

**Bid Tabulation Packet  
for  
Solicitation PNC2119212P1**

**Consulting Services for Port Everglades**

**Bid Designation: Public**



**Broward County Board of County Commissioners**

## Johnson, Mirmiran & Thompson

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Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
PNC2119212P1--01-01	Consulting Services for Port Everglades	Supplier Product Code:	First Offer -	1 / fee	Y	Y
Supplier Total					\$0.00	

**Johnson, Mirmiran & Thompson**

**Item: Consulting Services for Port Everglades**

**Attachments**

JMTs Response - Broward County\_Consulting Services for Port Everglades\_PNC2119212P1\_.pdf

Agreement - Exceptions.pdf

Litigation Form - Exceptions.pdf

Subconsultant Form.pdf

September 9, 2019

# CONSULTING SERVICES FOR PORT EVERGLADES

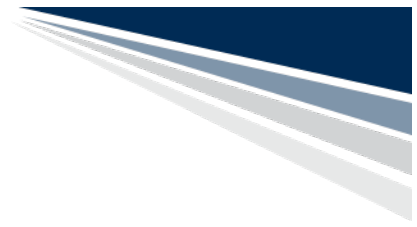


## REQUEST FOR QUALIFICATIONS

Solicitation PNC2119212P1

**Submitted to:**

Broward County Board of County Commissioners



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<b>Evaluation Criteria</b>		
<b>Consulting Services for Port Everglades</b>		
1.	<b>Ability of Professional Personnel: Maximum 30 points</b>	<b>Vendor Response</b>
	<p>Describe the qualifications and relevant experience of the Project Manager and all key staff that are intended to be assigned to this project. Include resumes for the Project Manager and all key staff described. Include the qualifications and relevant experience of all subconsultants' key staff to be assigned to this project.</p> <p><b>a:</b> Provide a comprehensive organizational chart including all members of the proposed project team, i.e., Land Surveying, Geotechnical Engineering, Civil Engineering, Transportation and Traffic Engineering, Environmental Protection, Landscape Architecture, Structural Engineering, Materials Testing, Interior Design, Lighting Design, Fire Protection, Plumbing, Mechanical Engineering, Electrical Engineering, Telecommunications and Data Engineering, and Leadership in Energy and Environmental Design (LEED) accredited professional (AP) related services..</p> <p><b>Points Value:</b> 15</p>	<p>Please see our response in the attached proposal.</p>
	<p><b>b:</b> Describe your firm's GIS/CAD/BIM capabilities, provide a list of projects completed related to utility databases and atlas creation. Include experience with Environmental Research Institute Software (ESRI). Include a list of projects totaling \$2 million or less in construction cost, completed in the past 5 years. List all seaport environment projects completed during the past 5 year. List projects where construction requires continuity of port operations and how that was addressed and resolved.</p> <p><b>Points Value:</b> 15</p>	<p>Please see our response in the attached proposal.</p>
2.	<b>Project Approach: Maximum 25 points</b>	
	<p><b>a:</b> Describe how the Vendor will coordinate multi-disciplined projects working with multiple diverse stakeholders in developing an overall project plan including environmental design, engineering and construction which provide the ability to maintain continuity of operations during the implementation.</p> <p><b>Points Value:</b> 15</p>	<p>Please see our response in the attached proposal.</p>
	<p><b>b:</b> Describe the criteria Vendor will use to assign subconsultants in the project.</p> <p><b>Points Value:</b> 10</p>	<p>Please see our response in the attached proposal.</p>

3.	<p><b>Past Performance: Maximum 30 points</b></p>	
	<p>Describe prime Vendor's experience on projects of similar nature, scope and duration, along with evidence of satisfactory completion, both on time and within budget, for the past five years. Provide a minimum of three projects with references.</p> <p>Vendor should provide references for similar work performed to show evidence of qualifications and previous experience. Refer to <b>Vendor Reference Verification Form</b> and submit as instructed. Only provide references for non-Broward County Board of County Commissioners contracts. For Broward County contracts, the County will review performance evaluations in its database for vendors with previous or current contracts with the County. The County considers references and performance evaluations in the evaluation of Vendor's past performance.</p> <p><b>a:</b> Include active and completed projects related to cruise and/or cargo terminal expansion/construction and any other seaport transportation projects.</p> <p><b>Points Value:</b> 15</p>	<p>Please see our response in the attached proposal.</p>
	<p><b>b:</b> Include active and completed projects related to marine infrastructure and dredging.</p> <p><b>Points Value:</b> 10</p>	<p>Please see our response in the attached proposal.</p>
	<p><b>c:</b> Include active and completed projects related to roadway and utility construction within a seaport environment.</p> <p><b>Points Value:</b> 5</p>	<p>Please see our response in the attached proposal.</p>
4.	<p><b>Workload of the Firm:</b></p>	
	<p>For the prime Vendor only, list all completed and active projects that Vendor has managed within the past five years. In addition, list all projected projects that Vendor will be working on in the near future. Projected projects will be defined as a project(s) that Vendor is awarded a contract but the Notice to Proceed has not been issued. Identify any projects that Vendor worked on concurrently. Describe Vendor's approach in managing these projects. Were there or will there be any challenges for any of the listed projects? If so, describe how Vendor dealt or will deal with the projects' challenges.</p> <p><b>Points Value:</b> 5</p>	<p>JMT, throughout the firm, has a constant workload of hundreds of projects at any time, at various stages of completion. As requested, we have included representative completed and active projects for JMT, throughout Florida, over the last five years, signifying our local experience. Our complete response is in the attached proposal.</p>
5.	<p><b>Location:</b></p>	
	<p>Refer to <b>Vendor's Business Location Attestation Form</b> and submit as instructed.</p> <p>A Vendor with a principal place of business location (also known as</p>	<p><u>JMT is Local.</u> Our form has been submitted and our Broward County business tax</p>

	<p>the nerve center) within Broward County for the last six months, prior to the solicitation submittal, will receive five points; a Vendor not meeting all of the local business requirements will receive zero points. The following applies for a Vendor responding as a Joint Venture (JV): if a member of the JV has 51% or more of the equity and meets all of the local business requirements, the JV will receive three points; if a member of the JV has 30 to 50% of the equity and meets all of the local business requirements, the JV will receive two points; and if a member of the JV has 10% to 29% of the equity and meets all of the local business requirements, the JV will receive one point. <b>Points Value: 5</b></p>	<p>license is shown in the attached proposal.</p>
<p>6.</p>	<p><b>Willingness to Meet Time and Budget Requirements:</b></p>	
	<p>This solicitation is for the award of a continuing contract. The specific projects requiring professional services under the agreement have not yet been identified. However, in general, explain your firm's approach in meeting "project specific" time and budget requirements and indicate whether Vendor is committed to meet these requirements when identified under this agreement.    <b>YES = 2 Points NO = 0 Points</b> <b>Points Value: 2</b></p>	<p>Please see our response in the attached proposal.</p>
<p>7.</p>	<p><b>Volume of Previous Work:</b></p>	
	<p>Refer to <b>Volume of Previous Work Attestation Form</b> and the <b>Volume of Previous Work Attestation Joint Venture Form</b> and submit as instructed.  Points assigned for Volume of Previous Work will be based on the amount paid-to-date by the County to a prime Vendor MINUS the Vendor's confirmed payments paid-to-date to approved certified County Business Enterprise (CBE) firms performing services as Vendor's subcontractor/subconsultant to obtain the CBE goal commitment as confirmed by County's Office of Economic and Small Business Development. Reporting must be within five (5) years of the current solicitation's opening date. If a Joint Venture, the payments paid-to-date by contract provided must encompass the Joint Venture and each of the entities forming the Joint Venture. Points assigned for Volume of Previous Work will be based on the amount paid-to-date by contract to the -Joint Venture firm MINUS all confirmed payments paid-to-date to approved certified CBE firms utilized to obtain the CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date. Amount will then be multiplied by the member firm's equity percentage. Three points will be allocated to Vendors paid \$0 - \$3,000,000); 2 Points will be allocated to Vendors paid \$3,000,001 - \$7,500,000; 1 Point will be allocated to Vendors paid \$7,500,001 - \$10,000,000; 0 Points will be allocated to Vendors paid over \$10,000,000). Payments for prime Vendor will be verified by the Purchasing Division. <b>Points Value: 3</b></p>	<p>JMT has not worked with Broward County within the past five years.</p>

# EVALUATION CRITERIA

## 1. Ability of Professional Personnel



# 1. Ability of Professional Personnel



## Firm Capabilities

**JMT's exceptional level of diverse expertise and superior track record with similar contracts enables us to bring you a team that is familiar with Broward County's Seaport Engineering and Facilities Maintenance Division's needs.** Having completed similar contracts throughout the Eastern Seaboard and for over 45 years, the JMT team appreciates the complexities of this contract. **JMT has the breadth of exceptional, multi-disciplinary expertise and the depth of committed resources to accomplish project.**

The JMT team has the knowledge and resources to handle both **minor and major projects** of all types. With a professional and support staff of 130 throughout our Florida offices, plus the additional resources of our subconsultants, **JMT commits to Broward County an exceptional team of experienced and uniquely qualified professionals to continue to serve the County on this contract.** In addition, JMT has over 38 offices and 1,600 individuals nationwide available to respond to any assignment. As an employee owned company, each employee has a sense of responsibility in every contract and every task.

JMT brings the unique and highly beneficial advantage of having Civil/Transportation Design, Surveying, SUE and Construction Management in-house in Fort Lauderdale. This facilitates fast-tracking of projects and streamlines coordination between disciplines. Having construction professionals available for input during design, as well as to perform constructability and biddability reviews, brings added value to our team.

JMT is fully committed to meeting or exceeding the **25% overall CBE** goal established for this contract. JMT's excellent team of subconsultants are experienced and are ready to address the technical challenges that may arise. JMT and our subconsultants have ample staff available for this contract and can begin design services immediately on simultaneous task assignments. JMT has more than 50 local technical staff plus an additional 50 local subconsultant staff within 30 miles, which allows us to respond quickly to any assignment with experienced engineers, planners, architects, and support staff. The JMT team can also pull staff from any of JMT's regional offices or specialized subconsultants for any additional highly qualified technical individuals available to perform any type or number of assignments. JMT has consistently demonstrated our capacity to complete projects on-time and within budget. **Our in-house staff can perform every discipline mentioned in the RFQ, giving us redundancy in covering the full scope of services anticipated under this contract. This gives our team a significant advantage in handling multiple tasks, accelerated schedules, tight budgets and proper quality assurance reviews.**

*JMT's comprehensive organizational chart is presented at the end of this section along with the team's key staff resumes.*

## Qualifications of the Project Team

The JMT project team will be led by **David Stickles, PSM, as Project Manager**, Josh Baimel, PE, as **Deputy Project Manager**, and Nancy Lehr, PE as **QA/QC Manager**.

### David Stickles, PSM | Project Manager | Survey & SUE Lead (JMT)



The Project Manager for this proposal will be David Stickles, PSM. Mr. Stickles has provided project leadership on numerous projects where he was responsible for task scheduling, assignment of unit resources, budget review/adherence, quality assurance, and coordination of sub-consultant and prime staff activities. He is a graduate of JMT's Leadership Development program and Project Management training and has acted as Project Manager on multiple contracts including large-scale open-end contracts with multiple Department of Transportations, County, City and local governments throughout the east coast and Federal clients throughout the United States and its territories.

He brings **more than 25 years** of experience with a diverse Surveying and SUE background. His experience includes field and office surveying assignments including topographic and boundary surveys, right-of-way surveys, centerline stakeout, cross sections, hydrographic surveys, construction stakeout, utility designation and test holes. He is a professionally licensed surveyor and mapper with the State of Florida and is also licensed in Maryland, Virginia, Pennsylvania, Delaware, Kentucky and Washington DC.

Mr. Stickles has acted as the Project Manager on multiple open-end services contracts during his career with JMT most recently for the State of Maryland's \$6 million-dollar Open-End contract for SUE Services, the \$2 million-dollar Open-End contract for Right of Way Services, the \$2 million-dollar Open-End contract for Field Survey Services and the \$2 million-dollar Open-End contract for Aerial and CAD related services.

Other contracts include:

- Maryland Port Administration
- USDA Natural Resource Conservation Service – Delaware (2 repeat contracts)
- USDA Natural Resource Conservation Service – Pennsylvania
- United State Fish & Wildlife Service – Region 4
- Federal Highway Administration EFLHD St Thomas, Raphune Hill Improvements
- Loudoun County Virginia Stormwater Infrastructure and General Land Surveying
- Mary Catherine Bunting Center at Mercy Hospital Construction Stakeout for Whiting Turner
- USACE, Kosovo Peace Keeping Mission
- University of Maryland Shock Trauma Expansion
- Dorms B&C at Goucher University
- Chesapeake Bay Bridge Cable Surveys
- Harford County DPW On-Call Surveying Services
- Boundary Surveys for the Maryland Stadium Authority

### Josh Baimel, PE | Deputy Project Manager | Civil Engineering Lead (JMT)

With 20 years of experience, Mr. Baimel has extensive experience managing and developing transportation and highway design projects. He is intimately familiar with managing Continuing Services Contracts for various municipalities in South Florida. Mr. Baimel has demonstrated proficiency serving as the engineer of record and quality assurance/control liaison for roadway plan components, budget/schedule maintenance, and public outreach coordination. His design and production experience include development of roadway plans, traffic control plans, drainage design, signing and pavement markings plans, lighting and traffic signal plans, utility coordination, and technical reports/ packages (RRR, LDAR, Pavement Design, Typical Section, Specifications). He has performed these services for numerous clients, including the City of Parkland, City of Fort Lauderdale, City of Doral, City of Tamarac, City of Hollywood, FDOT, Broward, Palm Beach, and Miami-Dade Counties, Miami International and Fort Lauderdale-Hollywood International Airports, and various municipalities and universities in South Florida. He also has over 15 years of experience performing FDOT Utility Coordination.

### Mark Kreaflle, PE | Senior Civil Engineer (JMT)

Mr. Kreaflle has over 40 years of project management and direct port engineering experience. During Mark's 23-year career at the Maryland Port Administration, he held such positions as Senior Project Design Engineer, Manager of Permits and Special Projects, Deputy Director of Engineering, and most recently, before moving to Florida, the Director of Engineering. The projects included in-house design and project management for a variety of projects: two mooring dolphins at Dundalk Marine Terminal, \$2,000,000;

marine sub-structure and pile repairs at all terminals, \$1,000,000; purchase of 12 rubber-tired gantries (container handling equipment Seagirt Marine Terminal), Kone Cranes, Finland \$17,000,000; multiple comprehensive paving contracts valued at \$4,000,000-\$7,000,000; new cargo shed at \$5,000,000; Project Coordinator for the Consent Decree with Maryland Department of the Environment Maryland Port Administration and Honeywell Corporation for the cleanup of hexavalent chromium contamination at Dundalk Marine Terminal, \$4,000,000 budget over 7 years. He has worked with local governments, Baltimore City and Baltimore County, and the Army Corps of Engineers. As Deputy Director and Director, Mr. Kreaflle was involved with the final design and construction of a new pier, Fairfield Marine Terminal, \$20,000,000 and the replacement of Berth 4 at Dundalk Marine Terminal, \$22,000,000. During his career, he has handled an average of 6+ projects simultaneously. The projects varied from the planning stages, design, bidding, construction, and project close-outs.

**Nancy Lehr, PE, APMP | QA/QC Manager | Structural Engineering Lead (JMT)**

Ms. Lehr has 14 years of experience in marine structural and coastal engineering along the east coast US. Throughout her career, she has focused on projects in and around the water. Types of projects she has worked on or managed included marina layout and design, pile foundation structures, dredging, dredged material management, bulkhead and sheet-pile wall design, development of plans and specification, and construction administration and observation. She has held a variety of roles through these projects from project manager and design engineer, to construction inspector. As part of this project, she will manage the design effort for all of the structural and marine components of the project, utilizing her knowledge in the both structural and coastal engineering.

**Michael Priory, PE | Transportation Engineering Lead (JMT)**

Mr. Priory has over 30 years of transportation engineering experience including road and highway design, rest area building improvements and parking expansion, engineering studies, value engineering, and construction administration. This experience has made him proficient in project management, the preparation of community awareness plans, typical section packages, pavement design packages, engineer's estimates, and computation books. In addition to the specific project experiences listed below, Mr. Priory specializes in the use of the Highway Safety Manual and is proficient in the use of software, such as MicroStation CADD, Primavera, and Highway Capacity Software.

**Jason Evert, MS | Environmental Protection Services Lead (JMT)**

Mr. Evert has 25 years of experience in performing aquatic/marine research and analysis and assisting clients with managing natural resources via environmental planning and permitting. Most of his experience involves complex regulatory issues and a significant amount of documentation, including that necessary for NEPA and ESA. He has more than 19 years of experience as a consultant to the navigation section of the U.S. Army Corps of Engineers. Most of Mr. Evert's experience involves complex regulatory issues and a significant amount of documentation, including that necessary for compliance with NEPA, ESA, and the Magnuson-Stevens Act. His experience is drawn from previous positions in both the private and state/federal government sectors, which includes projects set in marine, estuarine, freshwater, wetland, and terrestrial habitats. He leads our marine resource assessment team as a lead diver and marine scientist. He has worked on several Gulf Coast projects (Hernando Beach channel improvements, Stevenson Creek Restoration, Clearwater Harbor maintenance dredging, and Clearwater Municipal Marina).

**Jason Hahn, PE | Construction Management Services Lead (JMT)**

Mr. Hahn has over 27 years of experience in the transportation industry. He has extensive experience in project management controls and scheduling in general heavy highway construction practices for various government state agencies. Prior to relocating to Florida, Mr. Hahn was a Construction Services Manager in New Jersey, responsible for all construction management, inspection, scheduling, project management, and constructability reviews, supervising staff for large infrastructure construction projects in the aviation, building and transportation markets.

**Michael Hild, PE | Senior Structural Engineer (JMT)**

Mr. Hild has more than 46 years of experience in the planning, design, construction and maintenance of buildings and transportation related facilities for ports, airports, highways, rail and transit. Mr. Hild's experience spans both public and private sector responsibilities. He has served as Director of Engineering for the Maryland Port Administration, Deputy Director of Engineering for the Maryland Transportation Authority, and Senior Vice President at JMT responsible for the firm's multi-disciplined Facilities Division. Mr. Hild has been responsible for the technical management, quality control and quality assurance of the design and construction of well over \$1 billion in capital improvement projects.

### **Sergio Quevedo, PE, PTOE | Senior Traffic Engineer (JMT)**

Mr. Quevedo has 17 years of experience in managing a staff of technical personnel performing traffic operational and safety studies, ADA assessments, signing and pavement marking design, signalization design, ITS design, and lighting design. His responsibilities have included coordination with clients, field reviews, plans and report preparation and quality assurance. His experience includes numerous traffic studies, covering signal warrants, intersection safety and operations, arterial safety and operations, four-way stop warrants, signal retiming, speed, delay, and fatal crash and high crash location reviews. He also has experience with signing and pavement marking, signalization, ITS and lighting design, as well as the development of plans using MicroStation CADD and GuidSign. Mr. Quevedo is well versed in current ADA standards and criteria; has completed ADA reviews on hundreds of projects including plans review and field assessments.

### **Wesson "Wes" Miller, PE, LEED AP | Lighting Design Lead (JMT)**

Mr. Miller has 42 years of experience in electrical design for building projects including power distribution, lighting, fire alarm, and special systems raceway. He has successfully implemented central plant projects including service upgrades, medium voltage generation, and chillers. He has done MV site distribution on facility campuses. He has performed energy efficient designs for projects up to and including LEED Gold certification.

### **Jannek Cederberg, MSc, PE | Coastal/Marine Lead (CC)**

As Principal, Mr. Cederberg is responsible for all engineering production including scheduling, resource allocation, and quality management. Mr. Cederberg is formally trained as a coastal and marine engineer from the Technical University of Denmark. He has more than fifteen years of experience in coastal and marine engineering. He is a registered professional Engineer in the United States and he has completed engineering analyses, designs and permitting for a variety of shore protection, beach nourishment, river, cruise ship, marina and waterfront projects throughout Florida, the Caribbean and Central America.

### **Daphne I. Gurri AIA, LEED® AP | Architecture & Interior Design Lead (GM)**

As founding partner and President of the firm, Ms. Gurri is responsible for the general operations of the Firm and business development. Ms. Gurri has over 30 years total experience as an Architect and her governmental experience includes 28 years of continuous work in Government projects. Her experience covers governmental experience with the Federal, State and Local Gov't for a variety of projects including aviation/airports, educational, community centers, National Guard armory design, restaurants & multipurpose spaces, historic preservation, park design, ADA retrofits, site design, master planning, preparation of feasibility studies, and cost estimates.

### **Marta McNab NCIDQ, LEED® AP | Interior Designer (GM)**

Marta brings over 14 years of design and project experience. Marta not only gets involved in the interior design but is very involved in programming and space planning – meeting with users early in the project to understand the needs and functions of the space. A LEED AP Design Professional, Marta selects finishes which contribute to LEED credits and suits the Owner's budget constraints and maintenance/operations' goals. Ms. McNab is also intimately familiar with the selection of artwork, environmental graphics, wayfinding, and furniture procurement and installation.

### **Chris Miller, RLA, ISA, IA, LEED AP, SITES AP, LIAF, FNGLA | Landscape Architecture Lead (KCI)**

Mr. Miller is a highly qualified landscape architect with a keen interest in the Green Industry. His broad range of experience includes all phases of the design process from site analysis, concept generation and project planning to landscape, irrigation and amenity designs. He also has experience in final implementation. He is known for his innovative design solutions and immaculate attention to design details, construction specifications, plan reviews and hands-on construction inspection. Combined with the ability to recognize and solve the complex requirements of project integration, Mr. Miller's expertise includes a thorough understanding of Florida's ecosystems and critical water conservation principles. These strengths are complimented by his skill in photography and effective presentations. His extensive array of project experience includes planning, design and construction inspection of commercial developments, parks, municipal centers, streetscapes, FDOT roadway beautification projects and more. Mr. Miller currently holds 15 Green Industry Certifications.

### **George SanJuan, PE, LEED AP | MEP Engineering, Telecom & Data Lead**

George SanJuan created Delta G Consulting Engineers Inc. in 1992. Mr. SanJuan has led the growth of the firm to twenty-one engineers and staff since October 1992. George SanJuan is the founder of Delta G Consulting Engineers. He is an Electrical Professional Engineer with over 29 years' experience as an electrical designer, project manager and Principal-in-charge.

### Mark A. Mesiano, PE | Geotechnical Engineering & Materials Testing Lead (FET)

Mr. Mesiano has over 25 years of experience in the construction industry. He has extensive experience in program management in all phases of construction. His expertise includes Quality Assurance/Quality Control Manager and Threshold Inspector services for airports, highways, sports stadiums/arenas, power plants.

### Subconsultants

JMT has assembled an outstanding team to provide surveying services required by the County. This is a team that has an understanding and appreciation for the talents and experience each member brings to the team and to our clients.

JMT subconsultants are highly qualified firms in their respected fields. All members of our team are positioned to provide ease of access to any project site. The JMT Team members were selected for their reputation for providing excellent service in their respective field. We have an excellent working relationship with each firm and are comfortable and confident in their ability to provide the specific services required by the County for this contract.

**Coastal and Marine** | Founded by Jason Cummins, PE, and Jannek Cederberg, PE, Cummins Cederberg has successfully grown and established themselves as the leading engineering firm for complex coastal and marine engineering projects in Florida, Latin America, and the Caribbean, with offices in Miami, Fort Lauderdale, Jupiter, and Tallahassee. The Cummins Cederberg team of engineers and marine scientists have extensive experience in coastal and marine related projects. Their project experience includes numerous \$100M+ waterfront and infrastructure projects with private and public clients. Their team has unique comprehensive knowledge ranging from initial field investigations, such as bathymetric surveying, tide/current/wave measurements, underwater structural inspections, environmental assessments, and soil borings, to detailed analyses utilizing complex computer models and the engineering design and permitting of coastal dredge and fill projects, marine structures, seawalls, marinas and ports.



**CUMMINS | CEDERBERG**  
Coastal & Marine Engineering

**Architectural and Interior Design** | Gurri Matute PA (GMPA) is an award-winning full-service Architectural and Interior design firm providing professional services since 1996 to the United States federal government, county, state, municipal governments and large institutions. The firm's practice areas include Aviation, Civic/Governmental/Institutional, Educational, and Healthcare Facilities. At GMPA, they provide both full architectural/engineering design services and owner representation services for their governmental and institutional clients. Gurri Matute PA is Hispanic Woman Owned and Operated business with offices in Miami, FL and Deerfield Beach, FL. A significant number of tasks and projects completed during their past 23 years have been procured as individual task/service orders through Continuing Service Contracts (CSC) or Indefinite Delivery Indefinite Quantity (IDIQ) contracts, typically with stipulated threshold limits of \$2M in construction costs. Continuing Service Contracts from the following current and past clients include Nicklaus Children's Hospital, Cleveland Clinic, Catholic Health Services, The University of Miami, Miami Dade Aviation Department, Miami Dade College, Broward College, Florida International University, City of Miami, City of Coral Gables, American Airlines, the Florida Department of Military Affairs and the United States Coast Guard.



**Landscape Architecture** | The KCI Technologies Landscape Architecture team is one of the most experienced and comprehensive teams in south Florida. KCI's Broward County landscape team includes a staff of 15 professionals who have worked on over 200 transportation and complete streets projects, and over 50 municipal park projects. Their team consists of five Registered Landscape Architects, two IA Certified Irrigation designers/auditors and eight ISA Certified Arborists who perform work on every phase of a project, from planning and conceptual designs, to final construction and bid documents, and even through post-design and landscape CEI. They routinely coordinate with roadway engineers to minimize the impacts to existing landscape and perform a thorough tree inventory to accurately document existing tree conditions and determine the extent of those impacts. Their team has championed many innovative techniques to minimize tree impacts and has successfully relocated thousands of trees when impacts are unavoidable.



**MEP Engineering, Telecom and Data** | Delta G Consulting Engineers, Inc. was founded in 1992. They are registered with the USGBC. Delta G is a full-service consulting engineering firm dedicated to providing their clients with the highest quality Electrical, HVAC, Plumbing and Fire Protection engineering services at a competitive cost. They are experienced in low-rise, mid-rise and high-rise residential, office building design, hospitals, fire and police stations, airports, schools, library, municipal, retail, hotel, and single-family custom homes design. Delta G is centrally located to serving



clients in Miami-Dade, Monroe, Broward and Palm Beach Counties. Their headquarters is located in Downtown Fort Lauderdale and they have offices in Coral Gables.

**Geotechnical Engineering and Materials Testing** | Florida Engineering & Testing, Inc. (FE&T) is a multi-disciplinary engineering and consulting services firm offering geotechnical engineering, construction materials testing, special inspections, environmental engineering, project management, and consulting. Since their inception in 1994, FE&T has continued to grow to meet the needs of their diverse and changing client base. FE&T provides a full range of geotechnical services for varying clientele. They own and operate their own drilling equipment and support vehicles. FE&T performs a wide range of field and laboratory testing for construction materials. FE&T's familiarity with local codes and construction practices allows for an experience-based approach to their project management. FE&T is a CMEC & FDOT certified Testing Laboratory.



### GIS/CAD/BIM Capabilities

JMT is a full service multi-disciplinary A/E firm utilizing BIM across all disciplines, for vertical and civil projects. JMT uses Revit and BIM 360 Design for cloud-based model collaboration with clients and sub-contractors during design. Civil 3D, Infracore, Revit Live VR, and Lumion are used for civil projects, virtual presentations to stakeholders, and for community outreach.

JMT staff have developed numerous national and federal agency BIM standards. Our BIM/discipline professionals work with stakeholders to maximize BIM use for decision support, clash detection and issue resolution, model-based documentation, scheduling, estimating, analysis, and model handover for construction. We develop data throughout the project lifecycle based upon the National BIM Standard and our client's data requirements. This data is the basis for model use in asset management and operations. We have worked directly with Esri on BIM/GIS and asset management integration for the US Coast Guard.

JMT's Technology Group is a geospatial technology services provider that assists a variety of industries in solving complex business challenges. Our team of GIS professionals provides geospatial consulting services including program and project management, GIS database design, data management, applications development, systems integration, enterprise GIS support, spatial analysis, and map creation. We help our clients to access and visualize their data, making it possible to ask and answer questions that would otherwise not be possible. JMT is an Esri Authorized Business Partner and an early adopter of Esri technologies.

A utilities GIS basemap helps organizations effectively manage their utility assets. JMT has experience working with customers to design utility geodatabases; develop quality assurance and quality control procedures; perform subsurface utility engineering; convert data from CAD to GIS; and digitize features from contract drawings. Below are several project examples that demonstrate our experience working in the GIS/CAD/BIM realm.

#### MDOT Maryland Port Administration

JMT has provided utilities mapping services to Maryland Port Administration since 2000. Under the Locust Point Utility Base Mapping project, JMT performed deed, plat, and right of way research of North and South Locust Point Marine Terminals and adjoining properties. We developed a final boundary plan showing all relevant boundary and topographic information. JMT updated existing utility base mapping for North Locust Point and South Locust Point based on records research and aerial photogrammetry and performed field inspections to verify topographic features.

During this project, MPA embarked on an effort to develop an enterprise GIS. Since CAD files would be the primary source of geospatial information, MPA tasked a JMT subconsultant with updating MPA's CAD Standard to ensure that CAD deliverables were prepared in a way that makes them easy to convert to GIS. JMT performed the following tasks in support of this effort:

- Worked with stakeholders to define required layers, attributes, and domains for the utility portion of MPA's enterprise GIS
- Developed a crosswalk between CAD levels and attributes and GIS layers and attributes
- Coordinated with the subconsultant responsible for updating the MPA CAD Manual and developing a new workspace for MPA CAD users to facilitate the creation of compliant CAD files
- Provided review and feedback on the creation of a feature attribute editor for MicroStation and a tool that converted level names from the old version of the MPA CAD Standard to the new version
- Tested the successful conversion of features and attributes from CAD to GIS using Esri's Data Interoperability extension and SAFE Software's FME Workbench

Through this project, JMT helped position MPA to make the most of its investment in CAD files delivered by A&E firms performing design and construction work at its terminals. Following the development of a utilities geodatabase, JMT provided on-site GIS support to MPA. A GIS analyst geo-referenced contract drawings and updated the geometry and attributes of utilities data in MicroStation and ArcMap, ensuring the data were complete, topologically sound, did not contain duplicate features, and were free of geometry errors.

In order to share the GIS information collected by MPA, the Engineering Division hired JMT to gather requirements for and develop a web-based mapping application called Port View. Port View provides quick access to GIS data and tools to help MPA improve efficiency in their engineering business processes and make better decisions. In Port View, information is organized into contents, or collections of data layers and tools that focus on a particular business area. JMT developed the following contents in Port View: Utilities; Cargo; CTP and Other Projects; Geotechnical; Assets; Tenants, Plats, Deeds, and Boundaries; Signs; Security; Resiliency; and Pavement Condition Assessment.

