003	2008
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2003	2008					

### 23. PROJECT OWNER'S INFORMATION

<b>a. PROJECT OWNER</b> San Miguel Property, Corp	<b>b. POINT OF CONTACT NAME</b> Luis Guillermo Vallalta	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (786) 512-9187
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**  
SIZE:70,000 SF Shopping Plaza

#### TYPE OF SERVICES:

Feasibility study, boundary and topographic surveying, preparation of waiver of plat, Legal description and easements preparation, site development design, general civil engineering, water and sewer line extensions, environmental assessment, parking lot design, paving, drainage, storm water management sidewalks, building structural, and construction administration. Design of a 70,000 SF shopping center. Construction layout and as-built record drawings certifications

CONSTRUCTION COST: \$9.0.M.

**PROJECT DESCRIPTION:** This project consists of a shopping center with a separate building for a bank. The project required the design and construction of on-site and off-site water transmission and fire lines, sewer collection systems, wetland permitting with SFWMD and DERM, parking lot design, paving and drainage systems, including a DOT frontage entrance and swale design, structural design, coordination of building design, environmental assessment, site planning. Our involvement included the platting, surveying, complete civil engineering of the project and engineering construction management.

#### KEY INDIVIDUALS:

Rafael L. Robayna, P.E., Principal  
Angel Cortada, Project Manager  
Elpidio Lopez, Party Chief  
Noel Grijalva, Party Chief  
Elpidio Lopez, Instrument Man  
Alicia Avila, Senior CADD Technician

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

<b>a.</b>	(1) FIRM NAME Robayna and Associates, Inc.	(2) FIRM LOCATION (City and State) Miami Lakes, FL 33014	(3) ROLE Prime Consultant
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> 9
<b>21. TITLE AND LOCATION (City and State)</b> NW 37th Avenue Area W&S Improvements Miami, FL <del>Contract MISC 21 COR 70267 ER# 16129</del>		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2008 CONSTRUCTION (If applicable)

### 23. PROJECT OWNER'S INFORMATION

<b>a. PROJECT OWNER</b> Miami Dade County WASD	<b>b. POINT OF CONTACT NAME</b> Felix Valdes	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (786) 552-8263
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*  
 Size: Approximately 2 miles

#### TYPE OF SERVICES:

Verification of alignment and R-O-W line, topographic survey, including setting a baseline. Establishing Vertical and horizontal Network Control, underground utility location information and all surveying required for the engineering design for approximately 2 miles of water and sewer extension mains & Lift Station upgrade

CONSTRUCTION COST \$ under design estimated cost 1.20 M

**PROJECT DESCRIPTION:** Project consists of the route and topographic survey, vertical and horizontal control, R-O-W verification and underground utility location for the design of approximately 2 miles of Water Distribution and Sanitary Sewage Collection Improvements from NW 41st Street to NW 51st St. between NW 35th Ave. and NW 36th Ave.

#### KEY INDIVIDUALS:

Rafael L. Robayna, P.E., Principal  
 Angel Cortada P.E. Project Manager  
 Luis A. Gaztambide, Field Coordinator  
 Noel Grijalva, Party Chief  
 Elpidio Lopez, Party Chief  
 Alicia Avila, Senior Cad Technician

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

<b>a.</b>	(1) FIRM NAME Robayna and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Miami Lakes, FL 33014	(3) ROLE Sub-consultant
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> 1
<b>21. TITLE AND LOCATION (City and State)</b> Design Criteria Package for 54" & 20" waterline replacement at Government Cut Miami, FL	<b>22. YEAR COMPLETED</b>	
	<b>PROFESSIONAL SERVICES</b> 2010	<b>CONSTRUCTION (If applicable)</b> 2012

### 23. PROJECT OWNER'S INFORMATION

<b>a. PROJECT OWNER</b> M-DC WASD/AECOM, Inc	<b>b. POINT OF CONTACT NAME</b> Mr. Roger Williams, P.E	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (305) 718-4828
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### 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

**PROJECT DESCRIPTION:** This project consist of determining the best route to replace the existing 54" Force Main going from South Beach Area of Miami Beach to the Central Sewage Treatment Plant at Virginia Key, this force main also goes thru and connects Fisher Island. In addition an existing 20" water main going from Fisher Island to the Port of Miami will be also replaced. Both of these project are required to allowed the Dredging of the Channel going to the Port of Miami for its expansion.

**SCOPE OF SERVICES:** Utility engineering services including, research and documents every utility in the areas of the proposed alignments. Obtain as-builts from best available sources, resolve conflicts and discrepancies between documents. In areas where there is doubt or discrepancies that cannot be resolved by the topographic survey use physical means of verification e.i. magnetic location, soft dig, underwater sonar, high density frequency, etc.

- Establish GSP control between all the land portions of the plans across the water expanses involved.
- Set Coordinated Control Points on Miami Beach, Fisher Island, Virginia Key and the Port of Miami.
- Determine and plot all the existing plats, easements and dedicated rights-of-way
- Locate and survey all major structures which can affect the constructions of the lines

**BUDGET/COSTS** \$130 M

**SIZE:** Approximate 3 miles of land & water route survey and 80 across of other land areas.

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

<b>a.</b>	<b>(1) FIRM NAME</b> Robayna and Associates, Inc.	<b>(2) FIRM LOCATION (City and State)</b> Miami Lakes, FL 33014	<b>(3) ROLE</b> Land survey
<b>b.</b>	<b>(1) FIRM NAME</b>	<b>(2) FIRM LOCATION (City and State)</b>	<b>(3) ROLE</b>
<b>c.</b>	<b>(1) FIRM NAME</b>	<b>(2) FIRM LOCATION (City and State)</b>	<b>(3) ROLE</b>
<b>d.</b>	<b>(1) FIRM NAME</b>	<b>(2) FIRM LOCATION (City and State)</b>	<b>(3) ROLE</b>
<b>e.</b>	<b>(1) FIRM NAME</b>	<b>(2) FIRM LOCATION (City and State)</b>	<b>(3) ROLE</b>
<b>f.</b>	<b>(1) FIRM NAME</b>	<b>(2) FIRM LOCATION (City and State)</b>	<b>(3) ROLE</b>

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  2				
<b>21. TITLE AND LOCATION (City and State)</b> Greenways Black Creek Trail Seg.A Park Black Creek Marina-Penny Thompson Park Miami, FL	<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2009</td> <td></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2009	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2009						

### 23. PROJECT OWNER'S INFORMATION

<b>a. PROJECT OWNER</b> MD-C Parks & Recreation Dept.	<b>b. POINT OF CONTACT NAME</b> Guillermo Rodriguez	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (305) 755-7841
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### 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

**PROJECT DESCRIPTION:** The project consists of performing a route survey mostly along the Black Creek Canal right-of-way for the purposes of construction of a bikeway and multiple recreational paths.