Under the ongoing GIS Services contract, JMT provides recommendations to MPA for how best to manage their GIS and aids in implementing recommendations. This includes building out of the FME Workbench scripts for converting data from CAD to GIS and vice versa; guidance for implementing versioning and best practices for a multi-user editing environment; and field collection support through the configuration of Esri's Collector for ArcGIS and Survey123.

Contract Name	Start Date	End Date
Miscellaneous Engineering Services, MPA Contract No. 513001C	10/2012	2/2018
Geographic Information Systems (GIS) Services, MPA Contract No. 214044-IT	12/2014	04/2018
Geographic Information Systems (GIS) Services, MPA Contract No. 217045-IT	12/2017	Present

### Huntington Ingalls Industries

JMT has an on-going contract with Newport News Shipbuilding (NNS) to provide professional land surveying, subsurface utility engineering, and GIS services. The integration of these professional services allows JMT to satisfy a variety of requests at NNS. Since 2010, JMT has completed numerous projects involving topographic surveys, excavation pit surveys, as-built surveys, baseline surveys, 3-D laser scanning surveys, and underground utility surveys. Only a daily basis, JMT's utility designators and surveyors are tasked with mapping critical underground infrastructure including water mains, gas mains, propane / oxygen, and high-pressure air lines. To satisfy this daily mapping effort, JMT's surveyors established a dense network of horizontal and vertical control points throughout the facility. Utilizing this network, along with GPS technology, robotic total stations, conventional instrumentation, leveling methods, and GIS software integration, JMT can satisfy the project requests of NNS. Additionally, JMT reviews utility and as-built records and utilizes these records to aid in our designation of the underground utilities.

In addition to the daily mapping of the underground utilities, JMT provides surveying at NNS for other project types including the mapping of their utility tunnel, storm / sewer outfall studies, existing condition surveys for proposed buildings, water mains, sprinkler mains, propane and oxygen lines, and natural gas mains. JMT completed a 3D laser scan of a bridge structure within the facility utilizing our Leica C-10 Scan Station. The 3D scan data was used to determine critical horizontal and vertical clearance envelopes under the bridge structure.

JMT provides the shipyard with many deliverable options depending on the specific needs of each project. These deliverables vary from field sketches and reports, to digital files in AutoCAD and GIS formats. JMT's success at NNS is attributable to our highly qualified employees, responsiveness to tight schedules, ability to meet the needs of multiple shipyard departments / managers, and ability to meet project budgets. JMT provides the highest standards of professional services to NNS while meeting their very high safety standards & regulations.

Contract Name	Start Date	End Date
HII NNS Professional and Technical Services, Newport News for Land Surveying and Subsurface Utility Engineering	6/2016	Ongoing, 10/2019
HII NNS Professional and Technical Services, Newport News for Land Surveying and Subsurface Utility Engineering	7/2012	6/2016

### MDOT Maryland Aviation Administration

JMT was responsible for establishing MDOT MAA's utility GIS basemap by stitching together three large CAD files; performing edge matching; converting the data from CAD to GIS format; and editing the data to correct geometry errors, implement topological integrity, and improve attribute quality. JMT GIS staff merged the new utilities data with legacy datasets, taking care to prevent the loss of higher quality attribute or location information. Where conflicts in the source datasets occurred, JMT GIS staff geo-referenced relevant sheets from contract drawings, performed heads-up digitizing, and attributed features. JMT ensured that the resulting GIS data complied with MAA's GIS Standards and made utilities data available to other consultants upon request.

JMT assisted MDOT MAA in expanding the utilities basemap by converting CAD data captured in projects like the Elkridge Landing Road Employee Lot Entrance Pavement Rehabilitation and others into GIS format and incorporating the features into MAA's utilities GIS. JMT GIS staff utilized extract-transfer-load (ETL) scripts to perform the conversion and merged the new data with existing data. Using the ArcGIS Data Reviewer extension, we performed quality control checks and ensured that the resulting GIS data complied with MAA's GIS Standards. JMT made utilities data available to other consultants upon request, employing the Data Interoperability extension to provide the data in CAD format.

Once the initial utility basemap was developed, MAA wanted to share the data across the organization and with consultants supporting the Runway Safety Area Program. MAA tasked JMT to develop a Subsurface Utility Engineering (SUE) Status application to give users the ability to see where SUE data exists or is lacking at BWI and Martin State airports. The application allows users to select grids to find the design task number(s) under which SUE work was performed and when it was completed. JMT was also responsible for building GIS viewers for BWI and MTN's various utility networks including communications, deicing, electrical, fuel, natural gas, stormwater, wastewater, and water. As with the SUE Status application, users can select features to access detailed attribute information including size, material, year built, disposition, SUE quality level, contract number and sheet, and owner.

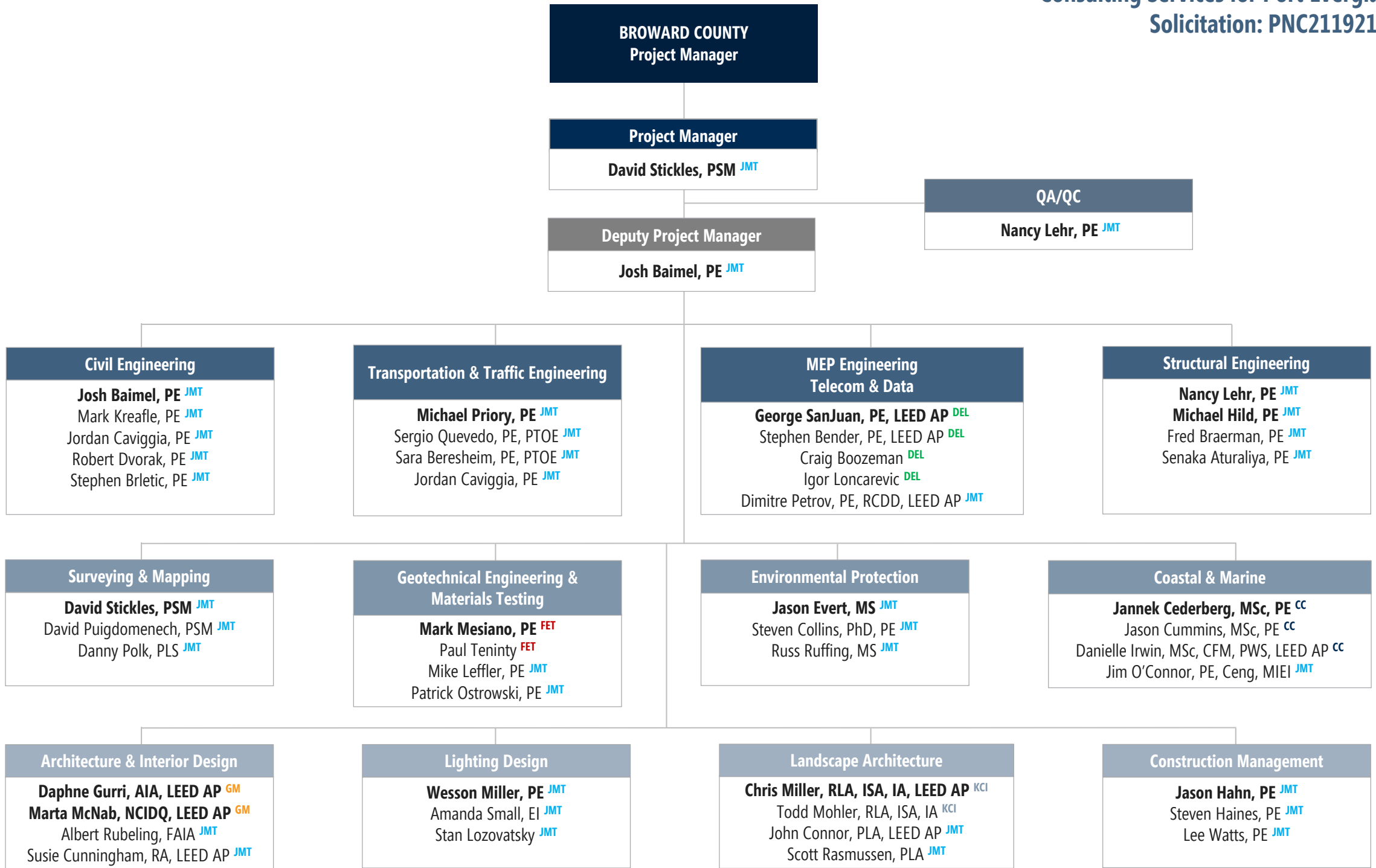
Following the development of the utility basemap, JMT established the AIRPortal Clearinghouse to ensure the efficient and effective management of MAA's geospatial data and documents. Under the clearinghouse, JMT created a consistent and uniform data management process to effectively ensure compliance with MAA's GIS and CAD Standards; established and defined roles and responsibilities of all participants, including MAA, the data clearinghouse entity, and the contributing consultants; established and defined guidelines for editing and updating the inventory geodatabase based upon validated business rules; established and defined effective and workable procedures and tools for sharing and exchanging data among participants; and established a geospatial data review process and data sharing for total transparency. Clearinghouse team members have and continue to identify and implement improvements in data maintenance and quality assurance workflows and update the Clearinghouse documentation accordingly.

JMT is providing professional services to develop MAA's Building Information Modelling (BIM) Standards. In 2018, JMT met with stakeholders and educated them about how the use of BIM in the design and construction process will benefit MAA and how it will change the way they do business. JMT worked with stakeholders to define possible BIM uses and prepared a matrix to help MAA determine when to require BIM deliverables and what deliverables to require. We prepared draft standards and obtained feedback from MAA stakeholders to include A/E consultants and contractors.

JMT is in the process of finalizing MAA's BIM Standards and accompanying documentation. This includes two BIM Execution Plan templates (one for complex projects and one for simple projects); a Revit template; and a construction specification. JMT has also been working on a matrix for Revit and Maximo. This matrix will help to ensure that the information captured in Revit for new assets will make its way into Maximo, the system used by MAA to manage assets over their lifetime.

Contract Name	Start Date	End Date
Comprehensive Design Services at BWI Thurgood Marshall, Martin State, and Other Airports	9/2011	11/2018
Comprehensive Professional Services for A/E Design Services at BWI Thurgood Marshall, Martin State, and Other Airports	8/2014	Present
Airport Subsurface Utility Engineering (SUE) and Geospatial Engineering Systems Services at BWI Thurgood Marshall, Martin State, and Other Airports	4/2017	Present

Consulting Services for Port Everglades  
Solicitation: PNC2119212P1



In addition to the staff listed above, JMT has over 45+ LEED AP® and 9 LEED AP® Green accredited professionals companywide.

**DAVID STICKLES, PSM**

Project Manager

**Years of Experience:** 25**Education**BS, Geography and Land Surveying,  
Towson University, 2005AS, Surveying, Community College of  
Baltimore County, 2001**Registrations**Professional Surveyor & Mapper:  
Florida - 7201

Also licensed in:

Maryland - 21263,

Delaware - S6-0000685,

Pennsylvania - SU075363,

DC - LS901932,

Virginia – 0403003034,

Kentucky - 4252

Confined Space Training

First-Aid/CPR/AED Certified

TWIC

JMT Project Management

JMT Leadership Development

Mr. Stickles has more than 25 years of experience in all aspects of Surveying and Subsurface Utility Exploration, as well as related engineering. He has served as both Principal and Project Manager on numerous open-end task related contracts throughout the mid-Atlantic region. Mr. Stickles has over 10 years of experience managing diverse, multi-disciplined project teams and directed task order contracts requiring architectural, civil, environmental, geotechnical, structural, mechanical, electrical, and construction management services. He also acts as our office manager for the Ft Lauderdale office in Broward County. His expertise includes boundary and topographic surveys, construction stakeout, hydrographic surveys, aerial photogrammetry, terrestrial HD scanning, UAS, as well as utility designating and locating. He is familiar with the latest technologies and innovations in Surveying and SUE including GPS, hi-definition scanning and robotic total stations, UAS (drones), detection of underground utilities, and vacuum based excavation. Mr. Stickles has provided project leadership on numerous projects where he was responsible for staff and client communication, contract review, task proposal development, task scheduling, assignment of unit resources, budget review/adherence, quality assurance, and coordination of sub-consultant activities.

**SHA, Field Survey Services (JMT 7th Consecutive Contract), Statewide, MD. Contract/Project Manager.**

Mr. Stickles ran this \$2 million open end contract. He was directly responsible for the scheduling, estimating, budgeting and invoicing for the contract on projects throughout the State. This also includes sub-consultant coordination with an MBE goal of over 25%. Services include GPS horizontal and vertical control surveys, highway surveys, profiles, right-of-way and construction stakeouts, spur lines, condemnation stakeouts, and surveys to support aerial photography. Typical projects include GPS surveys to establish horizontal and vertical control surveys using the HARN network, electronic data collection per SHA standards for both field collection and CADD processing, and digital terrain modeling. All files were delivered in SHA Microstation Format.

**Engineering Services for Stormwater Infrastructure and General Land Surveying, Loudoun County, VA (JMT's 2<sup>nd</sup> consecutive contract). Contract/Project Manager.**

On the current contract JMT has performed bathymetric surveys on 13 stormwater management ponds. On the first contract JMT provided land surveying services which included topographic and bathymetric survey as-builts for storm water ponds. JMT completed eight (8) task orders which included as-builts for one hundred nine (109) ponds, including eighty (80) dry ponds and twenty-nine (29) wet ponds. Surveys included the location of all control devices (with inverts), structures, ground breaks, ditches, from pond center to top of bank, including the breach point. Provided utility locations and designation services at the Parks, Recreation and Community Services Maintenance Facility, and utility location services (Test Holes).

**Terminal Base Mapping, MD, Maryland Port Authority. Project Manager.**

The Maryland Port Administration (MPA) had requested JMT to perform services for the completion of base mapping for various terminals. Terminals include Dundalk Marine Terminal, North & South Locust Point, and Masonville & Fairfield Marine Terminals. Under this task, JMT was responsible for mapping the subsurface utilities in each facility as well as supplying airborne LiDAR through the use of a subconsultant. JMT performed a tremendous amount of research both through private utility owners as well as through the Maryland Port Administration. All research received was logged and categorized, and copied for field verification. Deliverables consisted of Microstation base mapping files of all features above and below ground. The utility drawing generated showed sub-surface utilities in 3D using the as-built elevations shown on the plans supplied by MPA.



## DAVID STICKLES, PSM

Project Manager

**Survey of 3 Port Facilities, Poplar Island, Hart Miller Island and Cox Creek, Miscellaneous Engineering Services Contract, MD, Maryland Port Administration. Project Manager.** Under this open-end contract, JMT has performed engineering, topographic surveys, boundary surveys, right-of-way surveys, hydrographic surveys, metes and bounds descriptions, aerial photogrammetry, GPS Control Surveys, surveys to establish the mean high-water line, subsurface utility engineering, ground penetrating radar, surveys of submerged or filled lands. Task #24: Poplar Island, Hart Miller Island & Cox Creek: JMT was tasked with establishing survey control, both horizontal and vertical, tied to the Maryland State Plane Coordinate System on each facility using GPS and conventional methods. After establishment and observation, data would be post processed and submitted for inclusion to NGS's National Spatial Reference System (NSRS). After extensive research, aerial photogrammetry and ground surveys, JMT computed the new boundary land areas of each facility since large amounts of dredge spoils have been used to increase the size of each facility over the past 20 years. This took significant coordination with the US Army Corp of Engineers, Maryland Port Administration and several private contractors. A final boundary plan with area calculations from the filled land areas were calculated and reported. The final plans included all parts of the survey showing up to date mapping and boundary of the newly formed land masses, GPS Survey Control points found or established, and the average high-water line determination.

**IDIQ Legal Boundary Survey Services for all NRCS Easement Programs, U.S. Department of Agriculture. Contract Manager.** Under two consecutive contracts, Mr. Stickles provided ROW/easement surveys for the Grassland Reserve Program and the Wetland Reserve Program throughout the state of DE from 2006-2015. Performed rural boundary surveys, property line markings, deed and right-of-way research, deed plotting and property mosaic preparation, rural boundary surveys, property line markings, plat and legal description preparation. Each task order required establishing Delaware State Plane coordinates (NAD 83) on site with GPS surveys, and establishing a benchmark tied to the North American Vertical Datum of 1988 (NAVD 88). All new easement corners were monumented every 500' and at angle breaks. JMT was assigned 16 task assignments under these contracts.

**Open End Contract for Land Surveying Services, Harford County, MD, Harford County. Contract Manager.** Through various tasks under this open-end contract 17-195 for Harford County DPW, JMT's Survey & SUE Department provided various surveys for the Perryman Road Roundabout. JMT performed GPS Surveys, topographic surveys, boundary surveys, Quality Level B utility designation, Right-of-way plat preparation, baseline stakeout, and Metes and Bounds descriptions. The Perryman Road Roundabout will be a key intersection leading to the Perryman Peninsula in Harford County, Maryland and one of the region's major manufacturing and distribution centers. Prior to construction of the roundabout, the intersection of Perryman Road and Old Philadelphia Road was a three-way intersection that required minor maintenance of traffic during the topographic survey. JMT crews used GPS to establish horizontal and vertical control tied to a nearby Maryland State Highway control point. Topographic surveys encompassed approximately 500 feet in each direction of the intersection and approximately 100' wide, with utility designation in the same corridor. Boundary surveys of 9 properties including Maryland State Highway Right of Way occurred shortly thereafter and were used to develop the Right of Way plats ultimately for the property takes related to the new roundabout.

**Open-End Survey and Engineering Services, SHA District 4 (Baltimore and Harford Counties) MD. Survey Project Manager.** Assisted in highway and hydrographic surveys including electronic data collection, topographic surveys, metes and bounds surveys, profiles, spur lines, right-of-way stakeouts, interchange stakeouts, wetland identification, cross-sections, and miscellaneous surveys. Tasks also involved Subsurface Utility Exploration, both utility designation and vacuum based test holes.

**Open-end Engineering Services, Hyattsville, MD, City of Hyattsville. Project Surveyor.** JMT has provided topographic surveys, boundary surveys, property owner notification, metes and bounds descriptions, plat development, and control surveys for various task under this contract. To date, JMT has been issued 39 task work orders. Baltimore Avenue at Emerson Street: This survey involved recovering field boundary information and topographic mapping of the area at Baltimore Avenue at Emerson Street. The lots in question have been subdivided for over 75 years, therefore research information was very difficult to find and was non-existent in many areas. Rosemary Lane Walking Path: Provided full topographic surveys in conjunction with establishing the right-of-way of Rosemary Lane. Field crews established survey controls using Network RTK GPS and conventional techniques. Once controls were established, topographic surveys begun simultaneously with research and mosaic production. Arundel Place: As an active maintenance yard for the City, JMT was requested to prepare a boundary plat showing all lands owned by the City and any possible encroachments prior to new stormwater management designs. JMT performed topographic surveys of the entire area, subsurface utility designation inside the same limits of work, and boundary surveys of the subject parcels, as well as adjoiners.



# JOSH BAIMEL, PE

Deputy Project Manager | Senior Roadway Engineer



**Years of Experience:** 20

**Education**

BS, Civil Engineering, University of Florida, 1999

**Registrations**

Professional Engineer: Florida PE, 59999; New York PE Cert. No. 88800; New Jersey PE Cert. No. 04987600

**Certification**

Advanced Work Zone Traffic Control Training Certification  
Specifications Certification  
Digital/Electronic Delivery

With 20 years of experience, Mr. Baimel is a Senior Project Manager responsible for the management, design, and development of transportation projects including overall project oversight/client relations, serving as the engineer of record and quality assurance/ quality control liaison for roadway plan components, budget and schedule maintenance, and public outreach coordination. His design and production experience includes development of roadway plans, traffic control plans, drainage design, signing and pavement markings plans, lighting and traffic signal plans, utility coordination, and technical reports/ packages (RRR, LDAR, Pavement Design, Typical Section, Specifications). He has performed these services for numerous clients, including FDOT Districts 1, 4, 5, 6, and 7 and Florida’s Turnpike Enterprise; City of Parkland; Broward, Palm Beach, and Miami-Dade Counties; Miami International and Fort Lauderdale-Hollywood International Airports; and various municipalities and universities in South Florida. He also has over 15 years of experience performing FDOT Utility Coordination.

**Districtwide Minor Design Services/Production Support, FDOT District 4. Project Manager** for task-work-order driven contract consisting of providing design services for transportation projects, including resurfacing, restoration, and rehabilitation (RRR) projects; intersection safety improvements; operational/ capacity improvements; RFP preparation; and in-house PM/production support.

**Districtwide Miscellaneous Professional Engineering Design Consultant, FDOT District 6. Project Manager** for task-work-order driven contract consisting of providing design services on an array of transportation projects, including resurfacing, restoration, and rehabilitation (RRR) projects; intersection safety improvements; and operational/ capacity improvements.

**Districtwide Utility Coordination and Contract Production Support, FDOT District 4. Project Manager/Senior Utility Coordinator** for this task-work-order contract, consisting of providing utility coordination services on in-house FDOT District Four design projects.

**Loxahatchee Rd. from Arthur Marshall Loxahatchee Refuge to SR 7/US-441, Broward County, FDOT District 4. Project Manager** for this project which involves reconstruction of Loxahatchee Road from Arthur Marshall Loxahatchee Refuge to SR 7/US 441 to accommodate 11 lanes, 5-ft bike lanes in each direction, and sidewalk on the south side. Loxahatchee Road is an existing 2-lane rural sections that is 6.2 miles long. Project challenges include accommodating three (3) round-a-bouts within limited right-of-way, maintaining traffic during construction, and coordination between the various stakeholders (FDOT, City of Parkland, Broward County, adjacent construction projects). Wetlands were delineated on Loxahatchee Road from Arthur Marshall Loxahatchee Refuge to SR 7/US-441. Team biologists coordinated with design engineers to assure minimization of impacts to wetlands, protected species, and secondary impacts.

**Andrews Avenue from NW 18 Street to North of Copans Road (0.7 miles), Broward County, FDOT District 4. Project Design Engineer** responsible for plans production and design of proposed lighting features, including development of Lighting Design and Analysis Report (LDAR), utility coordination, and field documentation. Project involved reconstructing the existing corridor from an uncharacteristic two-lane divided section to a four-lane divided section, including installation of a new drainage system, expanding the existing Andrews Ave./Copans Rd. intersection, new signalization and lighting, and relocation of utilities.

**Continuing Professional Engineering Services (2012 – 2016, Prime; 2015-present, sub-consultant), City of Parkland, FL. Project Manager.** As both a Prime consultant and a sub-consultant to Hardesty and Hanover, Mr. Baimel is JMT’s project Manager for this task-work-



## JOSH BAIMEL, PE

Deputy Project Manager | Senior Roadway Engineer

order driven contract, involving a wide variety of services to the “environmentally proud” City of Parkland in northern Broward County. The scope of services included roadway and drainage design, structural design, traffic and transportation engineering, civil site planning, environmental engineering, building remodeling /construction/ inspection, plans review and permitting, material inspection, geotechnical engineering, construction engineering inspection, value engineering, mechanical/ electrical/plumbing, and landscape design. The individual on-call assignments involved the rehabilitation of the City’s roadway infrastructure and mixed-use trails to improve safety for cyclists and pedestrians, implementing a pavement management plan for the City’s 70+ lane miles using ArcMap/ GIS, and designing new park/recreational facilities and structures, all while maintain the City’s hometown feeling and family-friendly environment. JMT has provided engineering and surveying and mapping services for the following tasks: Hillsboro Boulevard Lighting Design; Trails End Lighting; Pine Island Lighting Design; West Hillsboro Boulevard Lighting Design.

**Professional General Engineering and Architectural Design Consultant, City of Doral, FL. Project Manager.** As an on-call general engineering consultant, the Team and its subconsultant partners, completed several professional engineering design projects of varying complexities for the City of Doral, one of the top-10 fastest growing cities in the United States. These general city infrastructure projects ranged from simple sidewalk connections, to roadway milling and resurfacing, and pavement marking projects, and complex drainage analysis and design projects.

**Districtwide Miscellaneous Professional Engineering Design Consultant, FDOT D6. Project Manager** for task-work-order driven contract consisting of providing design services on an array of transportation projects, including resurfacing, restoration, and rehabilitation (RRR) projects; intersection safety improvements; and operational/ capacity improvements. Assignments included: SR 924/NW 119th St./Gratigny Road at NW 27th, NW 22nd, NW 10th and NW 7th Avenues; SR 953/LeJeune Road at SR 5/US 1; SR A1A/Collins Avenue from SR 826/NE 163 Street EB to SR A1A SB Off-Ramp; SR 989/SW 112th Avenue from SR 821/HEFT to SW 248th Street; SR 7/SR 9 Golden Glades Interchange Park and Ride (West Lot); SR 916/NW 135th Street from NW 57th Avenue to NW 47th Avenue; and SR 860/Miami Gardens Drive at SR 5/Biscayne Boulevard/US 1.

**LED Lighting Systems on Nob Hill Rd. (from Heron Bay Boulevard to Hillsboro Boulevard / County Line Road) and University Dr. from Holmberg Rd to Loxahatchee Rd., City of Parkland, FL. Project Manager.** The scope of this project involved designing lighting systems along Nob Hill Road and on University Drive in the City of Parkland. Both corridors were not presently illuminated. The design process required analyses of various types of lighting systems including varying pole heights, pole spacing, pole formations (one side of roadway, staggered, median) using lighting design software such as GE’s Aladan and Visual 2012. The initial design consisted of 43’ concrete FPL cobra-head poles with 400W luminaires to be installed along the east side of the roadway. The City ultimately approved a LED lighting option which is more energy efficient and aesthetic. Extensive permitting coordination was required with Broward County, the North Springs Improvement District, and Florida Power & Light Company.

**SR 969/NW 72nd Avenue/Milam Dairy Road from north of NW 25th Street to NW 74th Street Connector, FDOT D6, Miami-Dade County, FL. Project Manager/Engineer of Record** for this 2.7-mile urban RRR project in Miami-Dade County. Scope of work included milling, resurfacing, ADA upgrades, signing and marking upgrades, signalization upgrades, bridge railing upgrades, drainage improvements, as well as safety improvements at the intersection of NW 74th Street. This section of Milam Dairy Road carries a significant amount of freight traffic between the Palmetto Expressway and the neighboring Miami International Airport and FEC/Hialeah Rail Yard, which presented numerous design challenges and considerably elevated the public perception of the project.

**I-95/SR 9 from NW 6th Street Bridge to Powerline Road Bridge, Broward County, FDOT District 4. Project Engineer** for milling and resurfacing, safety upgrades concerning guardrails and bridge railings, replacement of existing guide sign panels and restriping, and mitigation of side slope erosion through regrading/drainage improvements on this limited access corridor. Assisted in the design and production of roadway plans, signing and pavement marking plans, RRR report, and lighting analysis for this RRR interstate highway project.

**University Drive/SR 817 from Pines Boulevard/SR 820 to Griffin Road/SR 818, Broward County, FDOT District 4. Project Engineer** responsible for design and plans production for this 3.9-mile-long RRR project. Highlights included milling and resurfacing, provision of bike lanes and continuous sidewalk in both directions, upgrades to crosswalks, sidewalks, and curb ramps to comply with ADA requirements, implementation of the Department’s access management plan, cross-slope correction, upgrades to guardrail, and drainage improvements. Project Length: 3.9 miles.



**NANCY LEHR, PE, APMP**

QA/QC Manager | Senior Structural Engineer

**Years of Experience:** 14**Education**MS, Coastal & Oceanographic  
Engineering, University of Florida,  
2006BSCE Civil Engineering, University of  
Florida, 2005**Registrations**Registered Professional Engineer, FL,  
MD, VA, NC, SC, GA, TX, OH  
Associate Project Management  
Professional

Mrs. Lehr has an extensive career spanning over 14 years of professional experience in marine structural and coastal engineering along the east coast of the US. Throughout her career, she has focused on projects in and around the water, providing rehabilitation, renovation, storm resilience, and new structures. Many of the types of projects she has worked on or managed include marina layout and design, dredging, dredged material management, bulkhead and sheet-pile wall design, pile foundation structures, and storm surge protection. Through these projects she has held a variety of roles from project manager to design engineer and construction inspector, providing clients with feasibility studies, full construction plans and specifications, and construction administration and observation. As a project manager for dozens of large and small marine engineering projects, she utilizes her background in Structural and Coastal Engineering to provide an efficient design for both structural design loading and loads induced by coastal elements such as storm surge, breaking waves, and wind driven waves.

**Dania Cutoff Canal Deepening Project, Florida Inland Navigation District, Port Everglades, FL. Project Engineer.** Ms. Lehr assisted with the design, construction drawings, wrote the design specifications, and was a task manager for submittal organization and approval during construction administration. The project included dredging approximately 92,000 cubic yards of material from 4,000 linear feet of the Dania Canal to improve public access to the marinas along Dania Canal and approximately 3,200 cubic yards of material from Berth 31 & 32 of Port Everglades.

**Harbour Island at Marsh Landing Maintenance Dredging Project, Harbour Island at Marsh Landing Homeowners Association, Ponte Vedra, FL. Project Manager and Engineer of Record.** Project Manager and Engineer of Record. Responsible for the permitting and design for the dredging template for the Homeowner's Association of Harbour Island at Marsh Landing. The project involved the design and analysis of dredging approximately 17,000 cubic yards of material that encompassed both the North Lagoon and Marina areas of the neighborhood, along with the sand trap at each entrance to reduce future dredging efforts. Responsibilities included design, analysis, construction drawing production, and contract and client administration.

**Dock 26W Rehabilitation, Cleveland Cuyahoga County Port Authority, Cleveland, OH. Project Manager.** Mrs. Lehr is serving as the overall Project Manager, and the Structural Engineer for the bulkhead portion of the project. She has overseen all of the design work, while also providing the design and consultation on the design of the bulkhead and anchoring system. She also oversees that other disciplines are completing the design elements on time, meeting with the client to provide progress updates and design ideas, team communication and scheduling. The project includes replacing the bulkhead at dock 26W, one of the workhorse docks at the port, due to reduced structural integrity of the wall. In an earlier inspection project, JMT found that large areas of the wall were compromised at the mudline. This project included geotechnical investigations, corrosion testing, and physical locating of tierods behind the wall to facilitate design efforts. The project will also include a new stormwater collection system, increasing the height of the bulkhead to guard against rising lake conditions and a new fendering system.