**SCOPE OF SERVICES:** Route, topographic and elevation survey, including setting a baseline and all surveying required for the engineering design for approximately 9.2 miles of bicycle path. Survey consisted of tying the baseline to established control by Miami-Dade County and South Florida Water Management District using GPS technology. Setting on site control points, doing elevation survey and topographic location within the SFWMD right-of-way along the route. Topographic survey includes the top of bank, noted erosion locations, existing trail, trees, drastic variations in elevation, fences, guardrails, poles, etc. On arterial as well as local roads intersecting the route, do a detailed topographic survey of all improvements for a width of at least 100 feet and extending into the canal right-of-way. The project extend on both ends into County Parks, Black Creek Park in the South and Larry and Penny Thompson Park in the North, the latter will require the route survey to extend thru approximately half a mile of arterial and local roads to reach the end of the project, all improvements within these right-of-way will be located. Our services also included construction administration.

**CONSTRUCTION COST:** Estimate \$ 1.4 M Construction on hold

**SIZE:** Approximately 9.2 miles

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

<b>a.</b>	(1) FIRM NAME Robayna and Associates, Inc.	(2) FIRM LOCATION (City and State) Miami Lakes, FL 33014	(3) ROLE Land Survey and Construction Administration
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> <p style="text-align: center;">7</p>				
<b>21. TITLE AND LOCATION (City and State)</b> Miami- Dade DERM C-111 Basin Model Area Survey-South Dade Miami, Fl		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2008</td> <td></td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2008	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2008						

**23. PROJECT OWNER'S INFORMATION**

<b>a. PROJECT OWNER</b> Miami Dade County DERM	<b>b. POINT OF CONTACT NAME</b> Frank Velazquez	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (305) 372-6490
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)**

**PROJECT DESCRIPTION:** The project consists in the preparation of a Master Basin Model to determine flow parameters and Hydrologic analysis.

**SCOPE OF SERVICES:** Special purpose survey consisting of GPS and conventional Surveying methods to establish horizontal and vertical control for a hydrographic survey including canal cross-sections, topographic survey and as-builts of canal control structures, culverts and other related improvements and existing features. Prepare survey sketches of all data obtained in the field and submit it to DERM to be incorporated into the department GIS database. A static GPS horizontal control network was established throughout the project from published Miami-Dade PWD GPS control points. Elevations were assigned to all set control points by conventional level runs or loops. All cross sections and structures were surveyed by conventional methods and submitted to DERM to be integrated into their database.

**CONSTRUCTION COST:** no construction cost was associated with this project

**SIZE:** Entire C-111 Basin

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

<b>a.</b>	(1) FIRM NAME Robayna and Associates, Inc.	(2) FIRM LOCATION (City and State) Miami Lakes, FL 33014	(3) ROLE Survey Prime
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  7				
<b>21. TITLE AND LOCATION (City and State)</b> Univision/ABC Network-Fusion Production Studios Miami, FL		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES</td> <td>CONSTRUCTION (If applicable)</td> </tr> <tr> <td>2011</td> <td>2013</td> </tr> </table>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2011	2013
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
2011	2013					

### 23. PROJECT OWNER'S INFORMATION

<b>a. PROJECT OWNER</b> Univision Communications	<b>b. POINT OF CONTACT NAME</b> Michael Kirschner	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (561) 886-8416
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### 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

**PROJECT DESCRIPTION & SCOPE OF SERVICES:** This project involved the development of a state of the art news production studio complex to accommodate several uses related to the production requirements of the Network needs. The project included the remodeling of an existing 158,000 sq.ft. warehouse. It started with topographic surveying of the site and building interior for schematic site planning for the warehouse property and adjacent vacant lot to be converted into a parking lot, all having a total site area of 8.9 acres. One point of concern for the Network in our scope of work was site circulation and parking availability, which was addressed by detailed review of the City of Doral and Miami-Dade County codes to find any possible gain in spaces, such as placement of the two generator structures above the drainage retention areas. Our design services for the project included drainage design and level of service upgrades, water and sewer service upgrades and modifications, including subsurface utility engineering with conflict resolution during the construction phase for unforeseen circumstances. Due to the fact that the entire warehouse was remodeled including an elevated roof, the design required complying with ADA accessibility, extensive grading was required. The project was then permitted and managed on a constant basis during construction to maintain the tight development schedule which was met.

- Initial site selection and definition of parameters for the minimum requirements
- Land planning and site layout
- Availability of utility services
- Topographic surveys as needed for design and construction
- Drainage design, modification to the existing drainage trenches and retention requirements
- Traffic access and circulation, parking design and incorporation of the adjacent site to provide additional parking.
- Access ramp modifications, handicap parking & accessible routes, exterior entrances stairs and sidewalks.
- Paving, grading and drainage, fire access routes in & out, coordination with location of supporting facilities & features, etc.



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

<b>a.</b>	(1) FIRM NAME Robayna and Associates, Inc.	(2) FIRM LOCATION (City and State) Miami Lakes, FL 33014	(3) ROLE Land Surveying and Consulting Engineering
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b> 8
<b>21. TITLE AND LOCATION (City and State)</b> Airport Radar Surveillance Relocation Ft. Lauderdale, FL		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2011 CONSTRUCTION (If applicable)

**23. PROJECT OWNER'S INFORMATION**

<b>a. PROJECT OWNER</b> Federal Aviation Administratio	<b>b. POINT OF CONTACT NAME</b> Neil Bolen, P.E	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (404) 389-8692
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

**PROJECT DESCRIPTION:** The project consists of surveying and engineering services to modify a portion of an existing parking lot for the FAA to relocate an Airplane Surveillance Radar from the Fort Lauderdale Airport to a site West of I-95.

**SCOPE OF SERVICES:** Our services included boundary and topographic survey of parcel including tree survey and drainage retention areas. Adjacent roadway survey for connection to SW 24 Street and modification of non-vehicular address. Also right-of-way connection, tree relocation, concrete pavement design, culvert design and regrading of the site. Additionally, there was a relocation of a water main and new sewer service.

**CNSTRUCTION COST:** \$8.5M. Under bidding  
**SIZE:** 1.02 Acres

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

<b>a.</b>	(1) FIRM NAME Robayna and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Miami Lakes, FL 33014	(3) ROLE Land surveying and Civil engineering
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>
<b>21. TITLE AND LOCATION (City and State)</b> Home Box Office Latin American Group (HBO LAG)                      Sunrise, FL		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES      CONSTRUCTION (If applicable) 2013                                      2014

**23. PROJECT OWNER'S INFORMATION**

<b>a. PROJECT OWNER</b> Home Box Office (HBO)	<b>b. POINT OF CONTACT NAME</b> Luis Roges AIA - Architect	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (212) 584-5430
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*  
 PROJECT DESCRIPTION: HBO Latin American Group required that the earth satellite antenna farm which is located in a nearby property within the City of Sunrise, Florida be relocated to a parcel adjacent to their office.

SCOPE OF SERVICES: This project involved the development of a 2.3 acre parcel for a server and antenna farm with emergency operation center characteristics. Robayna and Associates is involved with, land and hydrographic surveying, subsurface utility engineering and investigations, site plan design, stormwater management, and water main relocation from conceptual engineering through construction. Permitting involving the City of Sunrise, Broward County, and South Florida Water Management District.