**General Cargo Facility Main Gate Improvement Project, Cleveland-Cuyahoga County Port Authority, Cleveland, OH. Project Manager.** Mrs. Lehr served as Project Manager and oversaw JMT's role on this \$2,278,000 fast-tracked grant for physical and operational improvements to the existing single lane ingress and single lane egress, main access gate facility. The project increased gate throughput capacity by increasing the number of lanes,



## NANCY LEHR, PE, APMP

QA/QC Manager | Senior Structural Engineer

improved gate efficiency through technology, alignment and configuration adjustments, and made practical and beneficial civil infrastructure and related improvements. The improvements were designed to efficiently integrate with future main gate enhancements and upgrades including advanced cargo and security screening technologies, relocation of a security command center adjacent to the main gate, and upgrades to maximize the efficiency of processing a diverse mix of both manned and un-manned/autonomous vehicles. New design features include subsurface utility infrastructure to the proposed future security command center, security fencing, automatic gate arms and signage, above grade LED roadway lighting, stormwater management to control run-off and improve discharge water quality through detention, infiltration and vegetation, ornamental fencing and landscaping to improve aesthetics, relocation of the existing International Longshoreman's Association office, obtaining an environmental clearance from ODOT and all applicable building permits from federal, state and local agencies having jurisdiction.

**Miscellaneous Engineering Services, Dundalk Marine Terminal, Maryland Port Administration Baltimore, MD. Structural Engineer and QA/QC.** Mrs. Lehr provided assistance with the rehabilitation and dredging of the wharf at Berth 10. The project included an investigative analysis of the existing terminal, including underwater investigation and structural modeling, as well as detailed dredging design and structural engineering for bollard replacement to provide the berth with 200-ton bollard capacity. JMT provided MPA with fully engineered contract documents and specifications for public bidding and administered the contract bid process with the contracting parties. Under the same continuing services contract, Ms. Lehr provided conceptual design, structural oversight and quality assurance for a new mooring dolphin to be utilized at the Dundalk Marine Terminal. She also worked with the production team to produce the construction drawings and design specifications.

**St Kitts Cruise Pier Development Design Build, St. Kitts and Nevis. Project Manager.** Mrs. Lehr was responsible for the design and engineering construction services of the design of a new deep-water cruise ship pier designed to accommodate the berthing of two cruise Oasis Class ships simultaneously during a transit port call. The new pier was designed as a pile supported concrete structure to accommodate ships up to 1200 feet in length and a draft up to 31 feet and included mooring and breasting dolphins, catwalks, 150 ton and 200-ton capacity mooring bollards, high energy-absorbing berthing fenders and pier lighting. Structurally, the project was designed to withstand the elements of a 100-year storm in the Caribbean, which equates to wind speeds of 155 mph and large wave uplift pressures.

**Dubois Park Restoration, Palm Beach County Parks and Recreation, Jupiter, FL. Project Engineer.** Ms. Lehr assisted with the design and conceptual layout, performed structural modeling and calculations, and assisted in construction document development to restore the Dubois Family property in Jupiter, Florida. The project included a rock revetment, a day-dock marina component, a seawall for stabilization, and a rock breakwater for a snorkeling pool. The project received the [2012 National Association of County Park and Recreation Officials \(NACPRO\) Park and Recreation Facility Class II Award](#).

**Avenida Menendez Seawall Design and Permitting, City of St. Augustine, St. Augustine, FL. Project Engineer.** Ms. Lehr developed the conceptual layout and assisted in preparation of final construction documents and coordination with agencies. Several of the components involved were the preservation of a historically significant seawall (circa 1830) and scour protection, installation of a new 1800 ft. seawall and waterfront promenade, utility system upgrades, and other flood protection measures, along the waterfront of the historic district of St. Augustine.

**City Commons and Waterfront Park, City of West Palm Beach, West Palm Beach, FL. Project Engineer.** Ms. Lehr performed the structural design and modeling of three 400-ft long floating docks with widths up to 30-foot-wide, as well as construction administration and observation as part of a Construction Manager at Risk contract with the City of West Palm Beach. The public uses the docks for the West Palm Beach Boat Show and as a floating park. Design aspects include daily dock facilities, planters for wetland and native plants, and stability features for the dock's use as a promenade. The overall project received "[Project of the Year Award from the Marine Industries Association in 2009](#)."

**Charleston Seawall Repairs the Low Battery, Charleston, SC. Structural Engineer.** JMT provided planning and structural engineering for the City of Charleston in the assessment of the 1900's era retaining wall system on the Peninsula of Charleston in the Low Battery area. The Low Battery was constructed as part of a large land reclamation project undertaken in the early 1900's. In recent years, the wall has been battered by a number of hurricanes, tropical storms and high-water events which have led to accelerated deterioration of the structural foundations of the wall. Mrs. Lehr has utilized her coastal engineering background to provide calculations and design estimates for the design water elevations taking into account sea level rise and storm predictions, and her structural engineering background to provide conceptual designs to stabilize and strengthen the capacity of the wall.



# Michael Priory, PE

## Senior Roadway Engineer



Years of Experience: 30

### Education

BS, Civil Engineering, Bradley University, 1985

MS, Business Administration, Illinois Institute of Technology, 1991

### Registration

Registered Professional Engineer: FL – 60614; IL – 062.045875

Advanced Maintenance of Traffic (MOT), #16256

Mr. Priory has over 30 years of transportation engineering experience including road and highway design, rest area building improvements and parking expansion, engineering studies, value engineering, and construction administration. This experience has made him proficient in project management, the preparation of community awareness plans, typical section packages, pavement design packages, engineer's estimates, and computation books. In addition to the specific project experiences listed below, Mr. Priory specializes in the use of the Highway Safety Manual and is proficient in the use of software, such as MicroStation CADD, Primavera, and Highway Capacity Software. Representative project experience includes:

**Districtwide Minor Projects Design Consultant Production Support (2 contracts from 2010-2016), FDOT District 4. Project Manager** for these districtwide contracts that had more than 60 work orders including: District 4 staff augmentation in structures design AutoCAD Civil 3D support, I-95 rest area truck parking expansion, I-95 rest area plumbing and electrical upgrades, and an off-system roadway beautification project in Fort Lauderdale, a bridge repair project, Design-Build RFP development, bridge rehabilitation, observation deck replacements, park-and-ride lot expansion, guardrail replacement and slope protection, various studies, and post-design services.

**General Consultant for Plans Review and Design Support Services, FDOT District 4. Project Manager** for the review team conducting constructability, biddability, and quality control reviews related to projects within the Work Program for District 4 Design. Projects range from minor resurfacing to major interstate widening/new interchanges. Also attended field reviews and posted review comments on the ERC database.

**In-house Staff Augmentation, Consultant Management Design Section 6, Broward County, FDOT District 4. Project Manager** overseeing the design and production development of various off-system projects including: NE Broward Mobility Project, Pompano Beach/Deerfield Beach – pedestrian and bike improvements on NE 48th ST (SR-845 to SR-5), SW 3rd AVE (SR-869 to SR-810), NE 11th AVE (SR814 to NE 10TH ST.), and SE 2nd AVE (SR-869 to SR-810). NE 5th AVE from Boca Raton RD to NE 20th ST, Boca Raton –replacement of four-foot sidewalk with six-foot sidewalk and filling existing sidewalk gaps along the west side of the roadway. NE 34th CT from NE 12th TER to NE 16th AVE, Oakland Park, FL – the addition of sidewalk to both sides of the roadway, widening for designated bike-lanes in each direction and pedestrian lighting.

**NE 27th Terrace Bridge Replacement Design-Build, Broward County, FL. Project Manager.** Assisted preparation of an RFP to be used by the City to solicit technical and cost proposals from Design/Build Contractors to undertake the design, permitting and construction of the subject bridge replacement.

**NW 9th Avenue (Off-System) from Broward Boulevard to Sistrunk Boulevard, Broward County, FL (FDOT District 4 & City of Fort Lauderdale). Project Manager and Engineer of Record** for this safety and beautification improvement project for the City of Fort Lauderdale with matching Federal Funds. Project includes the addition of shared and stand-alone bike lanes, new sidewalk to eliminate existing gaps, pedestrian lighting, signal and signing and pavement marking improvements.

**SR-7/US-441 North of Hallandale Beach Blvd to North of Hollywood Boulevard, Broward County, FDOT District 4. Engineer of Record** for preparation of signing and pavement marking plans for the reconstruction of SR-7 from four lanes to six lanes. All computer-aided design for this project was developed using AutoCAD Civil 3D as a pilot project for District 4. Services also included in-house support in coordination with District 4 in-house Design Team for roadway and drainage plans production assistance.



## Michael Priory, PE

Senior Roadway Engineer



### **SR A1A/North Ocean Boulevard (Oakland Park Boulevard to Flamingo Avenue), Broward County, FDOT District 4**

Quality Control Engineer. Performed quality control reviews for project-related submittals such as typical section package, pavement design, and phase submittals. This project involved the reconstruction of SR A1A to provide two, ten-foot lanes in each direction and a buffered bike lane, drainage system modifications, ADA upgrades, signing and pavement markings modifications, the addition of mast arms at two intersections, new decorative lighting, and hardscape elements.

**Removal and Replacement of Pedestrian Overpasses Adjacent to SR-5/US-1 and SR-811/Alternate A1A, Palm Beach County, FDOT District 4:** Project Manager for this districtwide contract project that involved removing two existing bridge structures, adjacent to SR-5 and SR-811 at the Loxahatchee River, and replacing the one adjacent to SR-811 with an overpass for pedestrian use. Concrete from the existing structure demolition was used for artificial reefs.

### **SR 808/Glades Road from Interstate 95 to NW 7th Avenue, 1.284 Miles, Palm Beach County, FDOT District 4**

Project Manager and Engineer of Record for this Resurfacing, restoration, and rehabilitation (RRR) project involving milling and resurfacing, traffic rail replacement on four bridges, bridge widening to accommodate new sidewalk; sidewalk addition to eliminate existing gaps and provide access to Military Trail, signalization, landscaping enhancements, signing and pavement markings, and upgrading all pedestrian features to meet current Americans with Disabilities Act (ADA) standards. Project included detailed traffic control for work over Interstate 95 and the Florida East Coast (FEC) railway.

### **Broward County Transit (BCT) CB Smith Park & Ride Lot Expansion, Broward County, FDOT District 4**

Project Manager for the Park and Ride Expansion Plans which included expansion of the park and ride lot, new lighting, emergency call box installation and signing and pavement markings. Project required extensive coordination with Broward County Transit who funded the construction.

### **SR 714 (Martin Downs Boulevard) over Danforth Creek Bridge Repair, Martin County, FDOT District 4**

Project Manager for this bridge repair contract. Repairs include the first use of ultra-high-performance concrete in an FDOT project, slope protection, and obtaining a license agreement.

### **SR 9/Interstate 95 at Blue Heron Boulevard Interchange, Palm Beach County, FDOT District 4**

Project Manager and Engineer of Record for the Roadway Plans for this interchange improvement project involving the addition of one left-turn lane to both the northbound and southbound SR-9/I-95 exit ramps at Blue Heron Boulevard; extending the following existing left-turn lane(s) on Blue Heron Boulevard: the west leg with 42nd Way, east and west approaches to I-95, and west leg of Garden Road; addition of a right-turn only lane on the south leg, and extending the right-turn only lane on the north leg of the Blue Heron Boulevard /Garden Road signalized intersection; modifications to the existing signalized intersections, signing and pavement markings, landscape, hardscape, and, irrigation repairs required to accommodate the revised geometrics.

### **SR 9/I-95 Southbound Rest Area, Martin County, FDOT District 4**

**Project Manager** for this districtwide contract project for the expansion and reconfiguration of the concrete truck parking lot.

### **SR 823 (Flamingo Road) South of Pembroke Road to South of Griffin Road, Broward County, FDOT District 4**

**Project Manager** for this five-mile guardrail replacement project. Project involved analyzing existing conditions, safety hazards and areas with erosion problems, replacing substandard guardrail, and restoring canal embankment slopes behind the guardrail along SR-823/Flamingo Road, coordination with and permitting from three water management agencies.

### **St. Lucie County Rest Area Sanitary Sewer Replacement, FDOT District 4**

**Project Manager** responsible for the preparation of design plans for the replacement of an existing sanitary sewer service from the northbound rest area building to the existing lift station and rest area electrical upgrades.

**JASON EVERT, MS**

Senior Environmental Scientist

**Years of Experience:** 25**Education**

BS, Biology, Hope College, 1993  
 MS, Biology, University of Florida,  
 1999

Continuing Education:

University of Florida, Botany, 2000  
 University of North Florida,  
 Conservation Biology, 2001  
 University of Queensland, Tropical  
 Coastal Ecosystems, 2015

**Certifications/Affiliations**

Florida Stormwater, Erosion, and  
 Sedimentation Control Inspector  
 #28385  
 Authorized Gopher Tortoise Agent  
 #GTA-00027  
 Associate Fisheries Professional,  
 American Fisheries Society #2363  
 Rosgen Level I - Applied Fluvial  
 Geomorphology  
 Certified Motorboat Operator (U.S.  
 Department of Interior)  
 Certified SCUBA Diver, NAUI  
 SCUBA O2 Administration, PADI  
 Member, North American Sturgeon  
 and Paddlefish Society  
 Member, Environmental Committee,  
 American Association of Port  
 Authorities  
 Member, National Association of  
 Environmental Professionals  
 Corporate Member, Society of  
 American Military Engineers

Mr. Evert has 25 years of experience involving projects with complex regulatory issues that require a significant amount of research and documentation, including that which is necessary for compliance with NEPA (e.g., EISs and EAs), ESA, and Water Quality Certification. His experience is drawn from previous positions in both the private and state/federal government sectors. Notable work executed for federal and state governments includes planning and permitting for (1) coastal, navigation, and waterfront projects, including dredging (2) transportation projects, and (3) development of commercial/industrial parcels.

**Environmental Impact Statement, FWS Coordination Act Report, Mitigation Plan, Environmental Baseline Survey, Environmental Benefits Analysis, and Impact Analysis. Port Everglades Navigation Project, Fort Lauderdale, FL. Jacksonville District, USACE.**

Served as co-author of Draft and Final EIS with USACE biologist/client over a period of 15 years. Significant Issues included impacts to coral reefs, seagrasses, protected species from blasting, and water quality. Described resources and potential impacts to marine benthic habitats and associated biological communities, hardbottom and reef habitat, submerged aquatic vegetation, and protected species. Also served as author of the FWS Coordination Act Report (CAR) for the Port Everglades Expansion Project, which involved close coordination with FWS and NMFS to resolve impact assessment and recommendations. Facilitated Port Everglades Reef Group (PERG), created to resolve issues among stakeholders in regard to hardbottom habitat mitigation. Participated in public meetings and collated, organized and responded to public comments and resource agency comments.

**Loxahatchee Rd from Arthur Marshall Loxahatchee Refuge to SR7 US441, Broward County, FL.** Mr. Evert is managing and executing all environmental evaluations for compliance with NEPA for this roadway expansion project. The work included wetland delineations, protected species mapping, application for exemptions from SFWMD and a General Permit from USACE.

**Dames Point Container Terminal, Jacksonville Port Authority.** Provided wetland and protected species services for a new container terminal to be leased to Mitsui O.S.K. Lines, Ltd. (MOL). Assisted Weston Solutions (the Port's Engineer of Record) in preparation of the environmental assessment and wetland mitigation plan by conducting a wetland delineation for the project and assisting in preparing the wetland mitigation plan.

**Nexans Marine Terminal (Charleston, SC).** Mr. Evert was responsible for securing permits for dredging a new berth in the Cooper River. These included authorizations from USACE, NMFS, and SCDHEC.

**Downtown Clearwater Municipal Marina, City of Clearwater, FL.** Mr. Evert served as Project Manager, responsible for natural resource surveys and all aspects of environmental (FDEP and USACE) permitting and agency coordination for construction of a 200+-slip marina in Clearwater Harbor, Florida.

**Miami Harbor, FL, Expansion Environmental Impact Statement, FWS Coordination Act Report. Jacksonville District, USACE.** Served as author of the FWS Coordination Act Report (CAR) for the Miami Harbor Expansion Project. Significant Issues included impacts (including those from confined underwater blasting) to coral reefs, seagrasses, protected species, and water quality. Described resources and potential impacts to marine benthic habitats and associated biological communities, hardbottom and reef habitat, submerged aquatic vegetation, and protected species. Engaged in extensive coordination with FWS and NMFS to resolve impact assessment and recommendations to include in the CAR.

**Port Canaveral Harbor FWS Coordination Act Report, Jacksonville District, USACE and US Fish and Wildlife Service.** Served as author in the preparation of the Draft FWS Coordination Act Report for this navigation channel widening project. Major issues included avoidance of protected species and critical habitats, mitigation planning, and water quality issues, as well as secondary and indirect impacts of vessel traffic.



## JASON EVERT, MS

Senior Environmental Scientist

**South Carolina Ports Authority Cruise Ship Berth Relocation Permit Support (Charleston SC).** Mr. Evert planned and executed a noise impact study to support the port authority's permit application to re-locate a cruise terminal to a former cargo berth situated adjacent to one of the nation's most historic neighborhoods. Findings indicated that noise impacts would be *de minimus*, and the permit was granted.

**Fast Response Cutter (FRC) Homeport, USCG Sector Field Office Fort Macon, Atlantic Beach, NC.** Mr. Evert served as **Project Manager and Permitting Lead** in support of construction of improvements including vessel basin dredging at USCG Fort Macon in Atlantic Beach, NC. He was responsible for the preparation and acquisition of environmental permits required for the dredging and disposal operation, including obtaining authorizations under Clean Water Act Sections 404 and 401; the Rivers and Harbors Act Section 10; and the Coastal Zone Management Act. Furthermore, he conducted sediment physical and chemical sampling, testing, and evaluation, which helped determine suitable locations for the deposition of potentially hazardous dredged material. Mr. Evert assisted USACE with ESA Section 7 consultation with NMFS for issues related to Section 7 of the U.S. Endangered Species Act of 1973 and the Magnuson-Stevens Fishery Conservation and Management Act of 1973.

**Clearwater Harbor and GIWW Marine Resource Assessment. MSE Group and Jacksonville District, USACE.** Mr. Evert, as marine resource assessment team leader, planned and executed a marine resource survey to determine the presence and characteristics of seagrasses for the purpose of providing an existing conditions report to guide any potential impact assessment following maintenance dredging. Methods included snorkeling, diving, kayak, and pedestrian transects, and underwater photography as well as application of Braun-Blanquet sampling methods and subsequent data analyses.

**Venice Inlet and GIWW Marine Resource Assessment.** GRB Environmental and Jacksonville District, USACE. Mr. Evert, as marine resource assessment team leader, planned and executed a marine resource survey to determine the presence and characteristics of seagrasses and oysters for the purpose of providing an existing conditions report to guide any potential impact assessment following maintenance dredging. Methods included snorkeling, diving, and pedestrian transects, and underwater photography as well as application of Braun-Blanquet sampling methods and subsequent data analyses.

**Dolphin Research Center Maintenance Dredging (Grassy Key, FL).** Mr. Evert was responsible for assessing the need for maintenance dredging and securing a permitting exemption for dredging tidal pools used as pens for dolphins adopted from other facilities or raised in captivity. Also responsible for chemical and geotechnical testing of sediments to determine potential spoil disposition locations.

**Jacksonville Zoo Living Shoreline (Jacksonville Zoo/ City of Jacksonville).** Mr. Evert directed civil and structural engineering design efforts for this important demonstration project on the Trout River, a tributary to the St. John's River. The project involves several submerged features, emergent features and a boardwalk and overlook of the area and involves environmental education signage.

**Drayton Island Ferry Landing Replacement, Clay County, FDOT District 2.** Environmental Project Manager. Facilitated environmental NEPA re-evaluation, SJRWMD, and USACE permitting for design of new concrete ferry landings to replace existing timber structures for the residential ferry between Drayton Island and Georgetown, in Putnam County, Florida. Project included wetland delineation, submerged aquatic vegetation surveys, re-alignment of local roadway approaches, a Bridge Replacement Report, final design and permitting.

**I-95 Interchange at LPGA Blvd, Volusia County, FDOT District 5.** Mr. Evert is overseeing natural and cultural resource evaluations in support of a Project Development and Environment (PD&E) study of the Ultimate Configuration Plan at the existing I-95 and LPGA Boulevard interchange in Volusia County, Florida. Supervised field evaluation and documentation of natural and cultural resources within the project limits, quantified and compared potential impacts to resources resulting from various interchange configuration alternatives, and coordinated with SJRWMD, USACE, FFWCC, USFWS, and SHPO to achieve agency concurrence with anticipated impacts, permitting approaches, mitigation plans, and project commitments. PD&E study documentation involved development of a Natural Resource Evaluation (NRE) and a Cultural Resource Assessment Study (CRAS), in support of an Interchange Modification Report (IMR) and a Type I Categorical Exclusion.

**Flagler Beach Sand Search and Shore Protection Project Nearshore Hardbottom Assessment.** Mr. Evert acquired all necessary permits for performing submerged sand sampling to locate suitable material for a federal shore protection project. Coordinated with BOEM, USACE Regulatory Division, and FDEP to ensure compliance with federal and state laws and regulations. Mr. Evert also managed sidescan sonar surveys and analysis for this project, to determine the presence of sensitive hardbottom habitat along approximately ten miles of Flagler County beaches.

**MV-22 Hangars, Parking Garage, Taxiway, and Apron Expansion, MCAS New River, NAVFAC Mid-Atlantic and Camp Lejeune, NC.** Performed wetland permitting for impacts due to runway expansion, new hangar construction (largest Marine Corps building in the world and the largest Department of Defense cantilever hangar), and recreational features, specifically including construction of 66,000 SY asphalt parallel taxiway, 1,825,000 SF concrete parking apron expansion and a baseball/soccer field complex. Challenging issues included wetland mitigation, inter-agency coordination, and planning for minimizing indirect impacts. Project achieved LEED GOLD certification and accolades from the Department of Navy.



**WESSON "WES" MILLER, PE, LEED AP**

Senior Electrical Engineer

**Years of Experience:** 42**Education**

BS, Electrical Engineering

**Registrations**Professional Engineer -  
VA #0402045530Leadership in Energy and  
Environmental Design Accredited  
ProfessionalConfined Space Training  
OSHA 10-HourConfined Space Training  
NCESS Record

Silica Awareness-Part I &amp; II WECP #3

Mr. Miller has 42 years of experience in electrical design for building projects including power distribution, lighting, fire alarm, and special systems raceway. He has successfully implemented central plant projects including service upgrades, medium voltage generation, and chillers. He has done MV site distribution on facility campuses. He has performed energy efficient designs for projects up to and including LEED Gold certification.

**Maitland Pedestrian Bridge over I-4, Maitland, FL. Senior Engineer.** This project is for the redesign of the Maitland Pedestrian Bridge over I-4 in Maitland, Florida that was originally designed by the design/build team under contract with SGL Constructors. The bridge was originally designed as an architectural gateway into the City of Maitland and consisted of a curved superstructure supported by cables hung from a towering splayed arch over I-4. Subsequent to the pedestrian bridge collapse over traffic near Florida International University, FDOT requested a more basic bridge design from what was originally designed. JMT, working as a subconsultant on this project, is performing the lighting design for this bridge. The lighting design includes walkway lighting on the bridge as well as both approaches to the bridge. Additionally, Mr. Miller is overseeing the design of the lighted Maitland letters that will go on the side of the bridge as drivers approach the city. JMT's design includes lighting and controls.

**World Trade Center Baltimore, Column Lighting Options, Maryland Port Administration, Baltimore, MD. Project Manager.** The Maryland Port Administration (MPA) requested professional engineering services to prepare a study to determine the best options for replacing the exterior column lighting at the World Trade Center in Baltimore. JMT provided engineering analysis including choosing multiple lighting options, multi-colored light sources, life cycle cost, and energy consumption. JMT went the extra effort to get manufacturers to provide mock-ups of their fixtures in place. The building is located at 401 East Pratt Street on the Inner Harbor in downtown Baltimore, MD. The building is a 30-story office building with over 300,000 SF of office space. The effect when viewed from the far side of the Inner Harbor is that the building appears to rise up from the water.

**Design-Build Repair and Maintenance of DOD Army Medical Facilities Forest Glen Annex Building, Forest Glen, MD. Electrical Engineer.** Mr. Miller performed site investigations, analysis, design, full plans and specifications, construction phase support services including shop drawing reviews, site visits, progress meetings, and technical responses to RFI's. Mr. Miller coordinated with PEPCO to incorporate their requirements as the utility company. He separated two double tapped feeders into individual breakers, increasing reliability. The switchgear has three mains, two tie breakers, six active outgoing feeders, and three spare feeders. The project included over 1,000 ft of primary duct banks. He provided advanced digital metering on the mains and feeders for the owner. One of the challenges discovered during construction was unsuitable soil. Mr. Miller engaged JMT's Structures Dept. which developed a unique solution using geo-foam under the foundation. Mr. Miller designed the switchgear building foundation with a 36 in. by 36 in. trough running under the length of the switchgear to allow cables to enter and exit anywhere along the switchgear, underground, regardless of the breaker location.

**Buildings 9 & 10 Electrical Upgrades, Walter Reed National Military Medical Center, Washington, DC. Electrical Engineer.** Mr. Miller organized and assisted on site investigations and analysis, worked with JMT's team of electrical engineers and architects to facilitate the design/build documents for the renovation of the existing facilities. Through regular contact with the design/build team, issues were brought up and resolved to the satisfaction of all



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## WESSON "WES" MILLER, PE, LEED AP

### Senior Electrical Engineer

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members. There are 17 phases of work, which are required to minimize the outages to install new switchboards, panelboards, transformers and feeders. Mr. Miller provided guidance during construction phase services, including shop drawing reviews, site visits, and technical assistance for RFI resolution.

**Renovate Building 44 Public Restrooms- Harpers Ferry, National Park Service, Harpers Ferry, WV. Senior Electrical Engineer.** Under an on-call contract, JMT provided architectural and engineering services to plan, design, and prepare construction documents to renovate public restrooms in the historic Phillips Coons Building in Harpers Ferry, West Virginia. The design imperatives include compliance with codes, GSA design standards ABAAS, sustainable design practices, energy efficiency, Section 106, and WV state historic preservation. Mr. Miller's responsibility included design oversight and Quality Control.

**Final Design of Headworks and Wet Weather Flow Equalization, Back River Wastewater Treatment Plant, Baltimore, MD. Electrical Engineer.** Mr. Miller provided the design for a new medium voltage 20 MW generating plant using 2.5 MW diesel generators. His efforts included engineering analysis and full plans and specifications. Installed capacity was 10 MW with four engines, plus capacity to add four engines in the future. The project included medium voltage paralleling switchgear. The emergency distribution system provided six feeders to three double-ended 4160V switchgears serving 12 medium voltage motors, eight at 800 HP and four at 1500 HP. The project involved complicated controls system to account for the possible loss of up to three generators. The paralleling switchgear controls reach into the normal switchgear controls and take control of the mains, tie, and MV motor feeder breakers according to a priority established by the flow process. The system will parallel with the utility for a seamless return to normal power. Mr. Miller also had responsibility for quality control of the entire electrical design for the \$460M project.



## JASON HAHN, PE

Senior Construction Engineer



**Years of Experience:** 26

### Education

BS, Civil Engineering, Pennsylvania State University, 1991

### Registrations

Registered Professional Engineer,  
FL 78768

### Training History & Certifications

Advanced MOT  
Quality Control Manager  
Final Estimates Levels 1 & 2

Mr. Hahn has over 26 years of construction engineering and personnel management experience in the public sector, having worked for the Central Florida Expressway Authority, New Jersey Department of Transportation, Central Region, as well as the private sector. His experience includes construction engineering services on a variety of projects including roadway, bridge, aviation, utility and building construction that entailed project management and construction oversight.

### **Owner's Representative for I-4/SR 408 Ultimate Interchange and the coordination for the planned Brightline construction along SR 528, Central Florida Expressway Authority.**

**Owner's Representative.** The multi-level I-4/SR 408 Ultimate Interchange in downtown Orlando is the largest, most complex and busiest interchange as part of the overall \$2.3 billion I-4 Ultimate widening project. The planned Brightline construction will be built along 19 parallel miles of SR 528 impacting several CFX interchanges, as part of the overall \$3.5 billion Miami-to-Orlando high speed passenger rail system. JMT represents CFX as the authorized Owner's Representative during the next 3 plus years of planned construction to be completed within CFX jurisdiction on both projects.

**Lake Estates Small Water Main Improvements, Fort Lauderdale, Florida.** Sr. Project Engineer. Responsible for direction of inspection staff, daily coordination and negotiations with contractors, electronic document control, monthly pay applications and analysis, safety and incident management, attending meetings, and claims avoidance/resolution. Project involved the replacement of approximately 10,850 linear feet of existing water mains within the Lake Estates residential neighborhood from Northeast 56th Street to Northeast 60th Street, between Federal Highway and Bayview Drive. The project includes upgrading the 6-inch diameter water mains, providing water looping, installing fire hydrants per City requirements, and replacing the 8-inch diameter water mains.

### **Aircraft and Rescue Fire Fighting Station, Alachua County, Florida. Gainesville Regional Airport (GNV). Senior Project Engineer.**

Responsibilities include reviewing daily work reports, reviewing and submitting contractor monthly estimates, monthly schedules updates, compiling necessary support documentation, and preparing project minutes. Project includes the construction of a new 10,000-square-foot aircraft rescue and firefighting station at the airport. Scope included a 5 acre project site with land side parking, security fencing, water-main extension, force-main, lift station, air side access drives, special ARFF vehicle apron, storm water improvements and three dimensional surface modeling.

### **Airport Engineering Consultant. Atlantic City International Airport (ACY), Atlantic City, New Jersey. South Jersey Transportation Authority. Project Manager.**

Provided various services related to the safe and efficient operation of the Authority's facilities including engineering and construction management/inspection services for the Atlantic City International Airport (ACY) on various capital projects and maintenance programs as they related to the airfield, terminal and landside development. Assignments included emergency runway pavement repair analysis & design, taxiway rehabilitation design and construction management, updates to signing & markings plans, roof rehabilitation design, and preliminary design of the rehabilitation of the main airport access road.

### **Hurricane Irma - Emergency Building and Structure Assessment - Phase I, Jacksonville, FL. Senior Project Engineer.**

Responsible for the multi-day review and conditions assessment with the primary objective to determine if there had been any damage to the structures surveyed in the aftermath of Hurricane Irma. During this assessment, also provided some



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## JASON HAHN, PE

Senior Construction Engineer

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review of maintenance and the deterioration over time of the structures. Provided a detailed report of over 20 building structure assessments with recommendations and estimate of construction repairs.

**Jacksonville Regional Transportation Center, Jacksonville, FL. Senior Project Engineer.** Responsible for direction of quality assurance oversight, electronic document control, billings and attending meetings. Project involved the construction of the approximately 8,000 sf Intercity Bus Terminal and Bus Transfer Facility consisting of 13 bus bays and the Iconic Administration area consisting of approximately 35,000 sf of interior space in the La Villa area of Jacksonville. The \$40 million combined mass transit hub will improve the flow of traffic by integrating multiple modes of transportation, including local and regional bus networks, taxis, rental car services, elevated rail system, and any future national rail service. The elevated urban plaza will also feature a large open area with mixed-use retail opportunities.