CONSTRUCTION COST: \$ 3M Approximate  
 SIZE: 2.3 acre



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

<b>a.</b>	(1) FIRM NAME Robayna and Associates, Inc.	(2) FIRM LOCATION (City and State) Miami Lakes, Fl.	(3) ROLE Land survey, civil engineering design
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  10
<b>21. TITLE AND LOCATION (City and State)</b> Miami Lakes Downtown Street Improvement Phase 1,2 & 3 Miami, FL		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES 2011 CONSTRUCTION (If applicable)

### 23. PROJECT OWNER'S INFORMATION

<b>a. PROJECT OWNER</b> City of Miami Lakes/K-Horn Ass	<b>b. POINT OF CONTACT NAME</b> Gary Ratay	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> 954-
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*  
**PROJECT DESCRIPTION:**

SCOPE OF SERVICES: Route and rights-of-way topographic survey of portions of Bull Run Road, Main Street, Meadow Walk Road, Miami Lakeway North, and Miami Lakes Dr. Included right-of-way location, full topographic survey, elevations survey, accessible underground utilities survey, location of structures, etc. To be used by prime consultant Kimley-Horn and Associates, Inc. in the preparation of Roadway Street and Drainage Improvements Plans including lake outfall.

CONSTRUCTION COST:  
SIZE:

KEY INDIVIDUALS:  
Rafael L. Robayna, P.E., Principal Project Manager  
David E. Rohal, P.S.M, Land Surveyor  
Manuel Corrias, Field Supervisor  
Alicia Avila, CADD Designer

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

<b>a.</b>	(1) FIRM NAME Robayna and Associates, Inc.	(2) FIRM LOCATION (City and State) Miami Lakes, FL 33014	(3) ROLE Land Surveying.
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>	
<b>21. TITLE AND LOCATION (City and State)</b> Venetian Causeway Streetscape Beautification & Improvements		<b>22. YEAR COMPLETED</b> PROFESSIONAL SERVICES: 2007 CONSTRUCTION (If applicable): 2012	

### 23. PROJECT OWNER'S INFORMATION

<b>a. PROJECT OWNER</b> MDC Public Works Department	<b>b. POINT OF CONTACT NAME</b> Lana Moorey, PE	<b>c. POINT OF CONTACT TELEPHONE NUMBER</b> (305) 375-2863
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### 24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

**PROJECT DESCRIPTION:** The Venetian Causeway is approximately 10,560 LF of roadway with a right of way, which varies from 55 feet to 350 feet. The project boundaries extend from Alton Road to the western boundary of the City of Miami Beach and from Bayshore Drive to eastern boundary of the City of Miami. The objective of this project is to provide beautification enhancements and drainage improvements to the Venetian Causeway.

**SCOPE OF SERVICES:** Our professional services included design of a new road configuration with curb and gutter, bicycle path and pedestrian sidewalks, stormwater drainage improvements, landscape and lighting. The overall stormwater drainage design concept is based on the treatment of the first inch of runoff for water quality and discharging into Biscayne Bay as per DERM requirements through an emergency outfall structure. The drainage system is designed to attenuate the runoff generated from the causeway within the right of way and any additional contributing area on each side of the right of way.

The construction administration included field inspections and shop drawings review.

**CONSTRUCTION COST:** \$ 8.5 M



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

<b>a.</b>	(1) FIRM NAME Robayna and Associates, Inc.	(2) FIRM LOCATION (City and State) Miami Lakes, Fl.	(3) ROLE Land survey, civil engineering design
<b>b.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Oscar E. Robayna, P.E.	Principal-in-Charge		X	X		X	X	X	X	X	X
Scott J. Perkins, PSM	Survey Director		X		X		X	X		X	
Manuel O. Corrias, SIT	Field Supervisor	X	X	X	X	X	X	X	X	X	X
Franklyn J. Molina	Subsurface Utility Engineering		X	X			X		X		
Alicia Avila	CAD Specialist	X	X	X	X	X	X	X	X	X	X
Leigh Marshallsay, M.A., M.S.	Geotechnical		X		X	X			X		
Gilbert Cruz, P.E.	Engineering Team Lead	X		X	X				X		X
Vivian Trujillo	Project Engineer	X	X	X	X	X	X	X	X	X	X
Maria Pajon	Project Engineer								X		X

**29. EXAMPLE PROJECTS KEY**

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1	San Miguel Shopping Plaza	6	Univision/ABC Network-Fusion Production Studios
2	NW 37th Avenue Area W&S Improvements	7	FLL Airport Radar Surveillance Relocation
3	Design Criteria Package for 54 - Govt Cut	8	Home Box Office Latin American Group (HBO LAG)
4	Greenways Black Creek Trail	9	Miami Lakes Downtown Street Improvement 1-3
5	Miami- Dade DERM C-111 Basin Model	10	Venetian Causeway Streetscape

---

**H. ADDITIONAL INFORMATION**

---

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

N/A

---

**I. AUTHORIZED REPRESENTATIVE**

*The foregoing is a statement of facts.*

31. SIGNATURE

32. DATE

33. NAME AND TITLE

Oscar E. Robayna

1/20/2025

1. SOLICITATION NUMBER (If any)
---------------------------------

## ARCHITECT-ENGINEER QUALIFICATIONS

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

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

2a. FIRM (or Branch Office) NAME Robayna and Associates, Inc.			3. YEAR ESTABLISHED 1981		4. UNIQUE ENTITY IDENTIFIER 59-2119073	
2b. STREET 5723 NW 158th Street			5. OWNERSHIP			
2c. CITY Miami Lakes		2d. STATE FL	2e. ZIP CODE 33014		a. TYPE S-Corporation	
6a. POINT OF CONTACT NAME AND TITLE Oscar E. Robayna President			b. SMALL BUSINESS STATUS Small Business Disadvantaged			
6b. TELEPHONE NUMBER (305) 823-9316		6c. EMAIL ADDRESS orobayna@robayna.com		7. NAME OF FIRM (If Block 2a is a Branch Office)  N/A		
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED		8c. UNIQUE ENTITY IDENTIFIER	


[illegible]

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	0	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	5	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	5	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

*The foregoing is a statement of facts.*

*The foregoing is a statement of facts.*

a. SIGNATURE	b. DATE
Oscar E. Robayna, President	1/15/2025



RGF 2024-1-PW

# TAB 4

PROFESSIONAL REGISTRATION CERTIFICATES

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS &  
PROFESSIONAL REGULATION



Department of Business  
& Professional Regulation

[HOME](#) [CONTACT US](#) [MY ACCOUNT](#)

## ONLINE SERVICES

[Apply for a License](#)

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[View Food & Lodging Inspections](#)

[File a Complaint](#)

[Continuing Education Course  
Search](#)

[View Application Status](#)

[Find Exam Information](#)

[Unlicensed Activity Search](#)

[AB&T Delinquent Invoice & Activity  
List Search](#)