**US Highway 49 Improvements between Florence and the scale Area, Rankin County, MS. CPM Schedule Expert.** Responsible for the review of the contractors submitted schedule. Project was for the \$150M widening of over 10 miles along US 49 between Florence and the Scale Area just south of I-20. Reviewed baseline schedule activity durations with contract requirements and overall project logic. Reviewed production rates and provided cost analysis of cost loaded baseline.

**Stamford Urban Transitway Phase II, City of Stamford, Connecticut. CPM Schedule and Cost Expert.** Responsible to provide an independent project cost to complete. Determined and calculated current estimated project cost to complete along with an estimated completion date based on contractor's current production and performance. Reviewed project documents and correspondence along with latest schedule submission. Compared latest schedule against actual activity completion and current project status. Compared baseline schedule activity durations with documented actual completion dates and durations. Reviewed claims determined entitlement provided recommended settlement options.

**Replacement of the Turnpike's District 6 Maintenance Facility and (3) State Police Barracks. New Jersey Turnpike Authority. Sr. Project Engineer.** Responsible for direction of inspection staff, daily coordination and negotiations with contractors, electronic document control, change order review and analysis, safety and incident management, conducting meetings, and claims avoidance/resolution. The State Police Barracks will be brought up to contemporary law enforcement agency standards to meet today's requirements and future needs, including a fitness room and locker room facilities for female troopers. In addition, the upgrades will include expansion of parking, new underground motor fuel tanks, new utility services including emergency generators, and a helipad at Moorestown. The new District 6 Maintenance Yard will provide updated equipment, expanded capabilities, and contemporary amenities for Turnpike Maintenance personnel to replace the overcrowded and obsolete facility.

**Rehabilitation of the Turnpike's Toll Utility Building and Tunnels. New Jersey Turnpike Authority. Sr. Project Engineer.** Responsible for direction of inspection staff, daily coordination and negotiations with contractors, electronic document control, change order review and analysis, safety and incident management, conducting meetings, and claims avoidance/resolution. The rehabilitation of 25 Toll Utility Buildings spread across 3 contracts South, Central and North on the NJ Turnpike to address the toll plazas immediate need for functionality such as stand-by power (utility building & ETC huts), public health (water, sewer, etc.), improved working conditions for the employee (HVAC-AC/heat/positive air), electrical/lighting, waterproofing, avoidance of mold, as well as security upgrades (doors windows, lighting, etc.), and structural repairs (slab replacements/repairs, tunnel repairs, roofs, etc.).

**Taxiway K Rehabilitation, Atlantic City International Airport (ACY), Atlantic City, New Jersey. South Jersey Transportation Authority. Project Manager/Construction Manager.** Responsible for design and for the construction inspection of the pavement rehabilitation of Taxiway K. Provided construction documents, funding assistance, and construction phase services. The taxiway was an Aircraft Design Group (ADG) IV concrete taxiway with asphalt shoulders, and was used as a connector between the FAA Apron and Taxiway B and also served the Arm/Disarm Apron located immediately to the east of Taxiway K. Multiple concepts were developed to attempt to provide ADG V geometry while minimizing stormwater management requirements. Coordinated with the FAA ADO to provide Taxiway Design Group (TDG) V geometry to allow ADG V aircraft to have the appropriate full-strength pavement and fillet dimensions, while allowing the taxiway to remain as a ADG IV designation. In addition to pavement re-construction, the project included grading, drainage, pavement markings, and airfield lighting improvements.



**MIKE HILD, PE**

Senior Structural Engineer

**Years of Experience:** 46**Education**

MS, 1987, Technical Management  
 BS, 1982, Civil Engineering  
 Professional Certificate, 1988,  
 Executive Development Program

**Registrations**

Professional Engineer – NJ, PA, UT,  
 MD, VA

Mr. Hild has 46 years of experience in the planning, design, construction, maintenance and operation of multi-modal transportation projects for Maryland Port Administration (MPA), Maryland Transportation Authority (MdTA), Maryland State Highway Administration (SHA), and Maryland Aviation Administration (MAA). During Mr. Hild's 18 year tenure with MPA as Chief Engineer and Director of Engineering, he was responsible for directing over \$750 million in design and construction projects including coordination with Federal, State, City and County agencies including Army Corps of Engineers (ACOE), Maryland Department of the Environment (MDE), Chesapeake Bay Critical Area Commission, City and County DPWs and DEPs, United States Coast Guard (U.S.C.G.), Department of Natural Resources (DNR), Greater Baltimore Committee, Baltimore Development Corp., MD State Police, State Fire Marshalls, etc. In addition, Mr. Hild was responsible for managing every port facility and waterfront structure, condition inspection for the Maryland Port Administration from 1986 to 2005. Condition Inspections were major tools for MPA to assure the safety and proper maintenance of \$2.5 billion of port infrastructure including over 6 miles of deep water berths, 1000 acres of pavement, 2 million square feet of industrial buildings and 30,000 square feet of high-rise office space.

**Cleveland-Cuyahoga County Port Authority. General Cargo Facility Main Gate Improvement Project, Cleveland, OH. QA/QC.**

JMT's local role on this \$2,278,000 Federal grant includes physical and operational improvements to the existing single lane ingress and single lane egress, main access gate facility. New design features include subsurface utility infrastructure to the proposed future security command center, security fencing, automatic gate arms and signage, above grade LED roadway lighting, stormwater management to control run-off and improve discharge water quality through detention, infiltration and vegetation, ornamental fencing and landscaping to improve aesthetics, relocation of the existing International Longshoreman's Association office, obtaining an environmental clearance from ODOT and all applicable building permits from federal, state and local agencies having jurisdiction.

**MAJOR PORT DEVELOPMENT PROJECTS, Maryland Port Authority, Baltimore, MD.**

TSA/Homeland Security Projects including Access Control, Video Surveillance and Perimeter Monitoring; Seagirt Marine Terminal (SMT); Masonville Automobile Terminal; Intermodal Container Transfer Facility; Berth 4 Expansion, SMT; Six Forest Products Sheds (over 800,000 s.f.); Maintenance and Repair Facility at Dundalk Marine Terminal (DMT); Fleet Maintenance Facility, DMT; Fumigation Facility, DMT; Twelve 50 Long Ton Rubber Tired Gantry Cranes, SMT; Seven Post Panamax Container Cranes, SMT; 50 Long Ton Panamax Container Crane, DMT.

**MAJOR PORT RENOVATION PROJECTS, Maryland Port Authority, Baltimore, MD.**

Replacement of nine high-rise elevators, World Trade Center Baltimore (WTCB); Wharf Reconstruction Berth 5 & 6, DMT; Cruise Terminal, DMT; HVAC, Electrical Distribution, Emergency Power, Fire Protection and Security System Upgrades, WTCB; Emergency WTCB Building Restoration and Systems Replacement after Tropical Storm Isabel flood damage; Major upgrades to three Container Cranes, DMT; Wallenius Wilhelmsen Lines Mid-Atlantic Terminal, DMT; Maersk/Universal Terminal, DMT; MDE Consent Decree (re: chromium contamination) implementation and compliance, DMT.

Additional examples of Major Development Projects:

- Managed the planning and design of the Port of Baltimore's \$13 million, 14-acre passenger cruise ship facility at South Locust Point in Baltimore. The facility, which opened Spring, 2006 was designed to accommodate 2,900 passengers, provide parking for more than



## MIKE HILD, PE

### Senior Structural Engineer

500 automobiles and buses, and provide dockage for cruise ships up to 90,000 gross tons and 965 ft. LOA.

- Directed the planning, design and construction of Maryland Port Administration's (MPA) Clinton St. "Small Boat Facility" in Baltimore. This facility included a 55,000 SF pile supported Boat House and Maintenance Building providing sheltered in-water dockage for MPA's 66 ft. yacht, "Mary Lynn" and the 44 ft. passenger/surveying vessel, "Port Endeavor".
- Defined and managed TSA/Homeland Security Projects (Access Control, Video Surveillance and Perimeter Monitoring) to secure the Port of Baltimore's public marine terminals.
- Directed the planning design and construction of Seagirt Marine Terminal (SMT), a 140-acre, \$250 million deep water container terminal constructed on a Baltimore dredged material disposal site.
- Berth 4 Expansion of SMT, an additional 20 acres of land development on a dredge disposal site for container operations in the Port of Baltimore.
- Directed the planning, design and construction of the Masonville Marine Terminal, a 50-acre import/export automobile facility.
- Planned, and oversaw the design and construction of the Intermodal Container Transfer Facility, a CSX operated 75 acre, \$25 million on-dock rail facility for ship to rail transfer of containers, and road to rail transfer of domestic freight.
- Planned and managed the design and construction of six Forest Products Sheds consisting of over 800,000 s.f. of covered waterfront storage space.
- Managed the planning, design and construction of an interim cruise terminal for Port of Baltimore at Dundalk Marine Terminal (DMT).
- Planned and managed the design and construction of a Fleet Maintenance Facility and a Fumigation Facility at Dundalk Marine Terminal.
- Planned and managed the dredging of numerous new shipping channels and channel widening and deepening projects in the Port of Baltimore.
- Replacement of nine high-rise elevators, World Trade Center Baltimore (WTCB) and Electrical Distribution, Emergency Power, Fire Protection and Security System Upgrades.
- Marginal Wharf Reconstruction Berth 5 & 6, DMT.
- Emergency WTCB Building Restoration and Systems Replacement after Tropical Storm Isabel flood damage.
- Design and construction of the 50-acre Mid-Atlantic Terminal in Baltimore, a Roll-on/Roll-off ("RO/RO") facility for Wallenius Wilhelmsen Lines, DMT.

**Maryland Department of The Environment Consent Decree, Dundalk Marine Terminal, Maryland Port Administration (MPA) And Maryland Environmental Service (MES), Baltimore, MD.** Continuing to provide MES and MPA with technical management assistance and engineering oversight of the 2006 Maryland Department of the Environment Consent Decree with Maryland Port Administration and Honeywell International, Inc. concerning chromium contamination at Dundalk Marine Terminal. Services have included reviews, analyses, consultations, recommendations, presentations, representation at meetings, and other related technical work on various Consent Decree requirements and responsibilities, including workplans, field activities, reports, and corrective measures studies.

**Miscellaneous Engineering Services, Maryland Port Administration, Baltimore, MD. Quality Assurance/Quality Control.** Provided oversight, review and management of planning, design and construction of various new facilities and improvements to existing facilities in the Port of Baltimore. Major projects included miscellaneous terminal demolition and redevelopment, transit shed renovations, terminal valuation studies, new wharf structure design, wharf inspection and capacity analyses, ship berthing and mooring analysis, environmental site assessments, alternative energy feasibility studies, cruise terminal modifications, accelerated site stabilization utilizing wick drains and surcharge embankment, high-mast lighting with remote monitoring and control, and improvements to auto processing facilities.

**Scheduling, Estimating, Constructability Reviews and Claims Analysis for all MPA Facilities, Baltimore, MD. Quality Assurance/Quality Control.** Provided oversight of services including the development of construction cost estimates, review of contractor baseline schedules and schedule updates, review of design consultant plans for constructability, and review of complex contractor construction claims.

**SERGIO QUEVEDO, PE, PTOE**

Senior Traffic Engineer

**Years of Experience:** 17**Education**BS, University of Florida, 2000  
MS, University of Florida, 2001**Registration**Registered Professional Engineer,  
Civil, FL 63084  
Professional Traffic Operations  
Engineer, FL**Relevant Capabilities**ADA Standards and Criteria  
MicroStation CADD, GuidSign  
Transyt-7F  
CORSIM  
SYNCHRO  
SimTraffic**Affiliations**Institute of Transportation  
Engineers  
Florida Section Institute of  
Transportation Engineers  
Tampa Bay Institute of  
Transportation Engineers  
Hillsborough County Community  
Traffic Safety Team

Mr. Quevedo has 17 years of experience in managing a staff of technical personnel performing traffic operational and safety studies, ADA assessments, signing and pavement marking design, signalization design, ITS design, and lighting design. His responsibilities have included coordination with clients, field reviews, plans and report preparation and quality assurance. His experience includes numerous traffic studies, covering signal warrants, intersection safety and operations, arterial safety and operations, four-way stop warrants, signal retiming, speed, delay, and fatal crash and high crash location reviews. He also has experience with signing and pavement marking, signalization, ITS and lighting design, as well as the development of plans using MicroStation CADD and GuidSign. Mr. Quevedo is well versed in current ADA standards and criteria; has completed ADA reviews on hundreds of projects including plans review and field assessments. Relevant project experience includes:

**Loxahatchee Rd. from Arthur Marshall Loxahatchee Refuge to SR 7/US-441, Broward County, FL. Senior Traffic Engineer.** The project involves reconstruction of Loxahatchee Road from Arthur Marshall Loxahatchee Refuge to SR 7/US 441 to accommodate 11 lanes, five-foot bike lanes in each direction, and sidewalk on the south side. Loxahatchee Road is an existing two-lane rural section that is 6.2 miles long. Project challenges include accommodating three round-a-bouts within limited right-of-way, maintaining traffic during construction, and coordination between the various stakeholders (FDOT, City of Parkland, Broward County, adjacent construction projects). Wetlands were delineated on Loxahatchee Road from Arthur Marshall Loxahatchee Refuge to SR 7/US-441.

**Miscellaneous General Civil Engineering Services, Hillsborough County, FL. Senior Traffic Engineer.** JMT's Miscellaneous General Civil Engineering Services contract with Hillsborough County is a 3-year, \$3 million agreement. JMT has been under similar contracts with Hillsborough County continuously for nearly 20 years. Task work orders are issued from various sections within the Hillsborough County Public Works Department. Recent assignments have included traffic operations design, drainage improvements, intersection design, construction inspection, and master planning for sidewalk and intersection improvement programs.

**Hillsborough County Miscellaneous Traffic Engineering Services, Hillsborough County. Senior Traffic Engineer.** JMT was selected to provide Hillsborough County traffic safety, studies, design, and operations for roads and streets under the Miscellaneous Traffic Engineering Services contract. Recent tasks we have performed throughout the County include signal warrant, crosswalk, and lighting studies and temporary traffic control plans.

**Sidewalk and Intersection Program Update and Prioritization, Hillsborough County General/Civil Engineering Services, Throughout Hillsborough County, FL. Project Manager.** This task includes providing a summary of past programs and providing a methodology for identifying and prioritizing future projects. JMT is developing the 10-year Project Delivery Plan for the Community Transportation Plan using this methodology to prioritize and program the approved projects for the next 10 years. In addition, JMT's Technology Group will develop a GIS based program for the County's use for prioritizing projects in the future.

**Districtwide Safety Study and Minor Design, Districtwide, FL, FDOT District 1. Project Manager.** JMT was selected to perform traffic safety studies in support of the District 1 HSIP program. This has included data collection, safety studies, lighting justification reports, and benefit-cost/net present value analyses to determine if a candidate project qualifies for HSIP funding.

**Districtwide Safety Studies and Minor Design, Districtwide, FL, FDOT District 7. Senior Traffic Engineer.** JMT is providing studies and design for traffic safety projects and operational



## SERGIO QUEVEDO, PE, PTOE

### Senior Traffic Engineer

improvements for roads and streets under this FDOT District 7 Safety Studies and Minor Design Services contract. Services JMT has performed under this contract include safety studies, road safety audits, before-after studies, bicycle and pedestrian safety action plans, and minor design services. Recent tasks performed throughout the District include: Engineering Support services; Severe Crash Location Reviews; Road Safety Audits and Safety Assessment Reports; Pasco Countywide Bicycle Safety Action Plan; Corridor Lighting Prioritization Safety Reviews and Studies; Pedestrian/Bicycle Engineering Safety Initiative; Construction Cost Estimates and Conceptual Plans; Mid-Block Crossing Studies; and Analyses for Additional Crossings at Signalized Intersections.

**General Engineering Consultant, Districtwide, FL, FDOT District 3. Interim District Safety Engineer and Traffic Safety Lead.** Provided traffic safety engineering services to the District. Mr. Quevedo's primary role included assisting in the development and programming of HSIP projects; developing conceptual designs, cost estimates and contract scope of service; and serving as Project Managers to efficiently deliver the work program.

**Districtwide Safety Study and Minor Design, FDOT District 1. Project Manager.** JMT was selected to perform traffic safety studies in support of the District 1 HSIP program. This has included data collection, safety studies, lighting justification reports, and benefit-cost/net present value analyses to determine if a candidate project qualifies for HSIP funding.

**Districtwide Traffic Operations Studies, FDOT District 1. Project Manager.** This project involved the development of more than 350 traffic studies and data collection activities throughout District 1 (Polk, Manatee, Sarasota, Charlotte, Lee, Collier, Hardee, Hendry, Highlands, DeSoto, Glades and Okeechobee Counties) that included numerous signal warrant studies, delay studies, speed studies, and turning movement counts. Responsibilities on this contract included project management, supervising data collection, coordination with FDOT project manager, field reviews, traffic analyses, and report preparation.

**Traffic Operations In-House Engineering Assistance, FDOT District 1. Traffic Engineer.** This task involved independently performing various traffic and safety studies throughout District 1 in response to citizen requests. These included, but were not limited to, left-turn studies, intersection analysis, collision analysis, and safety reviews. Duties also included responding to citizen complaints and attending public meetings on behalf of the FDOT District 1 Traffic Operations Department.

**SR 699 (Gulf Boulevard) from 100<sup>th</sup> Avenue to SR 688 (Walsingham Road), Pinellas County, FL, FDOT District 7. Engineer-of-Record.** The project included the design of the signing and pavement markings as part of the raised median islands that were installed within the existing two-way left turn lane for this pedestrian improvement project. The scope of work included construction of pedestrian mid-block crossing, the addition of a left-turn lane, milling and resurfacing and public involvement with a virtual public hearing compliant with state regulations.

**SR 574 from Highview Road to Parsons Avenue Widening, Seffner, FL FDOT District 7. Traffic Design Lead and Engineer-of-Record.** Traffic Engineering Lead and Signing and Pavement Marking Engineer-of-Record for the 0.9-mile reconstruction of a three-lane rural section into a five-lane urban section within a narrow commercial corridor. This design accommodated a multitude of underground utilities, access management points and provided three stormwater management ponds with a closed drainage system permitted through SWFWMD.

**I-275 (SR 93)/Kennedy Boulevard Off-Ramp (NB Exit Ramp to SR 60) Intersection Improvements, Tampa, FL, FDOT District 7. Traffic Design Lead and Engineer-of-Record.** The project included reconstructing the ramps utilizing concrete and asphalt pavement. Responsibilities on this project included project management, coordination with FDOT engineers, supervision of design staff, field reviews, the design of sign panels and placement of signs. Also, assistance in plans production, preparation of engineer's estimate and post-design services for the signing and pavement markings along this 0.8-mile interstate project that included combining the existing exit ramps to Kennedy Boulevard and SR 60 into a single dual-lane exit ramp and relocating the exit terminal west of the existing ramps.

**US 27 from North of Ritchie Road to Barry Road, Polk County, FL, FDOT District 1. Engineer-of-Record.** Responsible for the intersection lighting, signing and marking design and signalization design as part of the improvement of 3.4 miles of US 27 beginning just north of the I-4 interchange in Polk County, Florida. The improvements consist of widening the roadway from four lanes to a six-lane rural facility that meets the FHHS design criteria of 65 mph. Responsibilities include development of a lighting justification report and overseeing the production of design documents, tasking assignments to junior staff, quality control and project coordination.



# Jannek Cederberg, M.Sc., P.E.

Principal Engineer

**CUMMINS | CEDERBERG**  
Coastal & Marine Engineering



As Principal, Mr. Cederberg is responsible for all engineering production including scheduling, resource allocation, and quality management.

Mr. Cederberg is formally trained as a coastal and marine engineer from the Technical University of Denmark. He has more than fifteen years of experience in coastal and marine engineering.

He is a registered professional Engineer in the United States and he has completed engineering analyses, designs and permitting for a variety of shore protection, beach nourishment, river, cruise ship, marina and water front projects throughout Florida, the Caribbean and Central America.

## EDUCATION

- M.S. Coastal Engineering, Technical University of Denmark

## CERTIFICATIONS

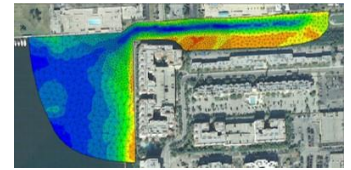
- Professional Engineer – Florida No. 69839

## PROFESSIONAL AFFILIATIONS

- Permanent International Association of Navigation Congress
- Member of PIANC Working group
- Design and Operational Guidelines for “Superyacht Facilities”
- Danish Society of Hydraulic Engineering

## SKILLS & EXPERTISE

- Waterfront Engineering and Planning
- Coastal Resiliency
- Numerical Modeling
- Environmental Permitting
- Coastal and Marine Structures
- Coastal Processes - Waves, Currents, Sediment Transport and Hurricanes



## RELEVANT EXPERIENCE

**MSC Ocean Cay Marine Reserve, Bimini Islands, The Bahamas.** Topographic and bathymetric surveying rectified aerial photography and mapping for proposed out-island cruise destination. Environmental resource surveys and preparation of Environmental Impact Assessment (EIA) for proposed land and marine works. Detailed coastal engineering analysis, including numerical modeling of hurricane impacts. Engineering design of beach improvements and shoreline stabilization of reshaped island perimeter. Processing of EIA through government regulatory agencies.

**Matheson Hammock Park Sea Level Rise Flood Mitigation Study, Coral Gables, FL.** Mr. Cederberg served as Senior Project Manager to prepare a Sea Level Rise Flood Mitigation Study to analyze the impacts of sea level rise on the park’s infrastructure and operations, as well as develop flood mitigation concepts for planning and budgeting. Compiled existing survey data within the Park and LiDAR data for the area to prepare a general topographic map for the Park; assessed the condition of existing infrastructure to understand conditions, remaining service life and adaption feasibility relative to sea level rise; performed an assessment of the environmental conditions on site to generally understand and document current conditions, as it would relate to environmental permitting; conducted an engineering analysis to provide extreme tide water levels; developed flood mitigation concepts and preliminary cost estimates; coordinated stakeholder involvement; developed an implementation strategy; and presented the results and findings into a report.

**Port Development Feasibility, Panama.** Conducted feasibility study for the development of a port facility, including the potential for cruise operations and ship repair facility. Evaluated coastal design criteria, including wind, waves, water levels and currents. Reviewed existing water depths, navigational requirements and potential dredging. Prepared conceptual layouts of proposed facilities, and cost estimates for construction and operational equipment.

**Great Stirrup Cay, Berry Islands, The Bahamas.** Site investigations, engineering analyses and master planning for cruise ship private island destination improvements to accommodate 5,400 passenger cruise ships. Evaluated coastal processes, potential cruise ship pier island infrastructure improvements, and beach design concepts.

**Carrs & Little Bay Port and Waterfront Development, Montserrat.** Cummins Cederberg served as marine advisor for the Government of Montserrat for \$100M+

## Jannek Cederberg, M.Sc., P.E.

Principal Engineer

CUMMINS | CEDERBERG  
Coastal & Marine Engineering

port and waterfront development. The development consists of cruise ship and cargo vessel berthing, 50+ slip marina, river stabilization, waterfront promenade and beaches. Participated and led marine engineering components of planning workshops to develop holistic master plan. Review tender documents and qualifications packages. Review of all technical analyses and designs. Assisted in navigation review and optimization through real time 360- degree simulation of cruise ships and cargo vessel. Provided recommendations to value engineer designs, reduce cost and increase efficiency.

**Port of Roatan Cruise Terminal, Roatan, Honduras.** Design of reclamation and shore protection for cruise terminal expansion. Numerical Modeling of hurricane, storm surge, and wave propagation.

**Sporting Club at Ambergris Cay, Ambergris Cay, Turks and Caicos.** Performed hydrographic and GPS control surveys for island planning and lot layouts. Provided engineering design of coastal works including entrance channel, dredging, marina and RO/RO platform for shipments to remote island.

**Crandon Park Marina, Key Biscayne, FL.** Field investigations including bathymetric surveying, tide and current measurements, marine resource survey, and sediment sampling. Tidal hydrodynamic modeling along with wave and sediment transport analyses conducted to determine source and magnitude of marina sedimentation problem. Alternatives assessment of potential coastal structures to inhibit sedimentation and need for periodic dredging.

**Costa Brava Marina, Miami Beach, FL.** Costa Brava Condominium Association. Environmental permitting for reconstruction of a 30-slip marina in Biscayne Bay through local, State, and Federal Agencies Such as Miami-Dade County Regulatory, Economical Resources Department, Florida, Department of Environmental Protection and US Army Corps of Engineers. Engineering support through construction bid process, including bid evaluation, contractor selection and construction administration.

**Sunset Harbour Yacht Club, Miami Beach, FL.** Sunset Harbour Yacht Club. The project included repairs of concrete slabs, caps and piles for 125-slip marina located in Biscayne Bay Aquatic Preserve, which has strict environmental guidelines. A marine resource assessment was conducted to assess potential impacts. Pre-application meetings were conducted with environmental agencies to understand primary concerns and potential impacts on schedule. Environmental permit applications were prepared and processed with DERM, FDEP, and USACE. Building permit was obtained with City of Miami Beach. Detailed repair drawings were prepared with specific criteria to minimize impacts to marine resources and water quality.

**Dade Boulevard Seawall Replacement, Miami, FL.** Marine engineering and construction drawings for 2,670 linear feet of seawall replacement with steel sheet pile and reinforced concrete cap. Structural design of barrier wall connection to cap, and utility crossover detail for FPL 69KV oil-filled transmission line. Pre-construction seawall inspection of opposite shoreline, and vibration monitoring during pile driving activity.

**Vertical Yacht Club at Marina Mile, Fort Lauderdale, FL.** Prepared design of bulkhead and docks for boats up to 70 feet for the redevelopment of the Vertical Yacht Club marina facility located on the New River in Fort Lauderdale. Prepared engineering studies and communicated with environmental agencies relative to project approval. Conducted a site-specific flushing analysis to assess potential impacts of dredging on water circulation and quality.

**Island Gardens Mega-Yacht Marina, Miami, FL.** Design and environmental permitting for 50-slip mega-yacht marina on Watson Island as part of \$600M site redevelopment. Engineering design of dredging, fixed piers, and wave attenuators for vessels up to 450' long.

**Town of Bay Harbor Islands Resiliency and Seawall Condition Assessment, Bay Harbor Islands, FL.** Shoreline assessment and island resiliency study for the entire Town of Bay Harbor Islands. Shoreline assessment included 20,000 ft. of shoreline, including seawalls, rock revetment, residential areas, bridges, and they causeway that connects the town to the mainland. LiDAR survey data was processed to provide 3D elevation map, and an analysis of the water levels to predict sea level rise, along with tidal data analysis.

**Vizcaya Museum & Gardens, Miami, FL.** Site plan for storm surge protection wall, environmental wetland restoration and public space. Grant application, regulatory permitting, and engineering design for marine works. Wall design for reinforced concrete able to withstand storm surge and high wave loads associated with tropical storm event.



**Daphne I. Gurri AIA, LEED® AP/PRINCIPAL**

*Role in Project: LEAD DESIGNER*

**SUMMARY OF EXPERIENCE**

As founding partner and President of the firm, Ms. Gurri is responsible for the general operations of the Firm and business development. Ms. Gurri has over 30 years total experience as an Architect and her governmental experience includes 28 years of continuous work in Government projects. Her experience covers governmental experience with the Federal, State and Local Gov't for a variety of projects including aviation/airports, educational, community centers, National Guard armory design, restaurants & multipurpose spaces, historic preservation, park design, ADA retrofits, site design, master planning, preparation of feasibility studies, & cost estimates.



**RELEVANT EXPERIENCE**

**Larcenia Bullard Plaza, Miami Dade County ISD, Richmond Heights, FL.**

*Role: Lead Designer.* New 14,000 SF two-story building with retail space, a take-out restaurant and a gallery space on 1st floor to showcase the history and art of the local Richmond Heights area. The 2nd floor has a community multi-purpose room and office space. The project scope includes the design of the entire site with 48 parking spaces. Project is LEED Silver. Construction Costs: \$6.2M

**Wynwood Community Resource Center, Miami Dade County ISD, Wynwood, Miami, FL**

*Role: Lead Designer.* New Facility with approximately 30,000 SF and site improvements including new parking, new paving and drainage, new site lighting, new landscaping etc. Building to house a multi-purpose meeting room with full kitchen and raised platform, storage space, mini-library with 3,000 SF, conference rooms, administrative offices, computer training lab, and an outdoor covered area. Project is registered with USGBC for LEED certification (Silver). Construction budget: \$10.5M.

**Historic Hampton House Adaptive Reuse, Miami Dade County ISD, Brownsville, FL**

*Role: Lead Designer.* Design, production, coordination and completion of construction documents for a 30,000 square feet historic building renovation project. The project included envelope hardening, redevelopment of the site completely with new utilities, new paving & drainage, site lighting and landscaping, restoration of historic spaces and total re-utilization of the existing facility in compliance with ADA accessibility standards to convert it from a 50-room motel into a Cultural Center. Construction Costs: \$6.8M.

**Coral Way Community Center Playground, City of Miami, Miami, FL**

*Role: Lead Designer.* Development of Design, CD's and CA for a new residential public park for the City of Miami located on 12th Avenue and 14th Street in the City of Miami. Design features included playground structures for children ranging in ages from 2 to 10, custom designed benches, artificial grass, site lighting, drainage, perimeter fence and landscaping. Construction Costs: \$1M.

**Bridges, Culverts & Water Restoration Project at Greynolds Park, Miami-Dade County Parks, Recreation, and Open Spaces Dept., North Miami Beach, FL**

*Role: Lead Designer.* Principal for the Renovation of two pedestrian footbridges, cleanout of seven culverts and restoration of the water flow in the rookery lake of this historic park. Construction Costs: \$755K

**Greynolds Park Renovations and Improvements, Miami-Dade County Parks, Recreation, and Open Spaces Department, North Miami Beach, FL**

*Role: Lead Designer.* Principal for the Renovation of a historic park with over 250 acres, including the beautification of Miami Gardens Drive, new entry features, new ticket booths, new ADA accessible pedestrian walkways, restoration of several historic structures throughout the park, new perimeter fence, civil engineering and landscape architecture throughout. Construction Costs: \$3.5M

**Ruth K. Broad Bay Harbor K-8 Center, Miami Dade County Public Schools**

*Role: Lead Designer.* The scope of work involves the complete schematic design of a three story building and project oversight through construction close out. The ground level of the building includes a sheltered basketball court with bleachers, and a scoreboard. The second and third floors are all classroom spaces. Construction Budget: \$6.8M.

**PROFESSIONAL REGISTRATIONS**

Registered Architect  
State of Florida (AR 0015179)  
Registered Interior Designer  
State of Florida (ID 0003825)  
State of Florida Real Estate  
Sales Associate (SL495425)

**PROFESSIONAL EXPERIENCE**

30 Years

**GOVERNMENTAL EXPERIENCE**

28 Years

**YEARS WITH GURRI MATUTE**

23 Years

**EDUCATION**

Masters of Science In Advanced  
Architectural Design  
Columbia University, 1992  
Bachelor of Architecture  
University of Miami, 1988  
Associate in Arts (Honors)  
Miami Dade College, 1987

**CERTIFICATIONS**

LEED®AP, United States  
Green Building Council (USGBC)  
Advanced Training in Section  
106 Review, Advisory Council on  
Historic Preservation, 2009  
SAP Evaluator, State of California  
Governor's Office of Emergency  
Service, 2009  
National Council of Architectural  
Registration Board,  
(NCARB #49113)

**PROFESSIONAL AFFILIATIONS**

American Institute of Architects  
(AIA) President Miami Chapter  
Society of American Military Engi-  
neers, South Florida Post  
(S.A.M.E.)  
United States Green Building Cou-  
cil (USGBC)  
Florida Airports Council, (FAC)

**ACADEMIC EXPERIENCE**

Adjunct Professor of Architectural  
Design, Florida International Uni-  
versity 1992-2000



**PROFESSIONAL REGISTRATIONS**

State of Florida Interior Design  
NCIDQ ID5606

**PROFESSIONAL EXPERIENCE**

14 Years

**HEALTHCARE EXPERIENCE**

8 Years

**YEARS WITH GURRI MATUTE**

1 Year

**EDUCATION**

Bachelors in Interior Design  
Florida International University

**PROFESSIONAL AFFILIATIONS**

United States Green Building  
Council  
IIDA

**AWARDS**

2003 established IIDA Campus  
center at Florida International  
University

2008 Fort Lauderdale City Center  
Director of the IIDA Florida Chapter

2013 IIDA BRAGG Award for the  
Best of Healthcare category

2014 Co-authored article for  
Medical Construction & Design  
magazine

2016 IIDA BRAGG Award for the  
Best of Healthcare category

**Marta McNab NCIDQ, LEED® AP/DIRECTOR OF INTERIOR DESIGN**

*Role in Project: Interior Designer*

**SUMMARY OF EXPERIENCE**

Marta brings over 14 years of design and project experience with a primary focus on Healthcare design. Marta not only gets involved in the interior design but is very involved in programming and space planning – meeting with users early on in the project to understand the needs and functions of the space. A LEED AP Design Professional, Marta selects finishes which contribute to LEED credits and suits the Owner’s budget constraints and maintenance/operations’ goals. Ms. McNab is also intimately familiar with the selection of art work, environmental graphics, way-finding, and furniture procurement and installation.



**RELEVANT EXPERIENCE**

**Miami International Airport- Airport Operations Center & Emergency Operations Center, Miami, FL**

*Role: Interior Designer.* The scope of the project is approximately 12,290 square feet, within the Miami International Airport (MIA) and houses the new joint Airport Operations Center (AOC) and Emergency Operations Center (EOC) for the purpose of improving the overall response time to situations and improving the communication between affected departments. The joint AOC/EOC facility will support the Miami International Airport’s day-to-day activities while providing steady oversight to Emergency Events with utility infrastructure to sustain 24/7 operations.

**Catholic Health Services- Call Center at Villa Maria, North Miami, FL**

*Role: Interior Designer.* The renovation of approximately 2,455sf of the existing Home Health team, a new shared conference/multipurpose room and new Call Center with open office plan and benching workstations.

**Catholic Health Services- Holy Cross Hospice Interior Renovation, Fort Lauderdale, FL**

*Role: Interior Designer.* The scope of the project is a finish upgrade which includes replacing the Nurse Station, fully renovating the staff toilet, replacing the cabinetry in the Nourishment Room, repurposing the existing Manager’s Office to accommodate 2 workstations and providing a new Manager’s Office. The project also includes finish upgrades throughout the entire unit. The project is approximately 3,850sf.

**Nicklaus Children’s Hospital Psych ED Addition and Renovation, Miami, FL**

*Role: Interior Designer.* The scope of the project is to assist Nicklaus Health System (NHS) in the design for the addition of a new Psychiatric Holding Unit within the existing Emergency Department. The project involves creating a new 2,800 SF secure holding and observation unit with six exam rooms, two secure exam rooms, Nurse’s Station, Consult Room, Medication Room. The project team met with the doctors, nursing staff and administration to review the needs for the department and the facility.

**Nicklaus Children’s Hospital Incident Command Center, Miami, FL**

*Role: Interior Designer.* The scope of the project is to assist Nicklaus Health System (NHS) in the design for the creation of an Incident Command Center and Hardening/Renovation of the Security & IT Departments. The project is approximately 4,100 SF and involves the demolishing and rerouting of existing corridors and the reconfiguration of the adjacent departments/offices and their support services.

**Martin Medical Center North Lab Renovation and Addition, Stuart, FL**

*Role: Interior Designer.* The scope of the project included the design for the addition of a new Lab and Bulk Storage Building and the ‘backfill’ of several spaces. The overall project is approximately 10,000 SF. The new Laboratory consists of new expanded hematology, coagulation, chemistry, and urine testing labs, and new blood bank. Expanded Histology, Cytology Labs were renovated and are located adjacent to the Lab. Common support areas like staff offices, conference room and lounge will also be new. Phasing has been carefully coordinated with laboratory staff and hospital administration to minimize the impact of construction.

**Catholic Health Services Nurse’s Station Renovation, Miami, FL**

*Role: Interior Designer.* Small interior renovation of about 600 square foot of an existing nurse’s station and waiting area to replace finishes and casework including new furniture and artwork. \$20K budget.

**CHRIS MILLER, RLA, ISA,  
IA, LEED AP, SITES AP,  
LIAF, FNGLA***Senior Landscape Architect***Education:**

BLA Studies / University of Florida

Vicenza, Italy / Institute of  
Architecture (European Study  
program) / University of Florida**Registrations/Certifications:**

RLA / FL / 6666970; ISA Certified  
Arborist; ISA Tree Risk Assessor;  
LIAF Certified Landscape  
Inspector; FNGLA Certified  
Horticultural Professional;  
FNGLA Certified Landscape  
Contractor; FDOT MOT Certified;  
FDEP Stormwater Certified; FDOT  
Illicit Discharge Training; UF/IFAS  
Palm Management; IA Certified  
Irrigation Contractor; IA Certified  
Irrigation Designer; LEED  
Accredited Professional; SITES  
Accredited Professional; GREEN  
Advantage Certified Practitioner;  
Florida Water Star Accredited  
Irrigation Professional; UF/IFAS  
Florida Master Naturalist; Native  
Areas Training Academy;  
Professional Affiliations; American  
Society of Landscape ; Architects  
International Society of  
Arboriculture; Landscape  
Inspectors Association of Florida;  
Florida Nursery Growers and  
Landscape Association; Florida  
Native Plant Society; Florida  
Urban Forestry Council;  
International Palm Society; The  
Irrigation Association; US Green  
Building Council

**Years Experience: 25****Years with KCI: 21**

Mr. Miller is a highly qualified landscape architect with a keen interest in the Green Industry. His broad range of experience includes all phases of the design process from site analysis, concept generation and project planning to landscape, irrigation and amenity designs. He also has experience in final implementation. He is known for his innovative design solutions and immaculate attention to design details, construction specifications, plan reviews and hands-on construction inspection. Combined with the ability to recognize and solve the complex requirements of project integration, Mr. Miller's expertise includes a thorough understanding of Florida's ecosystems and critical water conservation principles. These strengths are complimented by his skill in photography and effective presentations. His extensive array of project experience includes planning, design and construction inspection of commercial developments, parks, municipal centers, streetscapes, FDOT roadway beautification projects and more. Mr. Miller currently holds 15 Green Industry Certifications.

**Lyons Road, Coconut Creek, FL. Landscape Architect.** Hardscape, planting plan and irrigation design for three miles of main roadway compliant with City's master planning. Client/Contact: Coconut Creek/Scott Stoudenmire, Phone: (954) 973-6780, Email: SStoudenmire@coconutcreek.net.

**Beach Streetscape Las Olas Boulevard Phase, Fort Lauderdale, FL. Landscape Architect.** This 0.50-mile improvement consisted of roadway realignment, hardscape treatments, ADA upgrades, landscaping, decorative lighting, signage and improved stormwater drainage for a tourist destination known around the world. Provided streetscape, roadway, planting, custom tree grates, hardscape, irrigation, landscape, pedestrian and street lighting design, tree relocation plans, bidding assistance, and construction management. Client/Contact: City of Fort Lauderdale/Hal Barnes, P.E., Phone: (954) 828-5065.

**Hillsboro El Rio Park Phase II, Boca Raton, FL. Landscape Architect.** a 17-acre park developed on top of an abandoned landfill, including play features, sports courts, shade structures, passive recreation areas, and a non-motorized boat launch, landscape and irrigation designs and construction specifications. Client/Contact: City of Boca Raton/Michael Dyko, Phone: (561) 416-3413, Email: mdyko@myboca.us.

**SR-A1A Fort Lauderdale Beach, FL. Landscape Architect.** Following a roadway reconstruction project, developed landscape, hardscape and irrigation plans and 2-year landscape establishment monitoring, conforming to the City's master plan. Client/Contact: FDOT District 4/Brent Lee-Shue-Ling, Phone: (954) 777-4075, Email: Brent.Lee-Shue-Ling@dot.state.fl.us.

**Old Dixie Highway, Fort Lauderdale, FL. Landscape Architect.** A greenway bioswale project including room for bicycles and pedestrians, landscape and lighting plans and signage and custom sidewalk details to protect existing trees. Client/Contact: FDOT District 4/Brent Lee-Shue-Ling, Phone: (954) 777-4075, Email: Brent.Lee-Shue-Ling@dot.state.fl.us.

**Andrews Avenue, Pompano Beach, FL. Landscape Architect.** A roadway project over several miles with segments implemented over several years including permitting, hardscape layout, maintenance agreements, and planting & irrigation design and landscape CEI. Client/Contact: FDOT District 4/Anson Sonnett, P.E., Phone: (954) 777-4474, Email: William.Sonnett@dot.state.fl.us.

**Atlantic Boulevard, Pompano Beach, FL. Landscape Architect.** Corridor CRA project. 1-mile Corridor redevelopment enhancement project. Developed streetscape concepts through construction drawings including hardscapes, site amenities, planting and irrigation plans, details and specifications and provided construction inspection.

Client/Contact: City of Pompano Beach CRA/Horacio Danovich, Phone: (954) 786-7834, Email: Horacio.Danovich@copbfl.com.

**I-75 from Pines Blvd to Griffin Road and I-75 from Miramar Parkway to Pines Blvd, Broward County, FL. Landscape Architect.**

Developed planting designs utilizing native plants to enhance the aesthetic appearance of the interchange, irrigation design, and construction specification Client/Contact: FDOT District 4/Elisabeth Hassett, Phone (954) 777-4219, Email: elisabeth.hassett@dot.state.fl.us.

**A1A/Seabreeze Boulevard, Fort Lauderdale, FL. Landscape Architect.** Mr. Miller was responsible for the design for 0.4-miles of a new pedestrian-friendly roadway and sidewalk corridor along a boulevard parallel to Fort Lauderdale Beach including custom amenities, themed pavement treatments, landscape, and irrigation designs through details and construction documents. Client/Contact: City of Fort Lauderdale/Hal Barnes, P.E., Phone: (954) 828-5065.

**I-95 from Cypress Creek Road to Atlantic Boulevard, Broward County, FL. Landscape Architect.** Provided site analysis, concept development, planting design, irrigation design, utility coordination, and construction documents. Client/Contact: FDOT District 4/Elisabeth Hassett, Phone (954) 777-4219, Email: elisabeth.hassett@dot.state.fl.us.

**I-95/Broward Boulevard Interchange, Broward County, FL. Landscape Architect.** The 0.50-mile interchange serves as one of the gateways to downtown Fort Lauderdale. Services included concepts through production plans and construction observation. This beautification project included berming, limestone boulders, a native plant palette and irrigation. Client/Contact: FDOT District 4/Elisabeth Hassett, Phone (954) 777-4219, Email: elisabeth.hassett@dot.state.fl.us.

**Bird Road Tree Survey, Coral Gables, FL. Landscape Architect.** Made pruning and removal recommendations on this FDOT managed historic road in order to decrease tree risk and provide vehicular clearance over a 14 block segment from Red Road to LeJeune Road. Provided on-site oversight of pruning operations provided. Client/Contact: FDOT District 6/Kevin Schot, RLA, District Landscape Architect, Phone: (305) 470-5452, Email: Kevin.Schot@dot.state.fl.us.

**I-95 at Southern and I-95 at Belvedere, Palm Beach County, FL. Landscape Architect.** Mr. Miller performed landscape CEI and 2-year landscape monitoring of over 4000 trees and palms, an FDOT 'BOLD' vision project. Client/Contact: FDOT District 4/Jon Droge, Phone: (561) 370-1110, Email: Jon.Droge@dot.state.fl.us.

**El Rio Multiuse Trail, Boca Raton, FL. Landscape Architect.** Design of a green corridor in the middle of the urban fabric that integrates the user with natural features. Landscaping, irrigation and amenity design for 3 separate projects, over 2 miles of a multi-use trail. Client/Contact: City of Boca Raton/Joy Puerta, Phone: (561) 416-3410. Email: jpuerta@ci.boca-raton.fl.us

**Doral Boulevard (NW 41st Street), Doral, FL. Landscape Architect.** Site analysis, tree relocation plans, landscape and irrigation plans and specifications for the beautification of a commercial corridor. FDOT standards were applied on a County facility. Client/Contact: City of Doral/Jorge Gomez, Phone: (305) 593-6740, Email: Jorge.Gomez@CityofDoral.com.

**Cleveland Clinic, Weston, FL. Landscape Architect.** Mr. Miller performed tree disposition and irrigation design services for a major expansion of the Cleveland Clinic site. Design required a new overall master irrigation plan, integrated with the existing system and designed for future expansion. Coordinated among designers, architects, and construction engineers nation-wide. Client/Contact: Simon Beer, RLA, SBeer@ojb.com. Phone: (857) 233-7393.

**Miramar Town Center, Miramar, FL. Landscape Architect.** Provided landscape architecture services for this urban mixed-use development. The Miramar Town Center was designed as an idyllic traditional downtown with pedestrian oriented streets, beautiful Mediterranean style architecture, "main street" store fronts and waterfront views characteristic of historic towns of Florida. Site amenities included a plaza, fountain, site furniture, decorative pavers, planters, tree grates, and landscape lighting. Client/Contact: CKC Ltd. /Centex Rooney for the City of Miramar/Cotter Christian, Phone: (954) 452-9100.



## George SanJuan, P.E., LEED A.P.

President

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### *Experience*

George SanJuan created **Delta G Consulting Engineers Inc.** in 1992. Mr. SanJuan has led the growth of the firm to twenty one engineers and staff since October 1992.

George SanJuan is the founder of **Delta G Consulting Engineers**. He is an Electrical Professional Engineer with over twenty nine years experience as an electrical designer, project manager and Principal-in-charge. Some of the projects include:

### **Education:**

Bachelor of Science  
in Electrical  
Engineering, 1988  
from Florida Atlantic  
University,  
Associate of Arts in  
Business  
Administration from  
Florida Atlantic  
University, 1983

### **Registration:**

Professional  
Engineer Licenses  
held in 6 States

LEED Accredited  
Professional (2006)

### **Professional Affiliation:**

USGBC  
United States Green  
Building Council

### **Experience**

29 years

- **Dania Beach Library, City of Dania Beach, LEED Silver Certified**
- **Pompano Beach Transit Center Bus Canopy**, Pompano Beach, FL
- **Broward Performing Art**, Program and Building Expansion Studies, Fort Lauderdale, FL
- **Broward County Edgar Mills Multipurpose Center**, Design-Build Criteria Guidelines and Specifications; Broward County.
- **Weston City Hall** Weston, Fl
- **Sunrise Public Work**, Sunrise, FL
- Numerous **Police Stations** in Broward County, Florida
- Numerous **Fire Stations** In Broward County, Florida
- Over 40 **Elementary and High Schools**; Broward County, FL
- Numerous projects at **Barry University**
- **Lynn University**
- **FIU Wall of Wind**
- **Fort Lauderdale-Hollywood International Airport over 100 Projects**; Fort Lauderdale, FL

Mr. SanJuan is the Principal of the firm and spends most of his time assisting the project managers of our (4) fully staffed project teams and support personnel. His responsibilities also include QA/QC and specialty projects. Mr. SanJuan also works very closely with the client's project teams and is instrumental in the management and coordination of projects from the initial kick off meeting through to final C.O. and commissioning of projects.

**Mark A. Mesiano, P.E.**  
**Principal Engineer**



### Education:

B.S. Civil Engineering,  
University of South Florida,  
1990

### Professional Registration:

Professional Engineer, Florida  
Registration No. 48202

Professional Engineer,  
Colorado, Registration No.  
31593 (inactive)

### Technical Certifications:

- Florida DOT Pre-stressed Concrete Inspector
- Radiation Safety Officer and Instructor, PSI, Inc.
- Structural Masonry Inspector, FL Concrete & Products Association (expired)
- Nuclear Gauge Training and Safety, Earthworks Instrumentation, Inc.
- Concrete Field Testing Technician - Level I, American Concrete Institute (expired)
- Certified Engineering Technician - Level II Soil, Concrete, Asphalt Testing, National Institute for Certification in Engineering Technologies (NICET) (inactive)

Mr. Mesiano has over 25 years of experience in the construction industry. He has extensive experience in program management in all phases of construction. His expertise includes Quality Assurance/Quality Control Manager and Threshold Inspector services for airports, highways, sports stadiums/arenas, power plants.

### Select Projects:

- E470 Highway project in Colorado - Resident Project Manager\PE for all QC testing of Soils, Concrete & Asphalt for Segments I, II, and III (29 miles of 4 lane toll highway, with 30 bridge structures). Responsibilities included overall management for all field, laboratory, & administrative operations including managing field\laboratory technicians from a minority partner. Note: Project required a **fully equipped on-site laboratory** with Soils, Concrete & Asphalt testing capabilities (project utilized Superpave asphalt pavement mixes and an on-site laboratory equipped with gyratory compactor & nuclear ovens for asphalt content). The project won the following awards:
  - 1998 & 1999 National Asphalt Pavement Association – Quality in Construction Award for Segments II and III
  - 1998 Colorado Asphalt Pavement Association - Best in Colorado 120<sup>th</sup> Avenue to Parker Road (Segments I, II, and III)
  - 1999 American Concrete Pavement Association - Segments II and III Concrete Paving
- Tampa International Airport South Parking Garage - Project Manager for all materials testing for the new 6 level parking garage structure with 11 acre footprint, totaling approximately 66 acres of concrete parking deck. Responsible for supervising several resident full-time technicians and laboratory testing of soils and concrete.
- Tampa International Airport – Resident Inspector responsible for inspections and testing of Airside “F” Terminal Building, Airside “F” ATS, and Airside “F” Loading Bridge Caissons.
- Ft. Lauderdale Executive Airport: Taxiway "Alpha" Relocation – Project Manager for soil and concrete testing services.
- Miami International Airport Mover APM System – Concrete Testing Services.
- Palm Beach International Airport: Galaxy Hangar “H” – Project Engineer responsible for supervising resident building inspector and testing technicians.
- St. Lucie Airport Fire Station – Project Manager for soil & concrete testing.
- Jacksonville International Airport – Project Manager for soil & concrete testing (with onsite laboratory) at Taxiway Relocations for Concourse "C".
- Quality Control Manager: Experienced in revising and updating Quality Control Manuals and the set-up and accreditation of multiple laboratories for AASHTO\FDOT\USACOE\CMEC accreditations including initial and recertification inspections.



# LETTER OF INTENT

## BETWEEN BIDDER/OFFEROR AND COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

**Solicitation No.:** PNC2119212P1

**Project Title:** Consulting Services for Port Everglades

**Bidder/Offeror Name:** Johnson, Mirmiran & Thompson, Inc.

**Address:** 2400 East Commercial Boulevard **City:** Fort Lauderdale **State:** FL **Zip:** 33308

**Authorized Representative:** David Stickles **Phone:** 954-492-9921

**CBE Firm/Supplier Name:** Gurri Matute, PA

**Address:** 10 Fairway Drive, Suite 215 **City:** Deerfield Beach **State:** FL **Zip:** 33441

**Authorized Representative:** Daphne I. Gurri AIA, LEED AP **Phone:** 305 661 0069

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

### Work to be performed by CBE Firm

Description	NAICS <sup>1</sup>	CBE Contract Amount <sup>2</sup>	CBE Percentage of Total Project Value
Architecture and Interior Design Services	541310	\$ 0.00	8.50 %
			%
			%

**AFFIRMATION:** I hereby affirm that the information above is true and correct.

**CBE Firm/Supplier Authorized Representative**

**Signature:** **Title:** President/Owner **Date:** 09/05/2019

**Bidder/Offeror Authorized Representative**

**Signature:** **Title:** Vice President **Date:** 9/6/2019

<sup>1</sup> Visit [Census.gov](http://Census.gov) and select **NAICS** to search and identify the correct codes. Match type of work with NAICS code as closely as possible.

<sup>2</sup> To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

*In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.*

**Rev.: June 2018**

**Compliance Form No. 004**



**OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT  
Governmental Center Annex**

115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301  
954-357-6400 • FAX 954-357-5674 • TTY 954-357-5664

March 12, 2018

Ms. Daphne I. Gurri  
**GURRI MATUTE PA**  
10 Fairway Drive, Suite 215  
Deerfield Beach, Florida 33441

Dear Ms. Gurri:

The Broward County Office of Economic and Small Business Development (OESBD) is pleased to award your company certification as a **County Business Enterprise (CBE)**. Your firm is now eligible to participate in the Office of Economic and Small Business Development programs. Your firm, however, is not eligible for the **Small Business Enterprise (SBE)** designation because your annual revenues exceed the \$500,000 threshold for the Architecture/Engineering Services category.

Your CBE certification is continuous, but is contingent upon your firm verifying annually its eligibility in this certification program. Each year, on the anniversary of the date you were awarded certification, you must submit to OESBD a Personal Net Worth Worksheet, a copy of the previous year's Business Tax Return, copies of the current professional licenses, and County and local business tax receipts. As a courtesy, OESBD will notify you in advance of your obligation to provide the continuing eligibility documents. However, the responsibility to assure continued certification is yours.

To review current Broward County Government bid opportunities visit: [www.broward.org/Purchasing](http://www.broward.org/Purchasing) and click on "Current Solicitations and Results." Also, from this website, you can log into your firm's profile in BidSync to ensure you have added all appropriate classification codes. Bid opportunities over \$3,500 will be advertised to vendors via e-mail and according to classification codes, so please ensure that both the Purchasing Division and OESBD are apprised of your current e-mail address.

Your primary certification group is: **Architecture/Engineering Services**. This is also how your listing in our directory will read. You may access your firm's listing by visiting the Office of Economic and Small Business Development Directory, located on the internet at: [www.broward.org/EconDev](http://www.broward.org/EconDev) and click on "Certified Firm Directories."

Your firm may compete for, and perform work on Broward County projects in the following areas:

**NAICS CODE: 541310, 541340, 541350, 541410**

We look forward to working with you to achieve greater opportunities for your business through county procurement.

Sincerely,

Sandy-Michael McDonald, Director  
Office of Economic and Small Business Development

**Cert Agency: BC-CBE**  
**ANNIVERSARY DATE: March 12<sup>th</sup>**

Broward County Board of County Commissioners  
Mark D. Bogen • Beam Furr • Steve Geller • Dale V.C. Holness • Chip LaMarca • Nan H. Rich • Tim Ryan • Barbara Sharief • Michael Udine  
[www.broward.org](http://www.broward.org)



# LETTER OF INTENT BETWEEN BIDDER/OFFEROR AND COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2119212P1

Project Title: Consulting Services for Port Everglades

Bidder/Offeror Name: Johnson, Mirmiran & Thompson, Inc.

Address: 2400 East Commercial Boulevard City: Fort Lauderdale State: FL Zip: 33308

Authorized Representative: David Stickles Phone: 954-492-9921

CBE Firm/Supplier Name: Delta G Consulting Engineers

Address: 707 NE 3rd Avenue, Suite 200 City: Fort Lauderdale State: FL Zip: 33304

Authorized Representative: George SanJuan, P.E., LEED AP Phone: 954-527-1112

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

### Work to be performed by CBE Firm

Description	NAICS <sup>1</sup>	CBE Contract Amount <sup>2</sup>	CBE Percentage of Total Project Value
Mechanical, Electrical, Plumbing Engineering (Telecom & Data)	541330	\$ 0.00	8.50 %
			%
			%

**AFFIRMATION:** I hereby affirm that the information above is true and correct.

#### CBE Firm/Supplier Authorized Representative

Signature: George SanJuan, P.E. 46100 Digitally signed by George SanJuan, P.E. 46100 Date: 2019.09.05 11:34:28 -0400 Title: President Date: 09/05/2019

#### Bidder/Offeror Authorized Representative

Signature: [Signature] Title: Vice President Date: 9/6/2019

<sup>1</sup> Visit [Census.gov](http://Census.gov) and select [NAICS](#) to search and identify the correct codes. Match type of work with NAICS code as closely as possible.

<sup>2</sup> To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

*In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.*

Rev.: June 2018

Compliance Form No. 004



**OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT**  
**Governmental Center Annex**

115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301 • 954-357-6400 • FAX 954-357-5674

February 12, 2019

Mr. George San Juan  
**DELTA G CONSULTING ENGINEERS, INC.**  
707 N.E. 3<sup>rd</sup> Avenue, Suite 200  
Ft. Lauderdale, Florida 33304

Dear Mr. San Juan:

The Broward County Office of Economic and Small Business Development (OESBD) is pleased to announce that your firm's **County Business Enterprise (CBE)** certification has been renewed.

Your firm's certifications are continuing from your anniversary date but are contingent upon the firm verifying its eligibility annually through this office. You will be notified in advance of your obligation to continue eligibility in a timely fashion. However, the responsibility to ensure continued certification is yours. Failure to document your firm's continued eligibility for the CBE and SBE programs within **thirty (30) days** from your anniversary may result in the expiration of your firm's certifications. Should you continue to be interested in certification after it has expired, you will need to submit a new application, and all required supporting documentation for review.

To review current Broward County Government bid opportunities, visit: [www.broward.org/Purchasing](http://www.broward.org/Purchasing) and click on "Current Solicitations and Results." Also, from this website, you can log into your firm's profile in BidSync to ensure you have added all appropriate classification codes. Bid opportunities over \$3,500 will be advertised to vendors via e-mail and according to classification codes, so please ensure that both the Purchasing Division and OESBD are apprised of your current e-mail address.

Your primary certification group is: **Architecture and Engineering Services**. This is also how your listing in our directory will read. You may access your firm's listing by visiting the Office of Economic and Small Business Development Directory, located on the internet at: [www.broward.org/EconDev](http://www.broward.org/EconDev) and click on "Certified Firm Directories."

Your firm may compete for, and perform work on Broward County projects in the following area:

**NAICS CODE: 541330**

We look forward to working with you to achieve greater opportunities for your business through county procurement.

Sincerely,

A handwritten signature in blue ink, appearing to read "Sandy-Michael McDonald", with a large, stylized flourish at the end.

Sandy-Michael McDonald, Director  
Office of Economic and Small Business Development

**Cert Agency: BC-CBE SBE**  
**ANNIVERSARY DATE: February 15th**



## LETTER OF INTENT BETWEEN BIDDER/OFFEROR AND COUNTY BUSINESS ENTERPRISE (CBE) FIRM/SUPPLIER

This form is to be completed and signed for each CBE firm. If the PRIME is a CBE firm, please indicate the percentage performing with your own forces.

Solicitation No.: PNC2119212P1

Project Title: Consulting Services for Port Everglades

Bidder/Offeror Name: Johnson, Mirmiran & Thompson, Inc.

Address: 2400 East Commercial Boulevard City: Fort Lauderdale State: FL Zip: 33308

Authorized Representative: David Stickles Phone: 954-492-9921

CBE Firm/Supplier Name: Florida Engineering & Testing, Inc.

Address: 250 SW 13th Avenue City: Pompano Beach State: FL Zip: 33069

Authorized Representative: Christine Cheng, Senior Vice President Phone: 954-781-6889

- A. This is a letter of intent between the bidder/offeror on this project and a CBE firm for the CBE to perform work on this project.
- B. By signing below, the bidder/offeror is committing to utilize the above-named CBE to perform the work described below.
- C. By signing below, the above-named CBE is committing to perform the work described below.
- D. By signing below, the bidder/offeror and CBE affirm that if the CBE subcontracts any of the work described below, it may only subcontract that work to another CBE.

### Work to be performed by CBE Firm

Description	NAICS <sup>1</sup>	CBE Contract Amount <sup>2</sup>	CBE Percentage of Total Project Value
Geotechnical Engineering & Materials Testing	541330	\$ 0.00	8.50 %
			%
			%

**AFFIRMATION:** I hereby affirm that the information above is true and correct.

**CBE Firm/Supplier Authorized Representative**

Signature:  Title: SVP Date: 9/5/19

**Bidder/Offeror Authorized Representative**

Signature:  Title: Project Manager | Vice President Date: 9/6/2019

<sup>1</sup> Visit [Census.gov](http://Census.gov) and select **NAICS** to search and identify the correct codes. Match type of work with NAICS code as closely as possible.  
<sup>2</sup> To be provided only when the solicitation requires that bidder/offeror include a dollar amount in its bid/offer.

*In the event the bidder/offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.*



**OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT  
Governmental Center Annex**

115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301  
954-357-6400 • FAX 954-357-5674 • TTY 954-357-5664

November 7, 2018

Ms. Christine Chang  
**FLORIDA ENGINEERING & TESTING, INC.**  
250 SW 13<sup>th</sup> Avenue  
Pompano Beach, Florida 33069

Dear Ms. Chang:

The Broward County Office of Economic and Small Business Development (OESBD) is pleased to announce that your firm's **County Business Enterprise (CBE)** certification has been renewed.

Your firm's certification is continuing from your anniversary date but is contingent upon the firm verifying its eligibility annually through this office. You will be notified in advance of your obligation to continue eligibility in a timely fashion. However, the responsibility to assure continued certification is yours. Failure to document your firm's continued eligibility for the CBE program within **thirty (30) days** from your anniversary may result in the expiration of your firm's certification. Should you continue to be interested in certification after it has expired, you will need to submit a new application and all required supporting documentation for review.