## LICENSEE DETAILS

2:48:50 PM 1/13/2025

### Licensee Information

Name:	<b>ROBAYNA AND ASSOCIATES, INC. (Primary Name)</b>
Main Address:	<b>5723 NW 158TH STREET MIAMI LAKES Florida 33014</b>
County:	<b>DADE</b>

### License Information

License Type:	<b>Engineering Business Registry</b>
Rank:	<b>Registry</b>
License Number:	<b>3304</b>
Status:	<b>Current</b>
Licensure Date:	<b>10/23/1981</b>
Expires:	

### Special Qualifications

### Qualification Effective

--

### Alternate Names

--

[View Related License Information](#)

[View License Complaint](#)

2601 Blair Stone Road, Tallahassee FL 32399 :: Email: [Customer Contact Center](#) :: Customer Contact Center: 850.487.1395

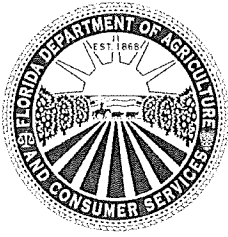
The State of Florida is an AA/EEO employer. Copyright ©2023 Department of Business and Professional Regulation - State of Florida. [Privacy Statement](#)

Under Florida law, email addresses are public records. If you do not want your email address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. \*Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee.

However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. Please see our [Chapter 455](#) page to determine if you are affected by this change.







Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500  
800HELPFLA(435-7352) or (850) 488-2221

January 12, 2023

ROBAYNA AND ASSOCIATES INC  
5723 NW 158TH ST  
MIAMI LAKES, FL 33014-6719

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB5004

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2025.

You are required to keep your information with the Board current. Please visit our website at [www.800helpfla.com/psm](http://www.800helpfla.com/psm) to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here



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

License No.: **LB5004**

Expiration Date February 28, 2025

## Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

ROBAYNA AND ASSOCIATES INC  
5723 NW 158TH ST  
MIAMI LAKES, FL 33014-6719

WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE



Ron DeSantis, Governor

Melanie S. Griffin, Secretary



**FBPE**  
FLORIDA BOARD OF  
PROFESSIONAL ENGINEERS

## STATE OF FLORIDA

### BOARD OF PROFESSIONAL ENGINEERS

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

**ROBAYNA, OSCAR ERNESTO**

5723 NW 158 ST  
MIAMI LAKES FL 33014

**LICENSE NUMBER: PE73896**

**EXPIRATION DATE: FEBRUARY 28, 2025**

Always verify licenses online at [MyFloridaLicense.com](http://MyFloridaLicense.com)



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Ron DeSantis, Governor

Melanie S. Griffin, Secretary



**FBPE**  
FLORIDA BOARD OF  
PROFESSIONAL ENGINEERS

## STATE OF FLORIDA

### BOARD OF PROFESSIONAL ENGINEERS

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

**CRUZ, GILBERT**

17991 SW 11TH COURT  
PEMBROKE PINES FL 33029

**LICENSE NUMBER: PE96347**

**EXPIRATION DATE: FEBRUARY 28, 2025**

Always verify licenses online at [MyFloridaLicense.com](http://MyFloridaLicense.com)



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Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500  
800HELPFLA(435-7352) or (850) 488-2221

December 5, 2024

SCOTT J PERKINS  
8014 SW 103RD AVE  
MIAMI, FL 33173-3904

SUBJECT: Professional Surveyor and Mapper License # LS5686

Your application / renewal as a professional surveyor and mapper as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2027.

You are required to keep your information with the Board current. Please visit our website at [www.800helpfla.com/psm](http://www.800helpfla.com/psm) to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here



**Florida Department of Agriculture  
and Consumer Services  
Board of Professional Surveyors  
and Mappers**

**LS5686**

**Professional Surveyor and Mapper  
SCOTT J PERKINS**

IS LICENSED under the provisions of Ch. 472 FS  
Expiration date: February 28, 2027

Detach Here



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

License No.: **LS5686**  
Expiration Date February 28, 2027

## **Professional Surveyor and Mapper License**

Under the provisions of Chapter 472, Florida Statutes

**SCOTT J PERKINS  
8014 SW 103RD AVE  
MIAMI, FL 33173-3904**

**WILTON SIMPSON  
COMMISSIONER OF AGRICULTURE**

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

RGF 2024-1-PW

# TAB 5

Approach to Handling of Potential Projects



## Understanding Cooper City's Needs, Goals, and Objectives

Robayna and Associates, Inc. understands that the City of Cooper City seeks a proactive and experienced team to deliver high-quality engineering and consulting services for its projects. The primary goals are to enhance infrastructure, ensure regulatory compliance, optimize project timelines, and support sustainable growth while minimizing environmental impact. Each project must align with the City's objectives of providing efficient, cost-effective, and community-focused solutions that prioritize safety, functionality, and long-term value.

---

## Proposed Project Approach for the City of Cooper City

Robayna and Associates, Inc. is committed to providing the City of Cooper City with a systematic and efficient project management approach to ensure all assigned projects under this RFQ meet and exceed expectations. Our methodology incorporates the structured framework of Assessment, Analysis, Design, and Realization, while tailoring each phase to the City's specific goals and regulatory requirements.

### Key Phases:

1. **Assessment:**

We will initiate the process by identifying the City's priorities for infrastructure improvements and other project needs. This involves thorough stakeholder consultations, site evaluations, and regulatory reviews to define project scopes clearly and ensure alignment with the City's Comprehensive Plan. Our initial evaluation will focus on sustainable infrastructure development, stormwater management, and traffic improvements, ensuring compliance with local, state, and federal requirements.

2. **Analysis:**

In this phase, we will conduct detailed assessments of existing conditions, including surveys, data collection, and AS-IS analysis of the City's infrastructure and assets. Collaborating closely with City departments, we will identify potential challenges, permitting needs, and areas requiring improvement. This analysis will inform a targeted approach to addressing Cooper City's specific priorities, such as stormwater drainage enhancements, roadway improvements, and utility upgrades.

3. **Design:**

Our design process will integrate innovative, cost-effective solutions to meet Cooper City's objectives, including roadway designs, drainage systems, and utility connections. Plans will be developed in compliance with City codes and Florida Department of Transportation (FDOT) standards. Our Director of Survey, Scott J. Perkins, P.S.M., brings extensive FDOT land surveying experience, which will be instrumental in the survey portion of this RFQ. His expertise ensures precise boundary and topographic surveys, right-of-way assessments, and utility coordination, all in accordance with FDOT and local requirements. This will streamline the survey process, enhance accuracy, and support the development of robust and compliant designs. Stakeholder feedback will be incorporated throughout, and scenario planning will ensure resilience and adaptability. Emphasis will be placed on cost effective sustainable practices, stormwater management and energy-efficient designs for public infrastructure.

#### 4. **Realization:**

During project implementation, we will oversee the required phases of construction, ensuring that the design is executed to the highest standards. This includes inspections, testing, and review of as-builts for drainage systems and utility installations alike, and final certification as the Engineers of Record.

#### **Ongoing Operations:**

Once projects are completed, we can provide the City of Cooper City with operational support and continuous improvement strategies. This ensures long-term sustainability and effectiveness of the implemented solutions. Our team can remain available to address any post-project adjustments or enhancements required.

#### **Scheduling Methodology:**

Robayna and Associates, Inc. relies on the expertise of our experienced project managers to develop detailed timelines with clear milestones and deliverables tailored to each project. Our team ensures meticulous planning and execution through consistent communication, proactive coordination with stakeholders, and hands-on oversight of all project phases. Regular updates and progress reports can be provided to maintain transparency and accountability, ensuring projects are delivered on time, within budget, and to the highest quality standards. Our commitment to personalized project management ensures a seamless and efficient process from inception to completion.

#### **Opinion of Project Cost Methodology:**

We will formulate an “Opinion of Project Cost” by leveraging historical data, market trends, and local industry standards. Our detailed estimates will include breakdowns for permitting and contingency budgets, ensuring accuracy and alignment with the City’s financial goals. Regular updates will be provided to maintain transparency and consistency with the City’s expectations. Robayna and Associates, Inc. has extensive experience working with Miami-Dade County and local municipalities such as Doral, Miami Lakes, and Medley, consistently delivering projects within or under budget. This proven track record underscores our commitment to efficiency and financial responsibility.

By combining technical expertise, strategic planning, and an unwavering commitment to excellence, Robayna and Associates, Inc. ensures the City’s goals are met with precision and professionalism, delivering projects that serve the community for years to come.

## Office, Technology, and Resources

Robayna and Associates, Inc. operates from our centrally located office in Miami Lakes, which is fully equipped with the necessary tools and technology to support the successful execution of potential projects.

### Facilities and Equipment:

- Dedicated workspace for project coordination, design, and collaboration.
- Field equipment for surveying and utility investigations, including ground-penetrating radar (GPR) and electromagnetic locators, ensuring precise subsurface data collection.
- Modern computing systems for advanced design and data processing.

### Technological Capabilities:

- GIS and Mapping Software: For geospatial analysis and mapping.
- CAD Software: Proficiency in AutoCAD and other drafting tools for detailed designs and plans.
- Surveying Tools: High-accuracy GPS systems, total stations, and 3D laser scanners for precise boundary, topographic, and utility surveys.
- Subsurface Utility Engineering (SUE): Advanced equipment and methodologies compliant with ASCE 38-02 standards.



### Other Resources:

- A team of experienced professionals, including licensed engineers, surveyors, and environmental specialists, equipped with decades of expertise in similar projects.
- Established relationships with local municipalities, including Miami-Dade County, Doral, Miami Lakes, and Medley, ensuring streamlined communication and permitting processes.
- Extensive library of historical data and project documentation to enhance decision-making and cost estimation accuracy.

Our office, technological capabilities, and skilled team enable us to provide efficient, high-quality solutions tailored to the City's needs.

---

*Our extensive experience, advanced resources, and dedicated team ensure we are well-equipped to support the City of Cooper City in achieving its goals. By combining technical expertise with innovative solutions and a commitment to excellence, Robayna and Associates, Inc. is prepared to deliver high-quality, sustainable results that align with the City's vision and serve its community for years to come.*



RGF 2024-1-PW

# TAB 6

Exhibit A/References

**Civil Engineering**

### Water/Wastewater/Storm-water

**Discipline: Water/Wastewater/Storm-water**

- Y Yes, my firm would like to be considered for services within the above-referenced discipline that are marked below with an “X”, or otherwise listed.**
- Y No, my firm would not like to be considered for services within the above-referenced discipline.**

**NOTE:** Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.

**CONSIDER MY FIRM FOR THE SERVICES MARKED BELOW WITH AN "X".**

[illegible]



## Architecture

**Discipline: Architecture**

- Y Yes, my firm would like to be considered for services within the above-referenced discipline that are marked below with an “X”, or otherwise listed.**
- Y No, my firm would not like to be considered for services within the above-referenced discipline.**

**NOTE:** Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.

**CONSIDER MY FIRM FOR THE SERVICES MARKED BELOW WITH AN "X".**

[illegible]

**Exhibit A**  
**Services to be Considered**  
**Landscape Architecture**

## Discipline: Landscape Architecture

- Y Yes, my firm would like to be considered for services within the above-referenced discipline that are marked below with an “X”, or otherwise listed.**
- Y No, my firm would not like to be considered for services within the above-referenced discipline.**

**NOTE:** Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.

**CONSIDER MY FIRM FOR THE SERVICES MARKED BELOW WITH AN "X".**

[illegible]

**Geotechnical**

**Discipline: Geotechnical**

- Y No, my firm would not like to be considered for services within the above-referenced discipline.**

**NOTE:** Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.

**CONSIDER MY FIRM FOR THE SERVICES MARKED BELOW WITH AN "X".**

[illegible]

## Transportation/Transit

**Discipline: Transportation/Transit**

**Y No, my firm would not like to be considered for services within the above-referenced discipline.**

**NOTE:** Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.

**CONSIDER MY FIRM FOR THE SERVICES MARKED BELOW WITH AN "X".**

[illegible]

### **Mechanical, Electrical, Plumbing (MEP)**

Exhibit A  
Services to be Considered  
Other

Discipline: Other Services

- Y Yes, my firm would like to be considered for services within the above-referenced discipline that are marked below with an “X”, or otherwise listed.
- Y No, my firm would not like to be considered for services within the above-referenced discipline.

*NOTE: Check only those services your firm will provide as a prime consultant. Do not include outside or sub-consultants.*

CONSIDER MY FIRM FOR THE SERVICES MARKED BELOW WITH AN “X”.	
	Bridge
	Unsafe Structures
X	Land Surveying & Mapping
	GIS for Engineering, Utilities, and Development Services
	Construction Engineering Inspection Services FDOT Certified
	Construction Engineering Inspection Services Non-FDOT Certified
	Engineering Plan Review
	Project Management
	Owners Representative
	Cost Estimating
	Grant Management
	Electrical Engineering Designs
	Other (please list):



## References

Agency/Firm Name: Miami-Dade Transportation of Public Works

Contact: Gabriel Delgado, P.E.

Address: 701 NW 1st Court, Suite 1500, Miami, FL

Phone: 305-375-5681

Work Performed: N. Miami Ave Bridge 874035 Replacement over C-8 Canal

---

Agency/ Firm Name: CHA Consulting, Inc.

Contact: Ivonne Planas, P.E.

Address: 8935 NW 35<sup>th</sup> Lane, Doral, FL

Email: [iplanas@chasolutions.com](mailto:iplanas@chasolutions.com)

Phone: 786-257-3086

Work Performed: Design/Route Survey- NW 135th Street; Land Surveying Services

Completion: 10/2024 Fees: \$115,706.70

---

Agency/ Firm Name: EAC Consulting, Inc.