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Your primary certification group is: **Architecture and Engineering Services**. This is also how your listing in our directory will read. You may access your firm's listing by visiting the Office of Economic and Small Business Development Directory, located on the internet at: [www.broward.org/EconDev](http://www.broward.org/EconDev) and click on "Certified Firm Directories."

Your firm may compete for, and perform work on Broward County projects in the following areas:

**NAICS CODE:** 541330, 541380

We look forward to working with you to achieve greater opportunities for your business through county procurement.

Sincerely,

Sandy-Michael McDonald, Director  
Office of Economic and Small Business Development

**Cert Agency: BC-CBE**  
**ANNIVERSARY DATE: NOVEMBER 15<sup>th</sup>**

# EVALUATION CRITERIA

## 2. Project Approach



## 2. Project Approach



JMT has over 45 years of experience managing contracts with multiple subconsultants and tasks. Our subconsultants for this contract were selected to complement and supplement the services that JMT offers based on their special expertise and work experience with Broward County and Port Everglades.

David Stickles, PSM, has full management authority to determine how the JMT Team will accomplish the required services. Mr. Stickles has a wide array of resources available, including technical expertise of designated JMT Key Staff, JMT support staff, and the staff of our subconsultants. Mr. Stickles will consider factors such as previous experience, local knowledge, current workload, and technical expertise when allocating work. He will assign subconsultants with specific work plan items.

JMT is fully committed to meeting or exceeding the **25% overall CBE** goal established for this contract. JMT's excellent team of subconsultants are experienced and are ready to address the technical challenges that may arise. JMT and our subconsultants have ample staff available for this contract and can begin design services immediately on simultaneous task assignments. JMT has more than 50 local technical staff plus an additional 50 local subconsultant staff within 30 miles, which allows us to respond quickly to any assignment with experienced engineers, planners, architects, and support staff. The JMT team can also pull staff from any of JMT's 38 regional offices or specialized subconsultants for an additional 1,600 highly qualified technical individuals available to perform any type or number of assignments. JMT has consistently demonstrated our capacity to complete projects on-time and within budget. **Our in-house staff can perform every discipline mentioned in the RFP, giving us redundancy in covering the full scope of services anticipated under this contract. This gives our team a significant advantage in handling multiple tasks, accelerated schedules, tight budgets and proper quality assurance reviews.**

Our subconsultants will be utilized as follows:

- **Cummins & Cederberg** will provide dredging-related design, analysis, marine and structural engineering.
- **KCI Technologies, Inc.** will provide landscape architecture services.
- **Gurri Matute, PA** will provide architectural and interior design services.
- **Delta G Consulting Engineers, Inc.** will provide mechanical, electrical and plumbing engineering services as well as fire protection and telecommunication services.
- **Florida Engineering & Testing** will provide geotechnical engineering and materials testing services.

We are confident that the JMT Team can handle any type, size, or quantity of assignments.

Our Technical Approach is to perform all required services as an extension of the Broward County Seaport Engineering and Facilities Maintenance Division and to coordinate our work with the work of their engineering staff and other consultants.

### Planning Studies for New Port-Related Facilities

JMT will provide technical guidance for decision makers to evaluate the need, costs, risk, and opportunities associated with a new or modernized port facility. Every planning project will start with the JMT Team obtaining available data, surveys, record plans, property records, reports, utility plans, and CADD files. We will collect information through staff interviews, research of documentation archives, site visits, and field surveys of conditions at an existing facility or proposed site. Data collected may include throughput projections, operation modes, traffic patterns, and functional and operational requirements for buildings. We will establish design criteria based on the facility's operational needs and desired design life. Planning studies are generally divided into four phases:

- **Phase 1 - Identify Facility Need** | Goals and objectives must be understood and evaluated against critical metrics (e.g., projected throughput or dwell times). A specific need must be identified, and the benefits of investment established. We possess the specialized knowledge to define current and future needs by analyzing industry trends and forecasts. The need may be to increase capacity, handle a new cargo type, or to replace a functionally obsolete facility.
- **Phase 2 - Identify Facility Limitations** | We will evaluate existing facilities for their suitability. Improvements may require land to be acquired or existing property to be modified to provide convenient and efficient transportation access. Improvements to existing infrastructure and their associated costs will be considered. The impact on existing port operations will be analyzed. Site constraints will be determined, including environmental impacts from construction operations; tidal and non-tidal wetlands; predicted sea-level rise and storm impact; adequacy of utilities, e.g., water, sanitary, and power; and unsuitable soil conditions such as soft or contaminated soils.
- **Phase 3 - Conceptual Design** | We develop conceptual designs that evaluate alternatives with associated probable construction costs and life-cycle assessments related to operations and maintenance. Our team will provide computer simulations, conceptual renderings, and mathematical models as planning tools, when appropriate.

We have specific expertise in the effective utilization of analytical tools to evaluate alternatives, such as:

[Traffic and Access](#) | Provide microscopic, macroscopic, and if appropriate, mesoscopic traffic modeling to qualitatively and quantitatively analyze access to and from any terminal or facility.

[Entry and Exit](#) | Determine the number of lanes and queuing requirements considering vehicle arrival/departure patterns, volumes, gate transaction times, and gate geometry.

[Terminal Layout and Performance](#) | Evaluate options against defined criteria and refine conceptual plans including terminal layout, operating loads, traffic patterns, storage, throughput, peak traffic volumes, equipment performance, and operating rules.

[Throughput and Inventory Analysis](#) | Evaluate operations and determine the amount of storage required and how it will be allocated to various types of cargo. Calculate the variation in terminal inventory as a function of ship, truck, and rail operating patterns. Inputs can include predicted arrival/departure patterns, cycle times, expected dwell times, and cargo handling and storage modes.

- **Phase 4 - Planning Report** | We will prepare and present a comprehensive report summarizing the planning work and findings. The report will include cost estimates, engineering recommendations, drawings, and exhibits so the MDOT MPA can make an appropriate business case and engineering decisions.

### Investigative Evaluations of New and Existing Facilities for Modernizing, Rehabilitating, or Increasing Terminal Capacity

Investigative studies will be performed, to include:

[Field Investigations](#) | Field investigations may entail above or below water structural inspections (Level I, II, or III), inspection of paving including Falling Weight Deflectometer, condition mapping, building assessments, traffic patterns, hydrographic or

photogrammetric surveying, materials testing, geotechnical exploration, or environmental studies. Data needed for design will be collected prior to leaving the site, including photographs of existing conditions. We have in-house Health and Safety Plans for performing soil borings and subsurface utility locating.

**Geotechnical Evaluations** | Given the location and condition of the Port's facilities, sampling and testing of in-situ soils is generally necessary. We have extensive experience working in and around chromium waste (COPR) and have addressed the health and safety issues of COPR and other hazardous materials, e.g., asbestos, arsenic, and hydrocarbons on Port project sites. New and existing geotechnical evaluations will provide the basis for earthwork, pavement design, and structural foundation design.

**Environmental Site (ESA) and Building Hazard Assessments** | Many sites have industrial history and may require Phase 1 and Phase 2 ESAs, Buildings to be demolished or renovated will be checked for asbestos, lead paint, PCBs, PAHs, and other hazardous materials that require special consideration during demolition or renovations. JMT can provide and has previously provided these services on port related facilities.

**Investigation Reports** | We will prepare comprehensive reports that summarize our investigation findings. The report will include cost estimates, engineering recommendations and alternatives, drawings, and exhibits.

**Collection of Background Data and Analysis** | Data collection may include surveying and mapping, researching utility company or County record plans, electrical testing to assess circuits and loads, inspecting panel boxes to assess breaker capacity, identifying power sources and circuits, and assessing compliance with National Electric Code requirements. Security systems and lighting will be evaluated to determine if upgrades are required to meet increasing security and safety standards. Existing mechanical systems, HVAC, plumbing, and fire protection equipment will be inspected and evaluated for energy efficiency, reliability, life safety, and temperature/comfort performance. Our team has a large inventory of testing equipment, so we can measure the actual performance of various systems.

### **Designs for New Port-Related Facilities, Expansion of Existing Facilities, and Maintenance of Existing Facilities**

**Conceptual Engineering Studies** | Our plans will clearly define problem areas, identify conceptual solutions or mitigation measures necessary, resolve operational issues, and provide a sound basis for approvals and subsequent preliminary and final design. Schematic designs and spatial studies will be submitted for projects which require new buildings or building modifications. Cost estimates will be prepared using our vast experience at other port facilities as well as knowledge of the local bidding conditions within the Ft. Lauderdale metropolitan area. Schedule-critical items such as complex permits will be identified.

**Operations** | Consult with Operations to ensure Port operations are coordinated and minimally affected by and during construction.

**Preliminary Engineering** | Upon approval of the conceptual engineering plans, the JMT Team will proceed with design to the 35% completion level. All significant issues and features of the site will be identified, and initial resolution achieved. The 35% submittal will allow Broward County Seaport Engineering and Facilities Maintenance Division to understand the interaction of the proposed design with existing Port facilities and will consist of site and building layouts, preliminary details, sections, notes, and a specification outline. Broward County Seaport Engineering and Facilities Maintenance Division will review the submittal and provide comments. Construction cost estimates and schedules will be refined using the greater detail available from this phase. A value engineering study will be conducted, if required, to evaluate alternatives, using experienced staff that are not currently assigned to the project to provide an independent and objective evaluation. QA/QC of the design will be conducted prior to each submittal.

**Design Coordination** | JMT will proceed with preliminary architectural, structural, mechanical, and electrical plans concurrently with civil/site engineering. Required actions by others (utility companies, public agencies, permitting agencies, etc.) will be identified and a completion schedule prepared.

**Pre-Final Engineering** | Upon approval of all 35% plans, our team will provide detailed architectural and engineering services to advance the project to the 85% completion level. All elements of design will be essentially complete, including the cost estimate, all sections of the technical drawings and specifications, quantities and unit price schedule, and a refined construction schedule.

An internal review will be performed to ensure that the project is constructible and there are no errors, omissions, or ambiguities between the plans, specs, and bid items. The constructability review team will be an independent team of construction-experienced professionals to better ensure that we address potential construction challenges within the documents. This team will also evaluate

the factors related to constructability within the cost estimate, such as active port operations, unique site conditions with rail and crane interferences, port security requirements, restricted work hours, and limited availability of specialty contractors with port experience. We will attend a review conference to discuss and coordinate revisions to address any review comments. Coordination of permit approvals and agency/utility agreements will be completed to the extent possible during this period.

**Final Design** | Upon approval of 85% plans, we will incorporate all review comments from the Broward County Seaport Engineering and Facilities Maintenance Division and other agencies and advance the project to 99% completion. A final QA/QC review will be performed. Upon receipt of 99% review comments, final contract documents will be completed and again submitted for review and acceptance.

**Design Coordination** | We will work with the Engineering staff to ensure that all permits are coordinated and approved by the appropriate agencies.

**Public Involvement** | During various stages of project development, we will assist the Broward County Seaport Engineering and Facilities Maintenance Division in Public Involvement Programs, including public, community, and agency meetings. We have public involvement professionals on staff and will prepare websites, displays, brochures, slides, artist renderings, computer-generated imaging of proposed improvements, and visual aids to illustrate the design features, functions, and purpose of the project.

#### **Preparation of Claims Analysis**

A complete claims analysis assignment requires experienced and professional services ranging from the initial claim evaluation to assisting counsel with case preparation. We have performed numerous claims analyses for port related clients and others for many years and have developed a proven effective methodology that consists of a five-phase process: Initiation, Claims Research and Compilation, Claims Evaluation and Resolution, Claims Recommendation Report and Presentation Meeting, and Litigation Preparation and Testimony.

#### **Post-Award Construction Phase Services**

The JMT Team will provide post-award services in close coordination with the County's engineering design project manager and construction field staff. JMT will work closely with field inspection personnel to assist with contract document interpretation, addressing RFIs, and other inquiries.

**Submittal Reviews** | We will expedite responses to Contractor RFIs and provide timely reviews of all shop drawings, catalog cuts, and other required contractor submittals.

**Progress Meetings** | Attend and participate in pre-construction, progress, and other meetings.

**Site Visits/Inspection** | Timely and responsive site visits to investigate construction issues which require design involvement or to verify the work conforms with the design intent and contract documents.

**Final Inspection** | Attend inspection and prepare a punch list for the County's field engineering staff.

**Revisions During Construction** | Revisions to the contract documents (red-line revisions, specification revisions, change notices, and CCRs). Revisions may require schedule and estimating support. Review contractor change order proposals.

**As-Builts** | As-built drawings depict any changes made during construction that were not previously incorporated into the construction drawings by an issued design revision. As-built drawings will be produced based upon contractor marked-up prints, drawings, and other data furnished by others. We will provide Microstation® CADD files of as-built drawings. When required, our team will provide an as-built certification for constructed SWM facilities as needed.

#### **Research Data and Attend Public and Private Meetings as Required**

The JMT Team will research data and attend meetings as requested. Our technical staff and Community Planning/Outreach specialist will be available for all public meetings.

### **Comprehensive Planning Reports, Charts, and Technical Data**

Reports, charts, and technical data will be prepared by technically skilled professionals in the relevant discipline and verified for accuracy and appearance by key staff. We produce deliverables on appropriate media with professional-quality graphics and text.

### **Expert Witness Testimony**

JMT has provided expert witness testimony on numerous projects for MDOT and others. We have recognized experts in all major A&E disciplines. Our experts will work at the direction of the MDOT MPA Director of Engineering and/or the designated State of Maryland, Assistant Attorney General. Our experts have been called to testify before the Maryland State Board of Contract Appeals and by the Maryland Attorney General Office, Contract Litigation Division for case preparation. Our expert testimony services for the MDOT MPA may include documentation review, interviews of personnel, site investigations, analyses, preparation of reports with findings, written expert opinion, and sworn testimony at depositions and trial.

### **Obtain Necessary Data by Review of Available Data Documents, Survey of the Facilities, and Research as Required**

Every task begins with finding and reviewing all available information to compile the data essential to a project. JMT staff know where and how to find available information in the most efficient and cost-effective manner possible. This effort typically starts with research of the MDOT MPA's documents and plans archives, followed by searching other available sources, and then by field survey, inspection, subsurface investigations, and testing as required.

### **Consultant Services**

JMT will provide each of the A&E and other technical support services during planning and design as follows:

#### **Architectural**

We will develop an architectural program that addresses considerations such as form, function, budget, and phasing. Modular concepts will be employed to standardize facilities and reduce cost where appropriate. Architectural work will be performed collaboratively with the structural, mechanical, and electrical work to provide a feasible, coordinated, functional, and cost-effective product.

Major aspects of architectural design are:

- Determine project users and needs
- Space and circulation planning studies
- Code review and life safety assessment
- Develop alternative concepts
- Develop lighting schemes
- Assess Sustainable/LEED design feasibility
- Project phasing studies for retrofit projects
- Provide color renderings, perspectives, and photo montages to convey concepts and designs
- Cost estimates and identify long lead items
- Construction documents development

All work will be performed using local and International Building Code and the latest guidelines for accessibility to buildings under the Americans with Disabilities Act.

#### **Structural**

The JMT Team will determine necessary facility modifications, alterations, improvements, repairs, or rehabilitation required of existing structures and the load capacity requirements for marine and building structures. Analysis and design of structural elements will consider constructability, durability, functional adequacy, serviceability, and cost effectiveness. Analyses typically include the following:

- Review of existing data and studies
- Field and underwater inspections of facilities
- Non-destructive and forensic testing as needed to supplement field inspections
- Corrosion potential for submerged components
- Design and ratings of structures based on IBC Codes and local codes for buildings, PIANC standards for mooring and berthing loads, USACE CEM for wave and shoreline hydrodynamic loadings
- Preparation of reports addressing inspection, rating, and recommendations for present and future repairs with cost estimates

Structural analysis and design tasks are worked interactively with both software and manual computations using published design guidelines and standards from ACI, ASCE, NAVFAC, AISC, AWS, AISI, PIANC, and NDS, which follow Limit State Design (LSD), also known as Load and Resistance Factor Design (LRFD). We have experience with the structural systems for various ports, including bulkheads, piers, wharfs, mooring and breasting dolphins, crane rail systems, quay walls, bulkheads, revetments, roof structures, retaining walls, drainage structures, utility and lighting supports, loading platforms, canopies, utility tunnels, bridges, and buildings. Where new structural systems are required, alternate types of construction, e.g. pre-cast concrete vs. cast-in-place concrete, concrete vs. steel, plastic vs. composites, etc. will be investigated. Structural tasks may include inspection, rating, and preparation of repair plans for marine structures, bridges, buildings, and special structures.

## **Mechanical**

**Field Surveys** | Field surveys include verification of ductwork, indoor air quality, sprinkler systems, piping systems, mechanical equipment condition, and structural and architectural interferences.

**Design Criteria** | JMT will determine requirements associated with International Building Code (IBC) with corresponding Mechanical Code, Energy Conservation Code, National Standards Plumbing Code and NEC. Applicable specialty codes may include the State of Maryland Boiler Code; NFPA 30 (Flammable Liquids); NFPA 30A (Maintenance Garages); NFPA 54 (Fuel Gas); NFPA 13 (Sprinkler Systems); NFPA 90A/90B; NFPA 101 (Life Safety); NFPA 307 (Marine Terminal and Piers); ASHRAE (Fundamentals, 62, 90.1). Applicable local, state, and federal codes, regulations, and laws.

**Energy Reduction** | JMT can provide energy audits and with our extensive ESCO experience, validate reductions in energy consumption and costs.

**HVAC Design** | Design of air handling units, heating and ventilating units, terminal heating and cooling devices, chillers, boilers, piping, air devices, ductwork, and other miscellaneous systems, including heating and cooling load calculations and systems utilization computer modeling programs.

**Building Automation and Energy Management** | Design of DDC systems utilizing BACnet, including field sensors and instruments, control stations, system logic, field integration, and commissioning requirements.

**LEED** | LEED-accredited mechanical engineers will provide energy-efficient design, including renewable energy systems when practical.

**Plumbing Design** | Domestic and industrial systems including toilet facilities, water supply, oil/water separation, fuel storage tanks, underground utilities including water, sewer, and roof drainage.

**Fire Suppression Design** | NFPA-compliant fire suppression systems, clean agent suppression systems for data rooms, and other specialized fire suppression systems.

## **Electrical**

**Field Surveys** | Verification of panel boards, transformers, switch gear, conduit paths, code violations, name plate data, and utilities.

**Design Criteria** | Evaluation of programmatic requirements and analysis to determine applicable requirements associated with National Electrical Codes, IBC, IES, NFPA, as well as local, state, and Federal codes, regulations, and laws.

**Inspection and Testing Services** | Our electrical engineers, inspectors, commissioning agents and testing personnel can provide testing and inspection.

**Electrical Power and Distribution** | Analysis and design of medium (<60,000v) and low (<1,000v) power distribution, including switchgear and switchboards, sectionalized switches, transformers, motor control centers, underground manholes, duct banks, and power feeders. Calculations performed using software for Transformer Sizing, Load Flow, Voltage Drop, ArcFlash, Short Circuit, and Coordination studies.

[Lighting and Lighting Controls](#) | Field investigation of lighting levels, calculations, point-to-point modeling and design of high mast lighting, security lighting, and indoor/exterior lighting.

[Fueling Systems](#) | Electrically classified power for fuel transfer pumping and monitoring systems.

[Power Quality/Quantity Studies](#) | Power quality and quantity measurements using RPM meters that produce concise output reports. Compare output with IEEE standards for matching sensitive electronic loads with the expected environment.

[Emergency and UPS Power Systems](#) | Generator and automatic transfer switches to provide emergency/standby systems. UPS systems are used for small or point of use application.

[Fire Protection Signaling and Separation Systems](#) | Evaluation and design of fire detection and alarm systems including integration with HVAC systems.

[LEED](#) | All design services will incorporate light pollution reduction and lighting control systems to obtain LEED credits.

[Solar Retrofits](#) | We have provided payback analysis for the MDOT MPA on rooftop solar retrofits and we have photovoltaic system design experience.

[Communications and Security Systems](#) | Security and access control will be addressed with CCTV, CATV, telecommunications, card access control, motion detection, remote monitoring, public address, and other systems to provide effective Port security.

[Lightning Protection System](#) | Design for lightning protection system in compliance with NFPA 780. Components of lightning protection system include air terminals, ground rods, and conductor cables.

## **LEED**

JMT is an advocate of the principles of sustainable design, which feature earth-friendly techniques involving sustainable site selection/development, water efficiency, energy performance, material selection, indoor air quality, and waste recovery. JMT is a member of the U.S. Green Building Council and maintains a prime focus on environmental responsiveness through the efforts of our experienced facility specialists, including more than 45 LEED accredited professionals and 9 LEED green professionals in a wide variety of disciplines of design, including architecture, civil, structural, mechanical, electrical engineering, environmental and water resources, and construction, who work toward implementing sustainable features into our projects.

## **Civil**

Services related to site engineering, roadways and pavement, railroads, grading, stormwater management, drainage, and utilities include:

[Topographic and Hydrographic Surveys](#) | JMT has provided extensive mapping and SUE services for many port facilities using the latest technologies, including LiDAR terrain mapping. We have extensive information on file from property surveys to comprehensive utility location and record plan data. All work will be done in conformance with Broward County requirements. We will provide all necessary land and hydrographic surveying, mapping and plats, GPS surveys, precision control monumentation, and subsurface utility designating and locating; and we can provide real estate acquisition services as well.

[Geotechnical](#) | Where structures are required, a geotechnical investigation will include soil borings at the proposed location to determine foundation requirements. Other studies will include subgrade modulus and CBR values for pavement design, soil borings to determine suitability and parameters of site materials for construction, as well as borings and testing for SWM infiltration potential and water quality. Field sampling work will be done in accordance with an approved Health and Safety Plan.

[Grading and Earthwork](#) | JMT will address poor soil conditions with geotechnical recommendations. Earthwork computations will be performed using CADD-generated terrain models and Bentley GEOPAK. Earthwork volumes will be cross-checked using cross-sectional volumetric calculations.

**Pavement Design** | Cost-effective pavement design is critical for cargo facilities. Pavement design for heavy loading areas including container terminals and intermodal rail facilities will be performed using state-of-the-art concrete, asphalt, roller-compacted concrete with AC wearing surface, and concrete block pavement design methods for ports. For roadways and parking areas for conventional vehicles, current County design criteria will be used. We are experts in using state-of-the-art layered elastic and finite element design techniques for advanced port pavement design.

**Stormwater Management** | Stormwater analysis and design will be performed in accordance with the applicable rules of Broward County, Hollywood, Fort Lauderdale, Dania Beach and the South Florida Water Management District. JMT's stormwater personnel are experienced and licensed professionals, all highly qualified and each well-respected for their unique talents. JMT's key personnel stay well-informed of the standards and trends in our professions; we are actively engaged with local engineering and environmental issues. Our team's distinctly unique abilities and technical expertise coupled with our wide-ranging experiences enable us to develop a well-defined management approach to task order assignments and contracts. JMT will work closely with Port Everglades staff on all Stormwater Management issues.

**Erosion and Sediment Control** | Concept, site development, and final erosion and sediment plans will address the treatment of runoff from any disturbed area. All computations, design, and reports will comply with local, state and federal requirements.

**Utilities** | Avoiding or minimizing impacts to existing utilities is always a critical issue. For new utilities, design could include water and sewer facilities which may require coordination with the County. Early coordination with utilities will be important to address conflicts, relocations, or new services. Trenchless installation methods will be considered as a utility construction method.

**Utility Designation and Test Pitting** | Capabilities for SUE utility locating include vacuum excavation test pits and all equipment and personnel to effectively locate underground utilities. Initial work includes data collection of all utility record plans and seeking existing staff knowledge on the extensive utilities that have been installed and abandoned over the life of the Port's facilities. Designated staff will use state-of-the-art geophysical prospecting techniques to locate and survey the horizontal location of subsurface utilities. When the exact vertical location is required, we perform "air vacuum excavation" test pitting.

### **Environmental**

Environmental services will be provided based upon features and impacts identified in the planning phase. Anticipated services include wetland delineation and mitigation, CBCA Act Compliance, forest conservation, noise analysis, and site audits. Permits will be coordinated with the engineering staff.

**Wetlands (Tidal and Non-Tidal)** | Work as follows:

- Provide Wetland Delineations – Performed in accordance with the USACE Wetlands Delineation Manual and delineated in the field by flagging. Impacts will be calculated and recommendations regarding minimizing impacts developed. Our representatives will attend scheduled agency field reviews to obtain the concurrence of the approval agencies for the delineated wetland boundaries.
- Prepare Wetlands Delineation Report – To include the scope of the assignment; the methodology used; a synopsis of the various wetlands, soil types, and characteristics; vegetation characteristics; and hydraulic characteristics.
- Mitigation Assessment – For proposed sites which present a significant wetlands impact, we will provide a detailed mitigation assessment to evaluate the options for wetlands mitigation either on site, in the same watershed, or an adjacent watershed in relatively close proximity. Conceptual mitigation plans will be prepared for unavoidable impacts and submitted with the Joint Wetland/Waterway Construction Permit application for approval. Upon approval, we will prepare mitigation plans which will include site plan, grading plan, planting plan and details.

**CBCA Compliance** | Compliance with the CBCA Act requirements will follow provisions set forth in the latest Critical Area Institutional Management Plan. Disturbance to existing vegetation within the Critical Area or its 100-foot buffer will be minimized to the extent practicable while still meeting project goals.

**Forest Conservation** | JMT will perform in accordance with the Forest Conservation Act, Natural Resources Article, Section 5-103. Based on information obtained from delineation, the team will determine, and verify, the reforestation requirements for the project. It is unlikely that any current Port facilities will require forest conservation but proposed new facilities may require this service.

**Noise Analysis** | If necessary, we will provide monitoring and assessment to document noise impacts. We can prepare mitigation design ranging from visual screening to noise barriers.

**Phase I and II Environmental Assessments** | Given the industrial nature of the Port, soil and groundwater contamination is often present. A Phase I Environmental Assessment will be performed to assess historical site use information, including environmental mapping and data bases. If required, a Phase II Assessment program will be performed for soil and groundwater sampling and testing to identify and quantify contaminants. If mitigation or cleanup is required, a mitigation plan will be developed.

**Landscape Architecture** | Our LA team will enhance project aesthetics, comply with buffer area regulations, design green space or provide wetland mitigation design. Artist and computer-generated renderings will be prepared for presentations.

### **Industrial**

JMT's industrial engineers specialize at planning and designing safe and efficient industrial port facilities, e.g. maintenance, repair and fueling.

### **Mechanical for Cargo Handling Equipment**

The JMT Team can provide experienced engineering services relative to cargo handling equipment including container cranes and yard equipment.

### **Land Surveys**

The JMT Team has extensive experience providing survey services for Port facilities, including control surveys, topographical surveys, LiDAR mapping and photogrammetry, profiles, cross-sections, right-of-way, metes and bounds surveys, hydrographic surveys, and stakeout for construction, right-of-way condemnation, and test borings. Topographic maps will be generated in MicroStation. Base mapping will be attributed, and line work will be snapped to points to ensure connectivity. MicroStation files will be reviewed to ensure conformity with the CADD Standards and to prepare for conversion to GIS format for incorporation into an enterprise GIS. Survey services will be directed by JMT's Key Staff, Florida Professional Land Surveyor.

### **Asset Management**

JMT offers and supports a variety of technology solutions and services to develop and implement tailored, asset management programs with and without a GIS interface. Services include the inventory, inspection, compilation, analysis and management of assets to effectively optimize the lifecycle of assets. With our staff of former owners, managers, and operators of public and private infrastructure, JMT provides a unique owner's perspective to asset management. We can bring together our technology professionals and subject matter experts to identify and implement practical and effective asset management solutions.

### **Design Criteria, Drawings, Technical Specifications, Estimates and Schedules**

We have assembled a team that can produce design criteria, drawings, technical specifications, estimates, and schedules for any type of project you may need, including warehouses, marine structures, paving, rail and rail tunnels, miscellaneous support buildings, material handling equipment, utilities including water, storm water drainage, sanitary, communications, both high- and low-voltage electric, exterior lighting and security.

### **Cost Estimates and Schedules**

Our cost estimators and schedulers will produce documents and backup as requested for construction contracts, studies, and planning reports.

### **Post Award Services**

Our post award services include review and approval of shop drawings, catalog cuts, responses to RFIs, design revisions, attendance at progress meetings, and site visits and inspections.

## **General Work Schedule**

The JMT Team will meet the following general work schedule unless otherwise directed.

### **Project Initiation**

- Meet to discuss project requirements (within 2 days of request)

- JMT technical and fee proposal (within 5 days of meeting or verbal request)
- Non-expedited task – begin task assignment within seven calendar days of NTP
- Expedited Task – begin work immediately upon verbal or written NTP

#### Project Phases and Submissions (per MDOT MPA approved schedule)

- Planning phase, 35% submittal, 85% submittal, 99% submittal, 100% contract bid documents

#### Emergency or Expedited Procurement Projects

- JMT will start immediately upon request.

#### Administrative

- Meeting minutes – submitted within one week
- Telephone conversation records – submitted within one week
- Copies of written correspondence – submitted within one week
- Monthly progress reports – within one week of reporting period (and with invoice)
- Estimate – MDOT MPA Standard Estimate Format. MBE Summary and NAICS Code List (with 99% submittal)
- Health and safety plan – submitted as required including special circumstances, e.g. working in COPR areas
- Other – Environmental Checklist, Engineer's Certification of Mock-up, Bidder's List, and MBE subcontract opportunities

### **Unique Methodology, Special Innovations, and Concepts**

[Geographic Information Systems \(GIS\)](#) | Our IT Division can and has provided complete mapping, programming, and GIS application services.

[Right-of-Way Acquisition Services](#) | Our Right-of-Way group is experienced in assisting with all aspects of property acquisition.

[Full-Time Local Staff](#) | Our team is available with Port-related experience in nearly every required service.

[ISO 9001 Certified](#) | JMT manages quality through our corporate-wide Quality Management System, which is based on ISO 9001:2015. Please refer to H. Contract Organization for further information.

[One Stop Shop](#) | The JMT Team can provide any engineering or architectural service or discipline that the Broward County Seaport Engineering and Facilities Maintenance Division may require. This ensures we will be responsible for the work of our subconsultants and will meet any deadline required.

### **Computer Services**

JMT has state-of-the-art in-house computer resources and a robust Technology Group for support. The application of JMT's computer facilities along with expert IT and GIS support staff will result in an efficient design.

[Project Management Applications](#) | Microsoft Word will be used for all project correspondence. Microsoft Project will be used to develop project design schedules for project management plan compliance. Microsoft Excel spreadsheet programs will be utilized for various design applications and estimates. PowerPoint and Astound will be used for project presentations to the design team, agencies, elected officials, and the public, incorporating our graphic and visualization tools. Microsoft Skype will be used for voice and video conferencing.