Contact: Michael Adeife, P.E., ENV SP

Address: 5959 Waterford District Drive, #410, Miami, FL

Email: [madeife@eacconsult.com](mailto:madeife@eacconsult.com),

Phone: 305-265-5471

Work Performed: Serv.Agr. Design Large Diam. WW01-01; Engineering Design & Related Services

Completion: 2019 Fees: \$89,290.00

---

Agency/ Firm Name: AECOM

Contact: Babu Madabhushi

Address: 110 E. Broward Blvd. #700, Fort Lauderdale, FL

Email: [Babu.Madabhushi@aecom.com](mailto:Babu.Madabhushi@aecom.com)

Phone: 305-439-0869

Work Performed: MDWASD Consent Decree - Inspection Services

Completion: Started on December 2013 – 15 years Fees: \$86,022.00

---

Agency/ Firm Name: Hazen and Sawyer

Contact: Christopher L. Kish, P.E. ENV SP

Address: 999 Ponce de Leon Blvd., PH1150, Coral Gables, FL

Email: ckish@hazenandsawyer.com

Phone: 305-443-4001

Work Performed: MDAD Hydraulic Model Calibration & Continuation of SSES Phase III

Completion: 2024 Fees: \$15,000.00

---

The background image is a photograph of a tropical zoo enclosure, overlaid with a semi-transparent green filter. It features a variety of palm trees and lush vegetation. A paved path winds through the area. In the foreground, there are several large, colorful birds, including a prominent blue and green parrot. A sign with a swan illustration and the text "Swan Pond" is visible in the middle ground. A building with a white roof and blue railings is partially visible on the left side.

RGF 2024-1-PW

# TAB 7

Attached Forms

**PROPOSAL CERTIFICATION FORM**

I hereby declare that I have carefully examined this RFQ, and any other documents made a part of this RFQ.

I hereby propose to furnish the services specified in this RFQ. I agree that my Statement of Qualifications will remain firm for a period of 180 days in order to allow the City adequate time to evaluate the Statement of Qualifications.

I certify that all information contained in this Statement of Qualifications is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this Statement of Qualifications on behalf of the firm.



---

Oscar E. Robayna - President

---

Robayna and Associates, Inc.

---

5723 NW 158th Street

---

Miami Lakes, FL 33014

---

01/20/2025

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(305)823-9316

---

orobayna@robayna.com

---



**NON-COLLUSION AFFIDAVIT**

By submission of this affidavit, the Proposer certifies that this price is made independently and free from collusion. Proposer shall disclose below, to the best of its knowledge, any City of Cooper City officer or employee, or any spouse, son, daughter, stepson, stepdaughter, or parent of any such officer or employee, who is an officer or director of, or has a material interest in, the Proposer’s business who is in a position to influence this procurement. Any City of Cooper City officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement. For purposes hereof, a person has a material interest if he or she directly or indirectly owns more than five percent (5%) of the total assets or capital stock of any business entity, or if he or she otherwise stands to personally gain if the contract is awarded to this vendor.

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

<u>NAME</u>	<u>RELATIONSHIP</u>
N/A	



Oscar E. Robayna

Signature

STATE: Florida

COUNTY: Miami Dade

Sworn to (or affirmed) and subscribed before me this 20th day of January, 20 25 by: Oscar E. Robayna

(NOTARY SEAL)

Signature of Notary Public

Josefina San Martin

Name of Notary Public (Typed, Printed, Stamped)

Personally Known: X OR Identification Produced: \_\_\_\_\_

Type of Identification Produced: personally known

**SWORN STATEMENT UNDER SECTION 287.133(3)(A),  
FLORIDA STATUTES, ON THE PUBLIC ENTITY CRIMES**

(To be signed in the presence of a notary public or other officer authorized to administer oaths.)

STATE OF Florida COUNTY Miami - Dade

Before me, the undersigned authority, personally appeared, who, being by me first duly sworn, made the following statement:

Name of Proposer Robayna and Associates, Inc.

Business address 5723 NW 158th. Street Miami Lakes, Florida 33014

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

I understand that “convicted” or “conviction” is defined by the statute to mean a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

I understand that “affiliate” is defined by the statute to mean (1) a predecessor or successor of a person or a corporation convicted of a public entity crime, or (2) an entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime, or (3) those officers, directors, executives, partners, shareholders, employees, members and agents who are active in the management of an affiliate, or (4) a person or corporation who knowingly entered into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months.


**Please mark the appropriate paragraph below:**

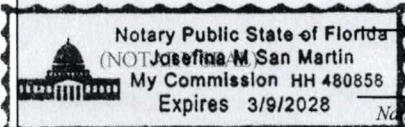
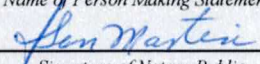
X Neither the proposer, contractor, nor any officer, director, executive, partner, shareholder, employee member or agent who is active in the management of the proposer or contractor nor any affiliate of the proposer or contractor has been convicted of a public entity crime subsequent to July 1, 1989.



\_\_\_\_\_ There has been a conviction of a public entity crime by the proposer or contractor, or an officer, director, executive, partner, shareholder, employee, member or agent of the proposer or contractor who is active in the management of the proposer or contractor or an affiliate of the proposer or contractor. A determination has been made pursuant to Section 287.133(3) by order of the Division of Administrative Hearings that it is not in the public interest for the name of the convicted person or affiliate to appear on the convicted vendor list. The name of the convicted person or affiliate is \_\_\_\_\_.

A copy of the order of the Division of Administrative Hearings is attached to this statement.

 Oscar E. Robayna  
Proposer's Signature

STATE:	<u>Florida</u>
COUNTY:	<u>Miami-Dade</u>
Sworn to (or affirmed) and subscribed before me this <u>20th</u> day of <u>January</u> , 20 <u>25</u> , by: <u>Oscar E. Robayna</u>	
<i>Name of Person Making Statement</i>	
	
	<i>Signature of Notary Public</i>
	<u>Josefine San Martin</u>
<i>Name of Notary Public (Typed, Printed, Stamped)</i>	
Personally Known: <u>X</u>	OR Identification Produced: _____
Type of Identification Produced: <u>personally known</u>	

**DOMESTIC PARTNERSHIP CERTIFICATION FORM**

THIS FORM **MUST** BE COMPLETED AND SUBMITTED AT TIME OF SUBMITTAL  
FOR PROPOSER TO BE DEEMED RESPONSIVE

The Proposer, by virtue of the signature below, certifies that it is aware of the requirements of Section 2-197.1 of the City of Cooper City's Code of Ordinances, "Requirement for city contractors to provide equal benefits to domestic partners", and certifies the following:

**Please check only one below**

- ☐ 1. The Proposer currently complies with the requirements of Section 2-197.1 of the City of Cooper City's Code of Ordinances and provides benefits to domestic partners of its employees and the partners' dependents on the same basis as it provides benefits to employees' spouses and the spouses' dependents
- ☐ 2. The Proposer will comply with the requirements of Section 2-197.1 of the City of Cooper City's Code of Ordinances at time of contract award and provide benefits to domestic partners of its employees and the partners' dependents on the same basis as it provides benefits to employees' spouses and the spouses' dependents
- ☐ 3. The Proposer will not comply with the requirements of Section 2-197.1 of the City of Cooper City's Code of Ordinances at time of award
- ☒ 4. The Proposer does not need to comply with the requirements of Section 2-197.1 of the City of Cooper City's Code of Ordinances at time of award because the following exemption applies:

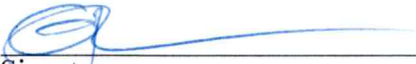
**Please check only one below**

- ☐ The Proposer's price bid for the initial contract term is \$100,000 or less
- ☐ The Proposer employs less than twenty-five (25) employees
- ☒ The Proposer does not provide benefits to employees' spouses or spouse's dependents
- ☐ The Proposer is a religious organization, association, society, or non-profit charitable or educational institution
- ☐ The Proposer is a government entity
- ☐ The Proposer cannot comply with the requirements of Section 2-197.1 of the City of Cooper City's Code of Ordinances because it would violate the laws, rules or regulations of federal or state law or would violate or be inconsistent with the terms or conditions of a grant or contract with the United States or State of Florida. Indicate the law, statute or regulation \_\_\_\_\_.  
(Attach explanation of its applicability)

**DOMESTIC PARTNERSHIP CERTIFICATION FORM (continued)**

I, Oscar E. Robayna, President of Robayna and Associates, Inc  
(Name) (Title) (Proposer)

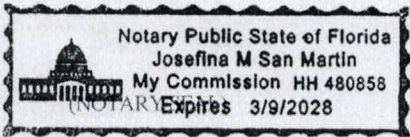
Hereby attest that I have the authority to sign this notarized certification and certify that the above-referenced information is true, complete, and correct.

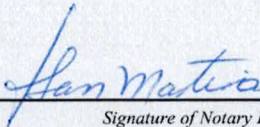
  
Signature

Oscar E. Robayna  
Print Name

STATE: Florida COUNTY: Miami-Dade

Sworn to (or affirmed) and subscribed before me this 20th day of January, 2025, by: Oscar E. Robayna,  
*Name of Person Making Statement*



  
*Signature of Notary Public*  
Josefina San Martin  
*Name of Notary Public (Typed, Printed, Stamped)*

Personally Known: X OR Identification Produced: \_\_\_\_\_

Type of Identification Produced: \_\_\_\_\_



**SCRUTINIZED COMPANIES CERTIFICATION**  
**(PURSUANT TO FLORIDA STATUTE § 287.135)**

I, Oscar E. Robayna, on behalf of Robayna and Associates, Inc,  
Print Name and Title Company Name

certify that Robayna and Associates, Inc does not:  
Company Name


- 1. Participate in a boycott of Israel; and
- 2. Is not on the Scrutinized Companies that Boycott Israel List; and
- 3. Is not on the Scrutinized Companies with Activities in Sudan List; and
- 4. Is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and
- 5. Has not engaged in business operations in Syria.

Submitting a false certification shall be deemed a material breach of contract. The City shall provide notice, in writing, to the Company of the City’s determination concerning the false certification. The Company shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If the Company does not demonstrate that the City’s determination of false certification was made in error, then the City shall have the right to terminate the contract and seek civil remedies pursuant to Florida Statute § 287.135.

Section 287.135, Florida Statutes, prohibits the City from:

- 1) Contracting with companies for goods or services in any amount if at the time of bidding on, submitting a proposal for, or entering into or renewing a contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, F.S., or is engaged in a boycott of Israel; and,
- 2) Contracting with companies for goods or services over \$1,000,000.00 that are on either the Scrutinized Companies with activities in the Iran Petroleum Energy Sector List, created pursuant to s. 215.473, or are engaged in business operations in Syria.

As the person authorized to sign on behalf of the Company, I hereby certify that the company identified above in the section entitled “Company Name” does not participate in any boycott of Israel, is not listed on the Scrutinized Companies that Boycott Israel List; the Scrutinized Companies with Activities in Sudan List; the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; and is not engaged in business operations in Syria. I understand that pursuant to Section 287.135, Florida Statutes, the submission of a false certification may subject the company to civil penalties, attorney’s fees, and/or costs. I further understand that any contract with the City for goods or services may be terminated at the option of the City if the company is found to have submitted a false certification or has been placed on any of aforementioned lists.

  
\* SIGNATURE

Oscar E. Robayna President  
PRINT NAME & TITLE

\* Individual must have the authority to bind the Company.

**Form must be executed and returned with attached proposal to be considered.**

**E-VERIFY FORM**

Definitions:

“Contractor” means a person or entity that has entered or is attempting to enter into a contract with a public employer to provide labor, supplies, or services to such employer in exchange for salary, wages, or other remuneration.


“Subcontractor” means a person or entity that provides labor, supplies, or services to or for a contractor or another subcontractor in exchange for salary, wages, or other remuneration.

Effective January 1, 2021, public and private employers, contractors, and subcontractors will begin required registration with, and use of the E-verify system in order to verify the work authorization status of all newly hired employees. Vendor/Consultant/Contractor acknowledges and agrees to utilize the U.S. Department of Homeland Security’s E-Verify System to verify the employment eligibility of:

- a) All persons employed by Vendor/Consultant/Contractor to perform employment duties within Florida during the term of the contract; and
- b) All persons (including sub-vendors/sub-consultants/subcontractors) assigned by Vendor/Consultant/Contractor to perform work pursuant to the contract with the Department. The Vendor/Consultant/Contractor acknowledges and agrees that use of the U.S. Department of Homeland Security’s E-Verify System during the term of the contract is a condition of the contract with the City of Cooper City; and

Should vendor become successful Contractor awarded for the above-named project, by entering into this Contract, the Contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The contractor shall maintain a copy of such affidavit for the duration of the contract. Failure to comply will lead to termination of this Contract, or if a subcontractor knowingly violates the statute, the subcontract must be terminated immediately. If this contract is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public contract for a period of 1 year after the date of termination.

Company Name: Robayna and Associates, Inc

Authorized Signature:  \_\_\_\_\_

Print Name: Oscar E. Robayna

Title: President

Date: January 20, 2025



### CONFLICT OF INTEREST DISCLOSURE FORM

The award of this contract is subject to the provisions of Chapter 112, *Florida Statutes*. All Proposers must disclose within their Proposal: the name of any officer, director, or agent who is also an employee of the City of Cooper City.

Furthermore, all Proposers must disclose the name of any City employee who owns, directly or indirectly, an interest of more than five percent (5%) in the Proposer's firm or any of its branches.

The purpose of this disclosure form is to give the City the information needed to identify potential conflicts of interest for evaluation team members and other key personnel involved in the award of this contract.

The term "conflict of interest" refers to situations in which financial or other personal considerations may adversely affect, or have the appearance of adversely affecting, an employee's professional judgment in exercising any City duty or responsibility in administration, management, instruction, research, or other professional activities.

Please check one of the following statements and attach additional documentation if necessary:


  X   To the best of our knowledge, the undersigned firm has no potential conflict of interest due to any other cities, counties, contracts, or property interest for this Proposal.

           The undersigned firm, by attachment to this form, submits information that may be a potential conflict of interest due to any other cities, counties, contracts, or property interest for this Proposal.

Acknowledged by:

Robayna and Associates, Inc

Firm Name

  
Signature

Oscar E. Robayna - President

Name and Title (Print or Type)

January 20, 2025

Date





**Addendum #1 - CLARIFICATIONS**  
(Issued Monday, November 25, 2024)

**RFQ 2024-1-PW, Continuing Professional Consulting Services (CCNA)**

*This addendum is issued to make the following change(s)/correction(s)/clarification(s) to:*

*Question 1: There appear to be multiple dates listed in the RFQ regarding the submission deadline. Could you please clarify the final and correct deadline?*

*Answer 1: The correct Due Date is Friday December 13, 2024 at 3pm*

**Acknowledgment of Addendum #1**

*Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.*

*Acknowledged by:*

*Print Name:*

Oscar E. Robayna

*Company:*

Robayna and Associates, Inc.

*Date:*

01/20/2025



**Addendum #2 - CLARIFICATIONS**  
(Issued Tuesday, December 3, 2024)

**RFQ 2024-1-PW, Continuing Professional Consulting Services (CCNA)**

*This addendum is issued to make the following change(s)/correction(s)/clarification(s) to:*

Due to the holidays, the due date for the submission of this proposal has been extended to Monday, January 6, 2024 at 3:00pm.

**Acknowledgment of Addendum #2**

*Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.*

*Acknowledged by:*

*Print Name:*

Oscar E. Robayna

*Company:*

Robayna and Associates, Inc.

*Date:*

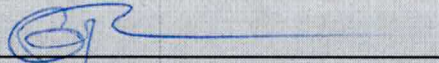
01/20/2025

City of Cooper City, Florida  
RFQ 2024-1-PW,  
Continuing Professional Consulting Services (CCNA)  
Addendum #2 - Clarifications

Acknowledgment of Addendum #3

Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.

Acknowledged by:



Company:

Robayna and Associates, Inc.

Print Name:

Oscar E. Robayna

Date:

01/20/2025



### Addendum #4

(Issued Thursday, December 12, 2024)

## RFQ 2024-1-PW, Continuing Professional Consulting Services (CCNA)

*This addendum is issued to make the following change(s)/correction(s)/clarification(s) to:*

The due date for the submission of questions for this proposal has been extended to Monday, December 16, 2024 at 3:00pm.

### Acknowledgment of Addendum #4

*Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.*

*Acknowledged by:*

*Print Name:*

Oscar E. Robayna

*Company:*

Robayna and Associates, Inc.

*Date:*

01/20/2025

City of Cooper City, Florida  
RFQ 2024-1-PW,  
Continuing Professional Consulting Services (CCNA)  
Addendum #5

*are currently unable to see an option to submit on DemandStar. Will this feature be enabled to accept e-submissions?*

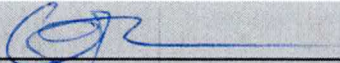
Answer 32: DemandStar has been updated to allow for electronic submissions. The method of submittal is at the discretion of the Proposer.

---

**Acknowledgment of Addendum #5**

*Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.*

*Acknowledged by:*



*Company:*

Robayna and Associates, Inc.

*Print Name:*

Oscar E. Robayna

*Date:*

01/20/2025



City of Cooper City, Florida  
RFQ 2024-1-PW,  
Continuing Professional Consulting Services (CCNA)  
Addendum #6

Question 17: *In the References TAB, can one project cover more than one service? For example, one project covering both Civil and Landscape Architecture*

Answer 17: Yes, just ensure that reference highlights each discipline in which it will cover.

---

Question 18: *Addendum #5 Response 4. Kept due date of December 13? and by the City Clerk's Office, City of Cooper City, 9090 SW 50th Place, Cooper City, Florida until 3:00 PM, Friday, December 13, 2024.*

Answer 18: Section A. of Addendum No. 6 extended the Proposal Due Date to Monday, January 20, 2025 at 3:00 PM EST.

---

Question 19: *On page 2 of 4, You have Tab 4 listed as Project Team/Manager's experience and then you have another Tab 4 of Approach to Handling the Potential Projects?*

TAB 4: *Project Team/Manager's Experience (Form - Exhibit B) Proposers*

TAB 4: *Approach to Handling of Potential Projects*

Answer 19: The TABs have been updated. Please see Section A. of Addendum No. 6.

---

Question 20: *On Page 2 of 4, you request licenses in Tab 3 and also in the first Tab 4. Where would you like the licenses placed?*

Answer 20: The TABs have been updated. Please see Section A. of Addendum No. 6.

---

Question 21: *Answer 6 states Exhibit B has been replaced with SF-330s. However, in your first Tab 4, you request Exhibit B Page 2 of 4 (really 2 of 8). Do you want Exhibit B or not and if not what do you want under Tab 4. Project Team?*

TAB 4: *Project Team/Manager's Experience (Form - Exhibit B) Proposers must list the members of the project team per discipline. Provide a list of the personnel to be used on each project.*

Answer 21: The TABs have been updated. Please see Section A. of Addendum No. 6. Project team shall be input on SF 330.

---

#### Acknowledgment of Addendum #6

Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.

Acknowledged by:



Print Name:

Oscar E. Robayna

Company:

Robayna and Associates, Inc.

Date:

01/20/2025



**B. QUESTION AND ANSWERS:**

*The following questions were received during the Question-and-Answer period.*

*Question 1: Would you like us to include the signed addendums under the forms section?*

Answer 1: The signed addendums should be included in Tab 7.

---

*Question 2: On Page 2, Tab 3 includes Exhibit A and then Tab 6 includes Exhibit A – Do you want this in both places?*

Answer 2: Exhibit A has been removed from Tab 3. Please see Section A. of Addendum No. 7.

---

*Question 3: Due date is January 21, 2025 – on Question 18 it refers to January 20? Please confirm Question 18: Addendum #5 Response 4. Kept due date of December 13? and by the City Clerk's Office, City of Cooper City, 9090 SW 50th Place, Cooper City, Florida until 3:00 PM, Friday, December 13, 2024.*

Answer 3: Proposal due date is Tuesday, January 21, 2025 at 3:00 PM EST.

---

*Question 4: Since Exhibit A is to be included in Tab 6, shouldn't "Exhibit A" be deleted from the title of Tab 3?*

Answer 4: Exhibit A has been removed from Tab 3. Please see Section A. of Addendum No. 7.

---

**Acknowledgment of Addendum #7**

*Bidders hereby acknowledges that he/she has received and understands the information contained in this Addendum. Bidders further acknowledges that this page **MUST** be signed and returned with its Bid, along with any revised Bid Forms, if applicable.*

*Acknowledged by:*



*Print Name:*

Oscar E. Robayna

*Company:*

Robayna and Associates, Inc.

*Date:*

01/20/2025