[Civil Engineering Applications](#) | Design programs such as InRoads and GEOPAK form the base mapping for many assignments. InRoads and GEOPAK both allow digital terrain modeling, cross-section generation, profile development, earthwork analysis, and 3D views from various points of view. JMT's system is Bentley based allowing outside generated drawing (.dgn) files and terrain models be used interchangeably without translation. SiteOps software is an interactive software that can be used to quickly do site and parking layouts.

[Environmental Applications](#) | The JMT Team will use handheld GPS units to locate environmental features eliminating the need for cumbersome field logging and traditional surveying.

**Structural Engineering Applications** | Our Software applications include RAM Elements–Finite Element Modeling and Design; RetainPro–Retaining wall design; LPILE–Deep foundation pile analysis and design; SAP 2000 FEA Analysis and Design; EnerCalc–Structural design of timber, masonry, wrought iron, steel and concrete elements; ACES (Automated Coastal Engineering System) USACE interactive design and analysis for coastal and hydrodynamic structures; TriFlex–Finite Element pipe thermal stress analysis to analyze piping systems; EMOOR–Ship Evaluation Tool for Moorings at Piers and Wharves; CODE SEARCH (CS10)–Code analysis tool based on the IBC Building Code & ASCE-7 Minimum Design Loads for Buildings and Structures; SAG10 High Mast Pole Design for Overhead Conductors; GRLWEAP–Wave Equation Analysis of Pile Driving; GSTABL 7 with STEDwin Version 2005; gINT® Geotechnical and GeoEnvironmental Software Professional Plus, Version 8.

**Architecture** | Building Information Modeling (BIM). We often utilize AutoDesk® Revit® to create a 3D computer model from which all 2D drawings and quantities are extracted. BIM is invaluable for detecting design conflicts before construction.

**Electrical Engineering** | We utilize the following software: AGI 32 - Lighting Analysis– computational program that performs used to quantify the distribution of artificial or natural light; SKM Software–performs Load Flow Analysis, Short-circuit Analysis, Equipment Evaluation (Cable and conduit sizes, protective devices), Protective Device Coordination Analysis & Arc Flash Analysis; AutoCAD MEP Building system design software– Maximizes efficiency with tools designed specifically for building systems design.

**Mechanical** | We utilize the following software: Carrier HAP HVAC Load Analysis and Energy Modeling, Trane TRACE Load Analysis and Energy Modeling, ASHRAE Psychometrics, ASHRAE Ventilation, ASHRAE Energy Analysis, Elite Software Fire Sprinkler Hydraulic Calculation, and AutoDesk® Computational Fluid Dynamics Simulator. JMT has also developed many in-house software applications, e.g., Pumping head loss calculator, Piping sizing calculator, Fan static loss calculator, Diffuser selector, and Quick form Heating Cooling calculator.

**GIS** | We are an Esri-certified partner with many ArcGIS Desktop and Server licenses. We possess Esri extensions and have several copies of Safe Software’s FME Workbench. Our team was responsible for developing the MDOT MPA Port View application, and we maintain a Port View development environment on our network.

**Scheduling** | We currently own licenses to Primavera P3 & P6, Microsoft Project, and Claims Digger.

**Project Collaboration Platform** | We use MDOT MPA ProjectWise platform for all CADD drawing development and for sharing files and information.

### Management and Quality Assurance / Quality Control Procedures

Quality is the degree to which a product or service meets stated requirements. With JMT, quality is planned into the project through effective project planning and communication, monitoring, and controlling the project to identify changes and variances from the plan and establishing effective verification activities (quality control) to increase project delivery effectiveness. Our quality philosophy focuses the entire team toward a client orientation, a process approach to our work, and continual improvement of our system. These principles drive every decision we make toward the planning and development of our services.

JMT manages quality through its corporate-wide Quality Management System (QMS). Our QMS, **certified to the internationally recognized ISO 9001:2015 standard**, is a systemic, process-based approach to assure our products and services meet our client’s requirement. JMT has developed our QMS to assure client satisfaction through quality deliverables delivered on time and within budget.

Our QMS goes beyond simple quality control and employs an effective, consistent approach that is tailored to each project assignment. This approach includes procedures for each project such as:

- Development, documentation, and communication of all project requirements to the project team
- Coordination of these requirements into a cohesive project specific Project Management Plan (PMP) to ensure synthesis among all stakeholders and establish quality verification activities
- Monitoring and controlling the plan against the established baseline and addressing changes
- Development of continuous improvement activities, including internal audits, to ensure the effectiveness of this plan and overall quality management system

Our quality procedures establish a consistent approach to each task but grant flexibility to the project manager to develop a project specific plan which is uniquely designed to meet the requirements of a specific assignment. Our QMS defines quality assurance as the systematic process by which the project is planned, executed, monitored, and controlled. This approach assures that quality is built into the process and not simply verified (quality control) after the deliverables are developed. This focus on quality as a process and not a singular event will ensure fewer construction-related changes and associated costs due to delays and change orders.

Other Key features of our QMS include:

- **Thorough Understanding of Project Requirements.** The client's goals, objectives, and standard requirements and procedures are closely reviewed and understood prior to developing any Project Plan or establishing deliverables.
- **Stakeholder Identification.** Our procedure stresses the importance of identifying and documenting in the PMP all project stakeholders during the project planning process. This includes all relevant members of the County's team, including design, construction, maintenance and operations personnel; regulatory parties; utility owners; and other key stakeholders that may have an impact on the project.
- **Rigorous adherence to Project Management requirements.** Strong project management is the core of any quality program and encompasses the development of a project-specific Project Management Plan (PMP), that includes the documented project requirement as it relates to:
  - Scope
  - Schedule
  - Cost and Budget (both design and construction)
  - Project staffing, roles, and responsibilities
  - Project Risk
  - Document Control
  - Quality Control
  - Communication Strategy (including meetings and progress reports to the client)

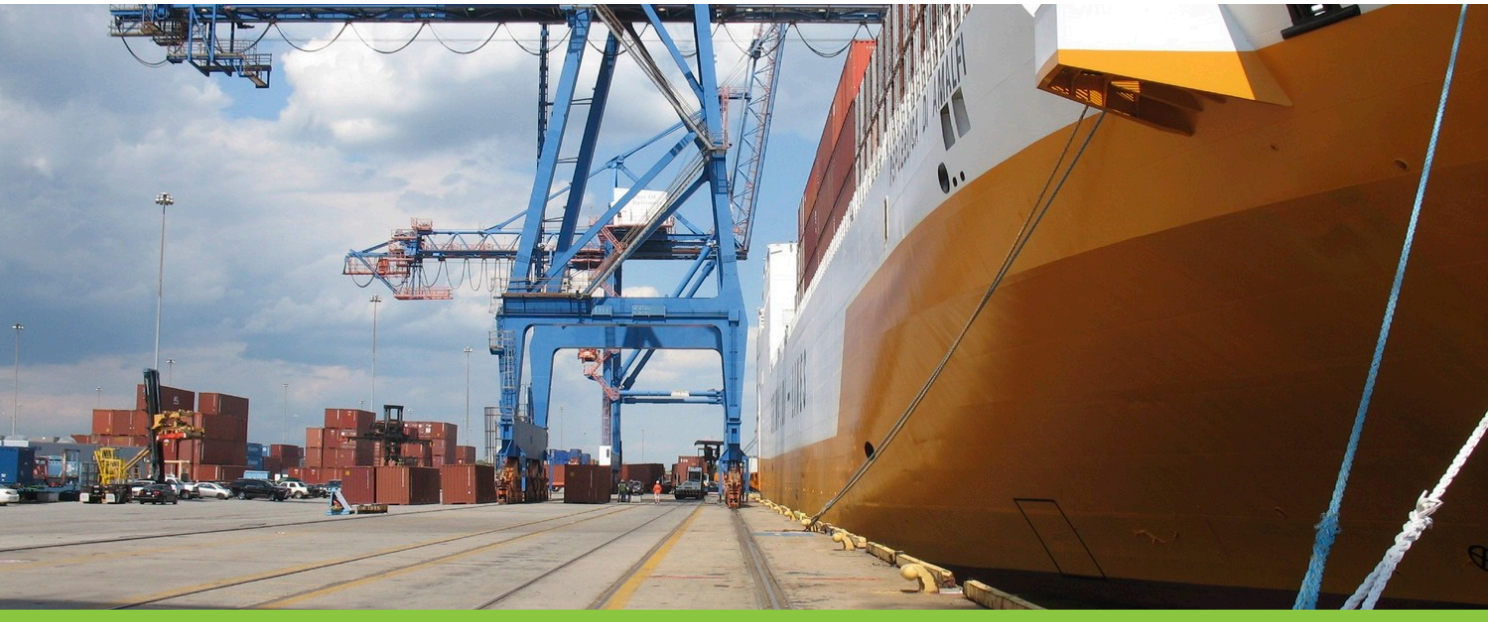
The PMP is developed to ensure all project elements are addressed **before Notice to Proceed**. The plan is communicated with project stakeholders to ensure mutual understanding of the expectation and requirements of the project throughout the entire project team. The project manager performs multiple validations throughout the project to ensure conformance and verification that the plan is viable and that stated process and procedures related to quality and prosecution are being performed.

The PMP will outline the verification or quality control activities and procedures for the project. JMT's approach to quality control includes procedures to verify that the deliverable meets the stated objectives and goals of the project. Deliverables are checked by discipline representatives not involved in the production. These independent quality control checks address inter- and intradisciplinary requirements ensuring coordination with the contract documents. Our quality control approach includes review activities such as:

- Cost Estimate - Evaluate construction cost estimates against similar County projects and compare estimate against budget.
- Calculation Review - Check calculation inputs are coordinated with plans.
- Technical Review - Develop checklists and review documents for each design team discipline.
- Coordination Review - Perform a coordination review of disciplines to eliminate conflicts and ensure consistency.
- Consistency Review - Verify plans are consistent among all design disciplines.
- Specifications Review - Check specifications against drawings and construction cost estimate.
- Constructability Review - An independent constructability review is completed for the project to ensure biddability and constructability of contract documents.

# EVALUATION CRITERIA

## 3. Past Performance



## 3. Past Performance



### Capability to Perform Work

JMT has a tangible track record of managing general service and as-needed service contracts, having effectively managed to date **over 1,375 open-ended contracts involving over 12,000 individual task assignments**. Our general service and as-needed service contracts have involved all manner of professional services from initial on-site data gathering and surveying through final design and construction close-out. Our work on these agreements has included: roadway and bridge design, stormwater design, traffic engineering and associated studies, bridge inspection and urban transportation planning, right-of-way acquisition, coastal and marine engineering, environmental services, recreation and municipal facility design, surveying, permitting, project schedule and budget monitoring, and construction management. Based on our prior experience, our team has been structured so that we can provide the exact experience required for this contract.

JMT understands the nature of this contract as well as the unique challenges this type of contract presents to both the consultant engineer and the Broward County Seaport Engineering and Facilities Maintenance Division. Because of our extensive experience with many on-calls and comprehensive engineering services contracts, we know where potential challenges exist and have learned how to eliminate or mitigate those challenges through sound project management techniques, utilization of highly skilled professionals, effective communications, thorough documentation, and adherence to schedules and budgets.

### Proven Experience

Several examples of our proven experience are displayed on the following pages from the JMT Team. It includes examples of cruise and cargo terminal expansion projects, seaport transportation projects, marine infrastructure and dredging projects, and seaport environmental projects.

### Vendor Reference Verification Forms

JMT is enclosing six Vendor Reference Verification forms from several clients. These forms are located after our experience project summaries.

# Miscellaneous Engineering Services Contract, 515827

JMT is currently providing the services of architects, engineers, and support technical professionals on an as-needed basis for the **planning, development, and construction of both MDOT MPA new facilities and for the improvement of existing facilities of various sizes**. Tasks to date have included:

- Preliminary Design, Office Building, and Site Redevelopment at 10 Maryland Avenue
- On-Site (WTC Engineering) Civil Engineer and Project Management Services – Energy Savings Contract
- Review and Evaluate Energy Performance Contract
- Energy Performance Contract – Maintenance Program Evaluation
- WTC A/C Plant Forensic Analysis and Design Modifications
- Research and Report on the Operational and Safety Issues with Importing Liquid Bulk Caribbean Alcohol at DMT
- Development of an Electronic Database Solution for MPA's Contract Plan File (CPF) System
- Berth 1 Mooring and Breasting Dolphin Design, Dundalk Marine Terminal
- Plaza Security Bollards, World Trade Center Baltimore
- Buildings 96D and 1600A Demolition, Dundalk Marine Terminal
- Point Breeze Property Boundary Survey
- Marine Terminal Base Mapping: Dundalk, North and South Locust Point, Masonville, and Fairfield
- Set New and Replacement Survey Control Monuments, Various Marine Terminals: Cox Creek and Hawkins Point
- Dunmar South HVAC Assessment, DMT
- Dunmar South HVAC Improvements, DMT
- Agency Wide Substructure Repairs (AWSR5)
- McComas Street Overhead Sign Easement
- WTC Sanitary Drainage System Improvements
- WTC LAN Rooms Cooling Equipment Upgrades
- Pier 10 North Locust Point Mooring Dolphin Replacement
- Pier Monitoring North Locust Point Terminal and Boundary/Location Survey Services of Hart Miller Island and Poplar Island Dredged Material Containment Facilities
- On-Call Miscellaneous Engineering Services
- Graphic Renderings for a Proposed Case New Holland Terminal at Lot 1600, DMT
- Agency-wide Comprehensive Paving, Specification Recommendations

## CLIENT CONTACT

Maryland Port Administration

## PROJECT COST

\$3 million to date

## COMPLETION DATE

Ongoing

## RELEVANT SERVICES PROVIDED

Coastal, Dredging, Water, And  
Sanitary Engineering  
Civil Engineering  
Structural Engineering  
Hydraulics/Hydrology  
Geotechnical Engineering  
Mechanical & Electrical Engineering  
Fire Protection  
Environmental Engineering  
Architecture  
Landscape Architecture



# Miscellaneous Engineering Services Contract, 513001C

JMT provided comprehensive, professional **engineering and architectural services covering a broad spectrum of work, facility size, location, and technical expertise.** Tasks included:

- DMT Container Crane Electrical Shore-Power and Water Pit Upgrades Berths 9 through 13
- DMT Area 500 Surcharge Removal and Site Improvements
- DMT Berth 8 Roll-On/Roll-Off Platform Demolition, Dredging and New Mooring Bollards
- DMT Construction Administration for Berth 6 and 7 Rail Improvements
- SLP and NLP Base Mapping of Utilities and Boundary
- New MPA CADD Standards and eGIS Tools
- WTC Elevator Machine Room Cooling Improvements
- Colgate Creek Intra-Terminal Bridge Assessment and Port Equipment Load Rating
- WTC Plaza Security and Force Protection Improvements
- WTC New Security Console and Lobby Improvements
- Boundary Survey and LiDAR Topo, Sparrows Point/Coke Point
- NLP Security Gate Replacement
- DMT Building 403B Drainage Improvements
- WTC LAN Rooms Cooling and Emergency Power
- SLP Cruise MD Terminal - Primary Inspection Booths
- SLP Mobile Gangway Pavement Runway Assessment
- DMT Construction Phase Services for Dunmar Building Renovations
- WTC Exterior Column Lighting Study
- Sparrows Point/Coke Point – Preliminary Terminal Planning and Engineering
- MMT/FMT – Base Mapping of Utilities and Boundary
- DMT Building 96D and 1600 Demolition
- WTC Lobby Audio/Visual System
- SLP Cruise Maryland Terminal PA System
- On-Site Support Services – Mechanical, Electrical, Civil, and Project Management

**CLIENT CONTACT**  
Maryland Port Administration

**PROJECT COST**  
\$3 million to date

**COMPLETION DATE**  
2017

**RELEVANT SERVICES PROVIDED**  
Coastal, Dredging, Water, And  
Sanitary Engineering  
Civil Engineering  
Structural Engineering  
Hydraulics/Hydrology  
Geotechnical Engineering  
Mechanical & Electrical Engineering  
Fire Protection  
Environmental Engineering  
Architecture  
Landscape Architecture



# Miscellaneous Engineering Services Contract, 507907C

JMT provided a wide variety of professional services on 37 tasks that required a broad array of technical expertise for a diverse range of project types. Task assignments ranged from **environmental assessments, project feasibility studies, structural analysis, structural modeling, condition assessments, architectural design, financial modeling, valuation studies, detailed investigations and alternatives analysis, detailed design, construction documents, estimating, scheduling, procurement support, surveying, and mapping.**

- APM Terminal Demolition, DMT
- General Engineering Services including ship berthing analyses, solar power feasibility study, procurement support
- HVAC Modifications, Sheds 4 & 6, DMT
- DMT Utility Pit Electrical Renovations
- On-Site Supplemental Staff, WTC
- Shed 4 Fire Protection Upgrades, DMT
- Building 301 Boiler Replacement
- Canton Warehouse Phase I & II Environmental Assessment
- DMT Base Mapping & Utility Composite
- Seagirt Marine Terminal Valuation Study
- Schedule Reviews: Cofferdam Retention Structure & 48-inch Watermain Relocation
- DMT High Mast Lighting Design
- NGS Survey Monumentation, Various Terminals
- WTC DBED Renovations
- DMT Berth 6/7 Railroad Realignment
- SLP Comprehensive Wharf Condition Assessment & Load Rating
- NLP & SLP Mapping
- DMT Valve Room Unit Heaters
- DMT Crane Rail Rehabilitation
- Schedule Reviews: Inbound Building SMT & SLP New Cruise Terminal Parking Lot
- SLP Cruise Maryland Terminal Roof Study
- SLP Cruise Maryland Terminal Roof Replacement
- SMT Schedule Reviews: Substructure Repairs
- SLP Berth 9 Subsurface Investigation
- WTC Mechanical Drainage Modification Study
- DMT Shed 6 Fire Protection Upgrades
- DMT Building 5A Demolition & Area 600 Improvements
- SMT ALTA Survey Plat
- WTC Roof Replacement
- Climate Change & Vulnerability Assessment, All MPA Facilities

## CLIENT CONTACT

Maryland Port Administration

## PROJECT COST

\$1.5 million to date

## COMPLETION DATE

2012

## RELEVANT SERVICES PROVIDED

Coastal, Dredging, Water, And  
Sanitary Engineering  
Civil Engineering  
Structural Engineering  
Hydraulics/Hydrology  
Geotechnical Engineering  
Mechanical & Electrical Engineering  
Fire Protection  
Environmental Engineering  
Architecture  
Landscape Architecture



DMT Berth 6/7 Railroad Realignment

# Miscellaneous Engineering Services Contract, 504906D

JMT provided services for 25 miscellaneous engineering services tasks. Our services under this contract included project management, port planning, architecture, civil, structural, electrical, mechanical, and geotechnical engineering services. **Project assignments provided for the planning, development, and construction of new facilities and the maintenance and improvement of existing facilities of various sizes.** The work also included construction-related services, GIS services, surveying, engineering research, and various engineering services.

- MMT Topographic and Utility Surveys
- MMT/FMT Connector Road
- On-Site Supplemental Engineering Staff
- SLP Utility Pit and Water Service
- Geotechnical Engineering Services
- Development of Structural Inspection Manual
- Pile Analysis Services
- HVAC Modifications for Storage Sheds 4 and 6, DMT
- Utility Pit Renovations, DMT
- SLP Roll-On/Roll-Off Pier
- Back-Up Power Generator Study, DMT
- Baseline Construction Schedule Reviews
- GIS Support Services
- MMT Wetland Mitigation Monitoring
- Shed 5A Environmental Assessments and Demolition, DMT
- DMT Drainage Investigations
- DMT High Mast Lighting Design
- DMT North Railroad Gate Survey Services
- DMT and SLP Electrical Engineering Work
- DMT Emergency Generator for Shed 6
- WTC Roof Replacement

## CLIENT CONTACT

Maryland Port Administration

## PROJECT COST

\$789,500

## COMPLETION DATE

2014

## RELEVANT SERVICES PROVIDED

Coastal, Dredging, Water, And  
Sanitary Engineering  
Civil Engineering  
Structural Engineering  
Hydraulics/Hydrology  
Geotechnical Engineering  
Mechanical & Electrical Engineering  
Fire Protection  
Environmental Engineering  
Architecture  
Landscape Architecture



# Cruise Terminal Pier, St. Kitts

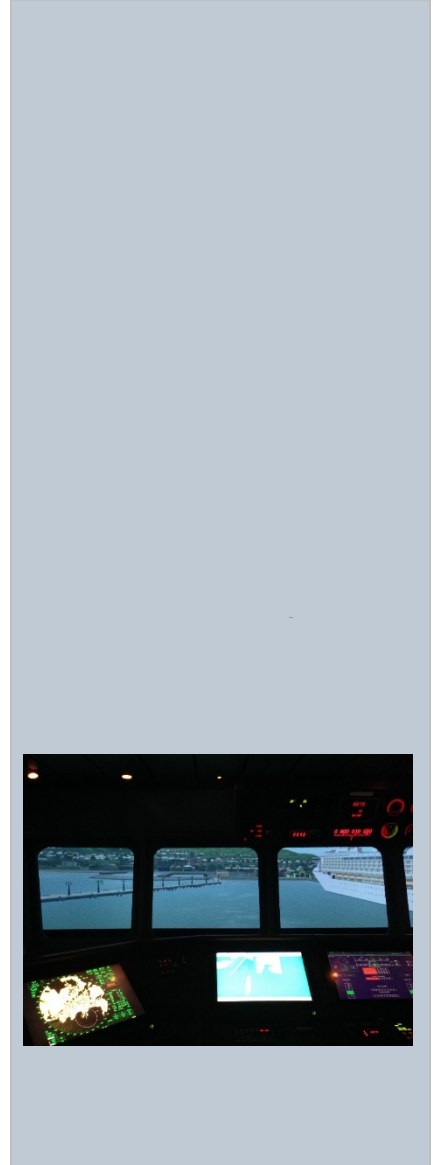
Porte Zante, Basseterre, St. Kitts, West Indies



JMT provided **preliminary, final design, and construction inspection for the new deep-water cruise ship pier** as part of a design build project with JV Driver International of Canada. The pier is located adjacent to the existing pier at Port Zante, St. Kitts, West Indies and can accommodate two Oasis Class cruise **ships up to 1,200 ft. in length and draft of 31 ft** simultaneously. Pier includes mooring and breasting dolphins, catwalks, 150 and 200-ton capacity mooring bollards, high energy-absorbing berthing fenders and pier lighting. The design included two 200-ton mooring dolphins with steel connector catwalks and a renovated jetty and access trestle structure to connect to the shore. Structural design was carried out using RAM Elements (Finite Element) Software by Bentley Systems and augmented with SAP 2000 Software by Computers and Structures, Inc.

Design criteria was set to accommodate the berthing of two Royal Caribbean Oasis of the Seas class cruise ships, simultaneously. Each vessel has a displacement of 104,000 tons with a sheltered velocity of 0.153 m/sec. The environmental factors included in the design were 100-year storm loading, 150 MPH hurricane force winds, and storm surge. The composition of the pier is reinforced concrete deck and pile caps supported on spiral welded 48 in. diameter steel pipe piles, some with rock anchors to accommodate uplift forces. Concrete design followed the most recent versions of ACI 318 and 350. LRFD structural steel design methods were also used.

A vessel mooring analysis was performed using EMOOR by the Naval Facilities Engineering Command (TR-6005-OCN) to determine overall pier/wharf capacity, wharf fittings (cleats and bollards), breasting and spring line loading and geometry. The analyses included ship and coastal inputs for draft, water depth, wind speed, current, and vertical angles of breasting lines. Braided high-capacity mooring lines were selected based on the EMOOR program results. Engineering efforts included geotechnical investigations, hydrographic survey, dredging design, vessel berthing simulations, coastal engineering, and structural engineering.



# Dock 26W Rehabilitation Project

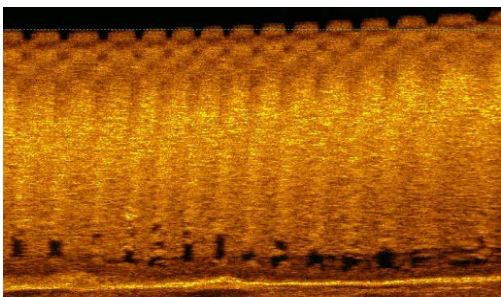
Cleveland, OH

During a previous contract with the Port of Cleveland JMT completed a condition assessment of the maritime infrastructure along the General Cargo International Terminal from Dock 22 to Dock 28A utilizing underwater sonar scanning and dive confirmation. The assessment revealed large areas of corrosion damage along Dock 26W, one of four dock locations that can accommodate large international cargo vessels at the General Cargo Terminal Facility at the Port of Cleveland. The dock is located adjacent to closed cold storage that houses specialty cargo such as steel coils and tin plate and is one of the Port of Cleveland’s heaviest used dock for inbound and outbound cargo.

The reduced and complete section loss of the sheet piling in numerous locations along the mudline compromised the structural integrity of Dock 26 West. Currently, the dock has been closed for the transport of vessel freight and heavy truck loads. With the dock out of service, the capacity of the facility could potentially decrease by 25% and could produce delays in cargo distribution to international customers, specifically the Cleveland - Europe Express route between Cleveland and Antwerp. Due to the increasing container service activity at the facility and the location to off-loading and storing sensitive materials, it is imperative to repair the bulkhead as efficiently. Economic considerations are also crucial since this project was not included in the 2019 fiscal budget.

JMT is currently working with the Port of Cleveland on the design effort to replace the bulkhead by driving a new sheetpile bulkhead in front of the existing bulkhead, upgrading the fendering system, rehabilitating the bollards, and upgrading the stormwater and drainage design to reduce pollutants that are deposited back into Lake Erie. The new bulkhead will be driven just outside of the existing bulkhead with new whaler and anchor systems installed.

The JMT Team provided all of the waterway permitting effort to prepare a Waterway Permit Determination Package for submittal to the ODOT District 12 environmental Coordinator for review. The team will also utilize the United States Army Corps of Engineers (USACE) Nationwide Permit (NWP) Program for Section 404; specifically, NWP#3 – Maintenance. The NWP application will also address all items required by the USACE for Section 10 Authorization. JMT will also coordinate the permitting effort through the Ohio Department of Natural Resources (ODNR) throughout the development of the project and ensure compliance with Ohio’s Coastal Management Program (OCMP) policies and regulations.



*Holes along mudline of Dock 26W*

To help with finding the root cause of the corrosion in a, typically, non-corrosive environment, our subconsultant provided JMT with corrosion analysis based on samples gathered by the geotechnical engineers and JMT divers. Our team was able to provide service-life predictive analyses of concrete structures which includes aspects of durability, failure analysis, premature deterioration

**CLIENT CONTACT**  
Cleveland-Cuyahoga County  
Port Authority

**PROJECT COST/FUNDING**  
\$283,000

**COMPLETION DATE**  
Start: April 2019  
Completion: Ongoing

**RELEVANT SERVICES PROVIDED**  
Marine Engineering  
Bulkhead Evaluation & Design  
Permitting  
Underwater Inspections  
Geotechnical Drilling  
Geotechnical Laboratory Testing

of concrete infrastructure and its impact on asset management. They utilized their STADIUM® software, which was developed in-house, and allows the prediction of the degradation of concrete structures exposed to chemically aggressive environments.

As part of the improvements to the Dock 26 project, the paved area between the bulkhead and existing warehouse was regraded. By regrading the area, runoff over or through the new bulkhead is limited and a majority is collected in a new stormwater system. Significant improvements to the stormwater system were included in the plans for Dock 26. Stormwater systems were consolidated to limit the number of outfalls or penetrations through the bulkhead wall. This reduces the number of outfalls the Port has to maintain. The consolidated system was also routed through a stormwater quality device. This allowed for the design of one central stormwater quality device to improve the water quality of the runoff before being discharged into the lake. One larger system compared to several smaller systems is more cost effective to construct and maintain. The stormwater quality device was designed to help the Port meet the requirements of their industrial stormwater permit.



*Section Loss in CMP Outfall*

**NEAS** provided **JMT** and the Cleveland-Cuyahoga Port Authority with six exploratory borings at the Dock 26 Pier. Borings were drilled using a truck mounted rotary rig, equipped with hollow stem augers and 2" diameter SPT equipment. SPT drive samples were collected at 5' intervals in each boring except that the "Base Course" materials were sampled continuously (roughly from 35' to 48' below present grade). Borings were extended to terminal depths of 90' below present grade.

Recently conducted field studies indicated that some areas of the existing MZ-38 sheet piling were compromised by holes ranging from several inches to several feet. NEAS was retained to perform drilling, sampling and laboratory testing which:

1. Assisted the design team in performing geotechnical analyses for rehab of the pier
2. Provided samples for chemical testing to potentially identify the cause of the corrosion.

All samples were field classified, sealed in glass containers, identified per drillers log and transported to our AASHTO accredited lab for further evaluation. All excess sample materials were preserved in an additional glass container for possible chemical analysis to be performed by others, at the direction of JMT.

All deliverables included boring logs and location plan, the results of all laboratory tests, observations of site surface features, and narrative describing field and laboratory methods employed.

# A/E IDIQ Contract for Waterfront Inspections and Ocean Engineering Services

USCG, Nationwide

This is an Indefinite Delivery, Indefinite Quantity Architect/Engineer contract to provide ocean, civil, mechanical, and electrical engineering at US Coast Guard waterfront facilities nationwide, including Alaska, Hawaii, Puerto Rico, Guam, and American Samoa. Tasks include above and underwater inspections; load capacity rating evaluations of structures; design and engineering of facility repair, modernization, and expansion projects; construction cost estimates; topographical and hydrographic surveys. Original award was 2010 with four options years. Task orders completed include:

## U.S. Keys and New Orleans Inspections

The JMT team was assigned to inspect various U.S. Coast Guard Aides to Navigation (ATON) structures for their Civil Engineering Unit out of Miami, Florida. The towers were located in the Florida Keys (5) and in New Orleans (3) along the Mississippi River. Our primary purpose was to inspect, document conditions and provide management recommendations for each of the towers reviewed. The inspections were carried out in July of 2012 on two separate trips. The JMT team utilized water (boat) access to the Florida locations and was able to provide the required work by land in New Orleans. The following locations were visited and inspected:

### Florida Keys (Water Installations)

- Key West: Cosgrove Shoal ATON Light Tower
- Smith Shoal ATON Light Tower
- Marathon Key: Tennessee Reef ATON Tower
- Key Largo: Molasses Reef ATON Tower
- Islamorada Key: Hens and Chickens Reef ATON Tower

### New Orleans (Wharf and Levee Installations)

- Governor Nicholls Light
- Gretna Harbor Traffic Control Light
- Westwego Traffic Light

The team performed above and below board inspections on the Keys locations with a Structural PE supervision for both classes. JMT performed the above water inspections in the water locations and the full tower inspections in the New Orleans locations. These inspections included Ultrasonic field testing of the metal and anodes in all locations as well as physical and visual testing. Data were collected from all 8 locations and assembled into a comprehensive assessment report that was issued to the USCG with write-ups, structural drawings and recommendations for each tower.

### Rapid-Response Floating Dock Investigation, USCG Station Fire Island

- 40-ft long concrete floating dock
- Rapid response (next day) to investigate low freeboard condition

## CLIENT CONTACT

United States Coast Guard

## PROJECT COST/FUNDING

\$1.2 million

## COMPLETION DATE

Start: 2010

Completion: August 2014

## RELEVANT SERVICES PROVIDED

On-Call Contract  
Ocean Engineering  
Civil Engineering  
Mechanical Engineering  
Electrical Engineering



- Seawater had penetrated the concrete float modules through significant underside cracking

### **FY2010 Waterfront Inspection, USCG Station Staten Island, New York**

Moment Engineering and JMT performed a five-year inspection of the USCG Yard in Staten Island, New York at the Verrazano Narrows. The work included a structural assessment of the facilities with above and below water inspections. JMT performed the above-water structural inspections in conjunction with Moment Engineering. A diving team was engaged to do surface-supplied-air underwater inspections and sampling. A complete facilities assessment report was completed as the deliverable to the USCG which included AutoCAD drawings and repair recommendations.



- Above and underwater investigation
- 496-ft long granite and concrete seawall
- 546-ft long timber wave screen (32 steel piles)
- 83-ft long concrete pier
- Floating docks

### **Matagorda Bay, TX**

MEI and JMT have prepared a conceptual design of a structure to replace the current Matagorda Range B Front Light. Engineers visited the site and collected measurements, photographs, and other pertinent site information. The scope of services for the task included assessment of environmental conditions, development of a demolition plan, cost estimation, and preparation of working drawings and specifications. The design will satisfy these major objectives:

Demolish and dispose of an existing structure in a manner acceptable by all local, state, and federal laws and regulations

- Provide for the channel's safe navigation
- Provide a new low-maintenance Aid to Navigation (ATON) structure
- Provide ease of safe access for servicing personnel

### **USCG Battery Park Station, Manhattan, NY**

Prepared CADD drawings from field investigations at the Seawall and Pier "C" for waterfront facility inspections and assessment. Included tidal, bathymetric & hydrographic data along the shoreline and pier.

### **Montauk – Long Island, NY**

Moment Engineering and JMT performed a five-year inspection of the USCG Station at Montauk, Long Island, NY. The work included a structural assessment of the facilities with above and below water inspections. JMT performed the above-water structural inspections in conjunction with Moment Engineering. A diving team was engaged to do surface-supplied-air underwater inspections and sampling. A complete facilities assessment report was completed as the deliverable to the USCG which included AutoCAD drawings and repair recommendations.



# Buzzard Point and Riverfront Trail

Washington, DC

Inspired by the native marshland that historically softened the transition between land and water, our design concept for Buzzard Point Park seeks to restore the natural beauty of the site. Located in a busy urban area, Buzzard Point Park will become a neighborhood treasure where residents can stroll down a shoreline promenade lined with trees and marsh grasses, muffling the sounds of the city. The waterfront, once inaccessible, will be transformed into a peaceful retreat for both recreation and relaxation.

Our design begins with the shoreline. In sharp contrast to the hard lines traditionally used in waterfront parks, our concept utilizes soft edges and organic shapes defined by native marsh plantings. This holistic approach provides shoreline stability and flood protection, while making the waterfront accessible. To enhance this experience, a Kayak Share program allows residents a new way to engage with the waterfront. Rec Pods provide quiet areas of respite, delineated by lush, green transition areas. Visitors seeking active recreation will be able to utilize the continuation of the Anacostia River Trail, linking to the existing trail ending at Diamond Teague Park. Buzzard Point Park will become a peaceful retreat nestled along the shoreline for generations of residents to enjoy.

## CLIENT CONTACT



# Performance of Expert Professional Topographic/Boundary Surveying Services as Requested on a "Call-In" Basis

Numerous Locations at Port Authority Facilities

JMT is providing survey services under our third consecutive "Call In" Basis contract with Port Authority of New York and New Jersey (PA NYNJ). Currently, we are providing services at PA NYNJ Facilities to include Newark Liberty International Airport (EWR), Teterboro Airport (TEB), Stewart International Airport (SWF), LaGuardia International Airport (LGA), JFK International Airport (JFK), Holland Tunnel, Lincoln Tunnel, PA Bus Terminal, George Washington Bridge, Goethals Bridge, as well as Port Elizabeth and Port Newark Marine Terminal. Additionally, we provided surveys for the Bayonne Bridge Navigational Clearance project. Boundary, Right-of-Way, Utilities, environmental, topographic surveys, as well as, control were part of the contract requirements. CADD mapping was completed and provided in the PA NYNJ standards and formats.

Within the airports, surveys of the runways and taxiways were generally provided at the time of construction operations when a runway was closed, or at night during early morning hours. Our field crews worked nights to complete the runway and taxiway surveys. Surveys were made of surface utilities; sub-surface utilities as marked-out; sub-surface utilities located in the trench at time of construction; sub-surface utilities exposed by test pit; topographic and location; and construction stakeout verification of certain structure components.

PA NYNJ has frequently called upon JMT, as well as on an emergency basis for a fast response and quick turnaround of survey data and mapping information.

JMT performed surveys, LiDAR scans and base mapping for the Lincoln Tunnel South tube fine milling and repaving project.



## CLIENT CONTACT



# Drum Island Marsh Creation Baseline and Post-Construction Monitoring

Charleston, SC

JMT is currently providing to the South Carolina Port Authority (SCPA) baseline and post-construction monitoring for the Drum Island Tidal Marsh Restoration Project. Baseline vegetation data as well as installation of water level data loggers were installed prior to construction in November 2018. Gauges are downloaded on a quarterly basis before and during construction and baseline vegetation will be monitored and photographed at each quadrant and transect. Information collected will include species diversity and overall percent cover, stem counts, and percent bare ground. JMT will also be preparing as-built surveys and as-built Post Construction Reports. A follow-up survey will be conducted during the third year of monitoring. The survey will be used to document changes in the restoration area and to determine the desired elevations have been established and stabilized. The survey will also document existing structures, berms and channels, where necessary. An annual post-construction monitoring report is submitted to the USACE for a period of three years. The reports will include a narrative that provides an overview of site conditions and function; design drawings, maps, and photographs to illustrate site conditions, and functional assessments used to provide quantitative and qualitative measures of functions provided by the mitigation project.



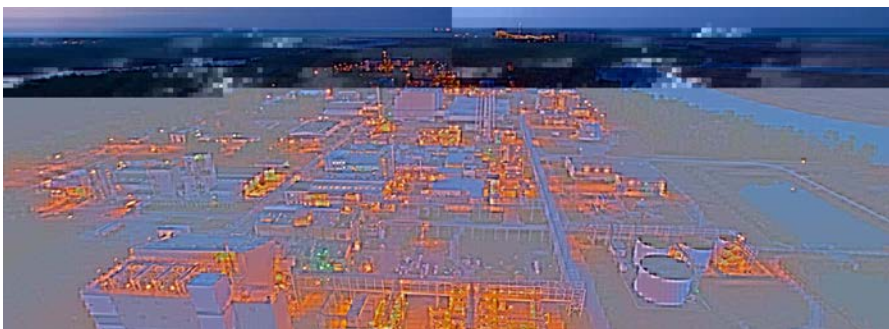
# New Marine Terminal at Bushy Park Industrial Complex

Goose Creek, SC

JMT is currently providing engineering and design services to industrialize the land cable factory located in Goose Creek, South Carolina to a submarine cable factory. The existing factory will be expanded to meet the requirements to manufacture and to routine test submarine cables in addition to land cables.

This requires a number of preparations to the Cooper River site to give safe and efficient access to the plant for large cable transport and installation vessels as well as the construction of a plant marine terminal/quay to allow safe mooring of vessels and handling of the products and equipment during vessel loading.

Work components include preparation of the uplands land adjacent to the quay as well as construction of the main quay and secondary mooring location in the Cooper River along with associated dredging. JMT is providing project management and engineering services required to ensure cable transport and installation vessels access to the plant, including the preparation for the necessary marine terminal facilities.



## CLIENT CONTACT

Private Client

## CONTRACT AMOUNT

\$650,000

## SERVICES PROVIDED

- Bathymetric Surveying
- Topographic Surveying
- Geotechnical Engineering
- Civil Engineering
- Marine Structural Engineering
- Wharf Electrical Engineering
- Wharf Water Supply Design
- Environmental Permitting
- Protected Species Consultation
- Federal Section 408 Compliance
- Tier 1 Sediment Analysis
- Marine Noise Assessment
- Stormwater Permitting
- Dredged Material Management
- Procurement
- Construction Management

# Cruise/Union Pier Terminal Noise Impact Analysis

Charleston, SC

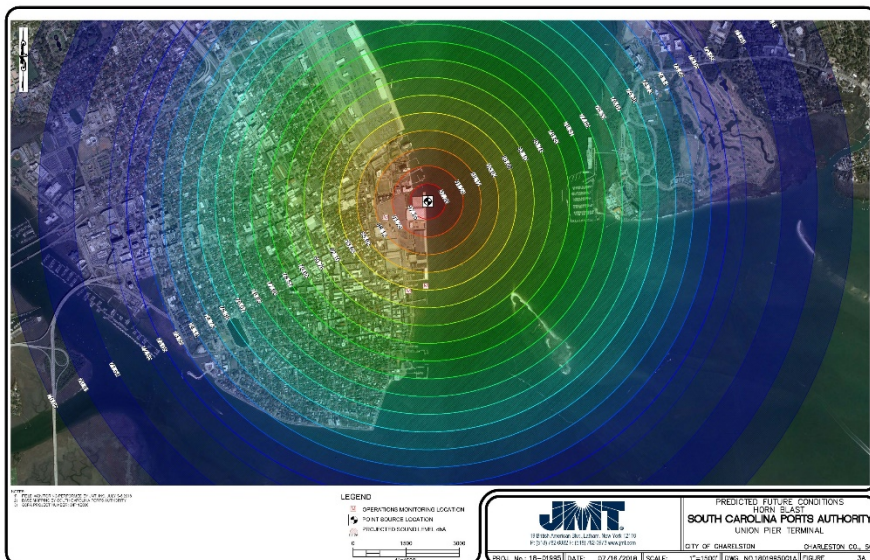
Ports are located in urban areas where even typical operations can have social and environmental consequences. Operations in historic and residential areas require sensitivity to local quality-of-life issues. The SCPA submitted a permit application for the renovation of a cargo terminal to serve cruise vessels at Union Pier Terminal (UPT) in Charleston, SC. The U.S. Army Corps of Engineers (USACE) requested additional information, stating that, written comments regarding noise expressed concern about the volume and frequency of horn blasts, announcements, and music that is played over loudspeakers on passenger vessels..." JMT was tasked to determine existing ambient noise levels and noise levels associated with cargo operations, and to create a cruise ship noise model based on horn blasts and onboard announcements at the existing location. The model was then projected onto the new location to support the permitting effort.

In summary, cruise ship air horn blasts, in their current and proposed use (sounding only up to one-minute total per week) did not appear to adversely affect human health or violate community noise standards. As expected, relocating ships to the north berth, 600 meters away from the existing berth, slightly increases perception of horns/announcements to the north, and decreases it to the immediate west of the focal site, due to the relocation of the berth used to the north. Other direct and indirect effects of the berth relocation were determined. For example, the berth relocation would result in a reduced amount of light-industrial noise emanating from port properties as perceived at the west margin of the port's property at the focal location.

**CLIENT CONTACT**  
South Carolina Ports Authority

**COMPLETION DATE**  
July 2018

**SERVICES PROVIDED**  
Environmental Consulting  
Environmental Permitting  
Noise Modeling



# Lake Worth Inlet Flood Shoal Dredging

Riveria Beach, FL



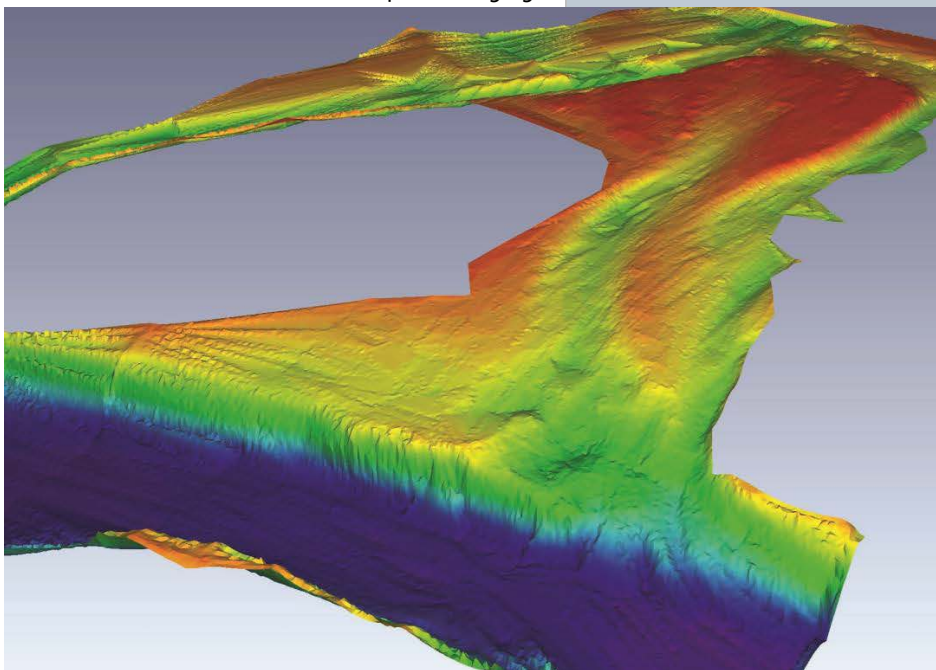
Cummins Cederberg is providing marine engineering and environmental consulting services for the Lake Worth Inlet Flood Shoal Dredging Project, located adjacent to the Port of Palm Beach, Peanut Island Park, and the Lake Worth Inlet. The project consists of dredging a portion of the eastern perimeter and a center cut through the shoal to increase navigation and

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Coastal & Marine Engineering

safety. The center cut will restore sediment deposition capacity in areas where sediment has historically deposited. As an additional benefit, it will increase access to the interior of the shoal and help reduce vessel density along the eastern and northern perimeters improving navigation and safety in the marked channels. The center channel will also improve access to law enforcement and first responders. The dredge material will be placed at the Tarpon Cover Restoration site, just south of the inlet.

Responsibilities included bathymetric survey, current measurements, marine resource survey support, preparation of engineering plans, environmental permit application preparation and processing with the FDEP and the USACE, coordination and participation in public stakeholder meetings, and coastal engineering analysis.

The bathymetric survey and current data was used for design and coastal modeling. To better understand the dynamics of the flood shoal and evaluate effects post-dredging, a coastal analysis was performed. The components that were evaluated were general coastal processes (waves and tidal hydrodynamic), sediment characteristics, sediment transport patterns, infilling time and anticipated dredge frequency, and impact to the Intracoastal Waterway west of the Lake Worth Inlet flood shoal based on cross-sectional profile and potential slope adjustments as well as anticipated sand movement and deposition. The bathymetric survey will also serve as a basis for the dredge design, which will be developed for reshaping of the flood shoal.



# Universal Marine Center Bulkhead Replacement

Fort Lauderdale, FL



Universal Marine Center is a super-yacht refit and repair facility located on Marina Mile in Fort Lauderdale. Cummins Cederberg designed dredging works, new bulkhead, and pipe guide piles for floating docks at their facility. Structural design plans and construction drawings were

prepared in detail for submittal to regulatory agencies. Due to the high loading experienced, the new bulkhead was constructed from steel sheet pile and concrete batter piles, with a reinforced concrete capping beam. Specifications and details for concrete characteristics including strength, water content, corrosion inhibitors, along with reinforcement details were developed for various components as part of the design process.

Following the design, Cummins Cederberg provided construction administration and special inspector services throughout the implementation of the project. This included field observation reports, log of special inspections, shop drawing review, site observations and responses to Requests for Information.



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Coastal & Marine Engineering

**SERVICES PROVIDED**  
Marine Engineering

**COMPLETION DATE**  
July 2018



### Vendor Reference Verification Form

Broward County Solicitation No. and Title:

**Solicitation PNC2119212P1 Consulting Services for Port Everglades**

Reference for: **Johnson, Mirmiran & Thompson**

Organization/Firm Name providing reference:

**Maryland Port Administration**

Contact Name: **Carl Henderson**

Title: **Engineering Technician**

Reference date: **09/04/2019**

Contact Email: **chenderson2@marylandports.com**

Contact Phone: **410-385-4821**

Name of Referenced Project: **Misc Engineering Services Contract**

Contract No.

Date Services Provided:

Project Amount:

**515827B**

**03/31/2016 to 11/30/2019**

**\$ 6,000,000.00**

Vendor's role in Project:  Prime Vendor  Subconsultant/Subcontractor

Would you use this vendor again?  Yes  No If No, please specify in Additional Comments (below).

**Description of services provided by Vendor:**

Miscellaneous Engineering Services including Civil/Transportation Engineering, Surveying, SUE, Structural Engineering, MEP, Graphics, Marine Engineering and others

**Please rate your experience with the referenced Vendor:**

**Needs Improvement      Satisfactory      Excellent      Not Applicable**

1. Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:				
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Additional Comments:** (provide on additional sheet if needed)

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**Solicitation PNC2119212P1 Consulting Services for Port Everglades**

Reference for: Johnson, Mirmiran & Thompson

Organization/Firm Name providing reference:

Maryland Port Administration

Contact Name: Carl Henderson

Title: Engineering Technician

Reference date: 09/04/2019

Contact Email: chenderson2@marylandports.com

Contact Phone: 410-385-4821

Name of Referenced Project: Miss Engineering Services Contract

Contract No.

Date Services Provided:

Project Amount:

513001C

03/13/2012 to 03/13/2015

\$ 3,000,000.00

Vendor's role in Project:  Prime Vendor  Subconsultant/Subcontractor

Would you use this vendor again?  Yes  No If No, please specify in Additional Comments (below).

**Description of services provided by Vendor:**

Miscellaneous Engineering Services including Civil/Transportation Engineering, Surveying, SUE, Structural Engineering, MEP, Graphics, Marine Engineering and others

**Please rate your experience with the referenced Vendor:**

	Needs Improvement	Satisfactory	Excellent	Not Applicable
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1. Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Organization/Firm Name providing reference:  
**Maryland Port Administration**

Contact Name: **Carl Henderson** Title: **Engineering Technician** Reference date: **09/04/2019**

Contact Email: **chenderson2@marylandports.com** Contact Phone: **410-385-4821**

Name of Referenced Project: **Misc Engineering Services Contract**

Contract No. **507907C** Date Services Provided: **06/20/2007 to 06/20/2012** Project Amount: **\$ 1,500,000.00**

Vendor's role in Project:  Prime Vendor  Subconsultant/Subcontractor

Would you use this vendor again?  Yes  No If No, please specify in Additional Comments (below).

**Description of services provided by Vendor:**

Miscellaneous Engineering Services including Civil/Transportation Engineering, Surveying, SUE, Structural Engineering, MEP, Graphics, Marine Engineering and others

**Please rate your experience with the referenced Vendor:**

**Needs Improvement      Satisfactory      Excellent      Not Applicable**

1. Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Additional Comments:** (provide on additional sheet if needed)

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### Vendor Reference Verification Form

Broward County Solicitation No. and Title:

**Solicitation PNC2119212P1 Consulting Services for Port Everglades**

Reference for: Johnson, Mirmiran & Thompson

Organization/Firm Name providing reference:

Port Authority of NY & NJ

Contact Name: Richard Carlson, Jr Title: Supervisor Surveys Reference date: 09/02/2019

Contact Email: r Carlson@panynj.gov Contact Phone: 201-595-4852

Name of Referenced Project: Agreement for Topographic/Boundary Surveying

Contract No. 410-19-007 Date Services Provided: 01/01/2017 to 09/02/2019 Project Amount: \$ 1,000,000.00

Vendor's role in Project:  Prime Vendor  Subconsultant/Subcontractor

Would you use this vendor again?  Yes  No If No, please specify in Additional Comments (below).

**Description of services provided by Vendor:**

Topographic and Boundary Surveying

**Please rate your experience with the referenced Vendor:**

Needs Improvement      Satisfactory      Excellent      Not Applicable

1. Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:				
a. Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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5. Cooperation with:				
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b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Additional Comments:** (provide on additional sheet if needed)

\*PA rules only allow indicating whether requirements were met or not. JMT met or exceeded needed requirements on required tasks.

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**Vendor Reference Verification Form**

Broward County Solicitation No. and Title:

**Solicitation PNC2119212P1 Consulting Services for Port Everglades**

Reference for: Johnson, Mirmiran & Thompson

Organization/Firm Name providing reference: *Nexans High Voltage USA INC.*

Contact Name: *Brian Boan* Title: *Dir. of Transformation* Reference date:

Contact Email: *Brian.Boan@Nexans.com* Contact Phone:

Name of Referenced Project: *Sea Transport Terminal Project*

Contract No. Date Services Provided: *to ongoing* Project Amount: *\$18M estimated*

Vendor's role in Project:  Prime Vendor  Subconsultant/Subcontractor

Would you use this vendor again?  Yes  No If No, please specify in Additional Comments (below).

**Description of services provided by Vendor:**

Please rate your experience with the referenced Vendor:	Needs Improvement	Satisfactory	Excellent	Not Applicable
1. Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Timeliness of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments: (provide on additional sheet if needed)

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All information provided to Broward County is subject to verification. Vendor acknowledges that inaccurate, untruthful, or incorrect statements made in support of this response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to Section 21.119 of the Broward County Procurement Code.



### Vendor Reference Verification Form

Broward County Solicitation No. and Title:

**Solicitation PNC2119212P1 Consulting Services for Port Everglades**

Reference for: **Johnson, Mirmiran & Thompson**

Organization/Firm Name providing reference:

**South Carolina Port Authority**

Contact Name: **Mark Messersmith** Title: **Permit Manager** Reference date: **09/09/2019**

Contact Email: **MMessersmith@scspa.com** Contact Phone: **843-375-3102**

Name of Referenced Project: **SCPA Cruise/Union Pier Terminal Noise Impact Analysis**

Contract No. **CIF11E006** Date Services Provided: **04/01/2018 to 07/30/2018** Project Amount: **\$ 20,000.00**

Vendor's role in Project:  Prime Vendor  Subconsultant/Subcontractor

Would you use this vendor again?  Yes  No If No, please specify in Additional Comments (below).

**Description of services provided by Vendor:**

Ambient sound studies, noise impact assessment for re-location of cruise terminal in historic neighborhood to support U.S. Army Corps of Engineers' response to public comments.

**Please rate your experience with the referenced Vendor:**

**Needs Improvement      Satisfactory      Excellent      Not Applicable**

1. Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Turnover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Timeliness of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Project completed within budget	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Cooperation with:				
a. Your Firm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Subcontractor(s)/Subconsultant(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Regulatory Agency(ies)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Additional Comments:** (provide on additional sheet if needed)

**JMT provided excellent services for this high profile job for SC Ports Authority.**

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# EVALUATION CRITERIA

## 4. Workload of the Firm



## 4. Workload

The JMT Team is available and has the capacity, technical expertise, range of services, and uniquely qualified personnel to provide Broward County with all the services required, including performing multiple assignments simultaneously. Our availability means you can expect stellar responsiveness, quality products, and projects delivered on or ahead of schedule. JMT and our subconsultants have additional backup staff in our other Florida offices if additional resources are required.

### Project Communication

**Communication with our clients is of paramount importance, and we provide several means to facilitate the efficient exchange of information.** To enhance project communication, JMT will provide the County with access to our Office 365 Sharepoint site. Office 365 will allow the County to access and deposit files of any size from any computer with internet access. This web-based system facilitates communications, reduces paperwork, increases accountability, provides users with action alerts, and is available from any web browser. The system will greatly improve the flow of information between JMT and the County, as well as other concerned parties. Access to the information is securely protected so that only authorized users are allowed. Our staff is trained and experienced in the use of this application, and we can provide training to the County for access to project information. We will manage the information flow on the project, alert members to critical decisions, and report past-due responses. This system keeps project information in one place where everyone on the project team can find it. On our past projects, all team members have appreciated this level of access to the project information and were able to have a better understanding of the project and other team members' efforts throughout the project. After only a few weeks on a sizable project, the time savings in finding and sharing project information will be significant, and the benefits of improved collaboration will be apparent.

Another frequently used tool is Skype For Business collaboration via conference call and online screen sharing. It allows for video calls as well as screen sharing and annotating of documents live between parties and allows for better interaction than traditional conference calls. It can be used successfully for parties to meet from just across town, or from out of state, and still have a meaningful collaborative experience. JMT is currently utilizing this with great success on several other projects. At the end of the day, however, there is no better communication process than face-to-face interaction, and JMT is uniquely positioned to accomplish this with the County to whatever frequency suits the evolution of the project.

Once underway, JMT maintains rigid cost control on our projects through the utilization of our in-house Project Management System to closely monitor project cost on a daily, weekly, or monthly basis. All employee timesheets are input electronically and are required to be input on a daily basis, so up-to-date project costs are available on each PM's project dashboard. Our comprehensive project reports include hours spent vs. budgeted and job costs incurred vs. budgeted.

### Project Life Cycle

- **Each project starts with a Project Charter.** This charter will identify such things as risks, quality standards and of course a communication plan. Our response to you RFQ acts as the beginning of the Project Charter, by identifying these items in detail. **David Stickles, PSM, our PM for this contract, will hold a project kick off meeting to discuss the main parameters of the overall contract.**
- **Once an individual task has been identified, David will meet with the Seaport Engineering and Facilities Maintenance Division (the Division) to discuss the formal scope of services to be provided.** He will work with our team to determine schedule, budget, human resource management and change management. He will develop a detailed scope of work document that will be submitted to the Division's PM for review prior to the formal submittal including scope, budget and schedule. The scope of services document will include the detailed scope of services discussed at the face to face meeting between JMT and the Division, a proposed timeline of activities, final deliverable expectations, and any procedural irregularities.
- **Once the scope and schedule are agreed upon by all parties, JMT will then add the cost and formalize the proposal for submittal to the Division.** However, this cost has been verbally discussed amongst both parties prior to submittal, eliminating any budgetary surprises. During the review of the scope and cost, JMT will allocate resources according to our internal Human Resource Plan. Our PM will allocate equipment resources and be prepared to start work within three (3)

days of receiving the Notice to Proceed. The Office 365 Sharepoint site will be created for the efficient exchange of data between JMT, our subconsultants and the Division.

- **Once we receive the Notice to Proceed, we move into the execution phase of the life cycle.** Our human resources including engineers, surveyors and/or technicians are all briefed on the project details, scope, budget, schedule, or procedural irregularities. Those shareholders that require notification of JMT starting work are notified in sufficient time and work begins. Our PM will monitor each day's progress closely. Our PM will also post daily progress plots onto the Office 365 Sharepoint site for review by the Division and notify the Division's PM of any delays to the schedule. If, for any reason, the Division decides to change the scope during this phase, JMT is prepared. Our PM has created a Change Management Plan and will adhere to its outlined process for dealing with changes to the scope. This will allow them to be streamlined into the scope, to avoid additional mobilizations.
- **The final deliverables will be developed according to the scope of services and submitted to the QA/QC Manager for review and adherence to Broward County standards.** Licensed engineers or surveyors will review projects prior to submittal as secondary, independent reviewers. This allows for the review of decisions according to the Florida Rules and Regulations set forth by the annotated code. After review, all changes are made and checked by the task manager in charge and the PM. Final deliverables are then packaged and sent to the Division for review or acceptance.
- Finally, **the project reaches closeout.** This allows JMT and the Division a chance to capture lessons learned on this project and apply to all future projects. **Our PM will meet with the Division to discuss their critique of our results and final deliverables.** These detailed notes will be assembled and discussed with JMT's internal team members and be readily available for future projects. At this time, the project details are archived on JMT's system in an organized fashion for speedy recovery if needed.

### Active/Completed Projects Listing

JMT, throughout the firm, has a constant workload of hundreds of projects at any time, at various stages of completion. As requested, we have included representative completed and active projects for JMT, throughout Florida, over the last five years, signifying our local experience.

Client	Project Name	Status
City of Gainesville	SE 4th Street from Depot Avenue to SR 331 (Williston Road)	Completed
City of Gainesville	SE 4th Street from Depot Avenue to SR 331 (Williston Road) City of Ga	Completed
City of Gainesville	SE 4th Street from SR 331-Amendment 8	Completed
City of Gainesville	SE 4th Street from SR 331 - Post Design Services - Amendment 9	Active
Orange County	US 441 @ Sadler Orange County	Completed
Seminole County	CR 46A from Ridgewood Avenue to Hartwell Avenue	Completed
Seminole County	CR 46A from Ridgewood Avenue to Hartwell Avenue Design	Completed
FDOT D5	SR 50 Over Econ River Bridge Replacement Design-Build	Completed
FDOT D5	CR 218 Post-Design Services	Active
FDOT D5	SR 44 and Airport Road - 3 Mast Arms Design	Completed
FDOT D5	SR 200 Widening and Reconstruction	Completed
FDOT D5	D5-ERC Support	Active
FDOT D5	Silver Springs State Park Trail Bridges FDOT TWO 6	Completed
FDOT D5	VE Study for CR 470 from CR 527 to SR 91	Completed
FDOT D5	I-4_SR 400 AT US 17-92 Lighting	Active
FDOT D5	US 27/441 & Avenida Central/Wales PL Existing Concrete Poles Signal s	Completed
FDOT D5	Barracuda Bridge Replacement	Active
FDOT D5	US 1 from SR 44/Lytle Avenue to Beville Road VE Study	Completed
FDOT D5	I-75 Interchange from NW 49th Street to end of NW 35th Street VE Stud	Active
FDOT D5	Purchase Order 1	Completed
FDOT D5	Purchase Order 2	Completed
FDOT D5	Purchase Order 3	Completed
FDOT D5	Purchase Order 4	Completed
FDOT D5	Purchase Order 5	Completed
FDOT D5	Purchase Order 8	Completed
FDOT D5	Purchase Order 9 Inspection and Entry into PITSOSP System	Completed

Client	Project Name	Status
FDOT D5	Purchase Order 10 Oviedo Operations Center with Inspection Services	Completed
FDOT D5	Purchase Order 11 191 Roadway ID sections	Completed
FDOT D5	Purchase Order 12 Brevard Operations Center with Inspection Services	Completed
FDOT D5	Purchase Order 14	Completed
FDOT D5	Purchase Order 15	Completed
FDOT D5	Purchase Order 17	Completed
FDOT D5	Oviedo Operations Center with Sign Inspection	Completed
FDOT D5	Oviedo Operations Center with Sidewalk Inspection	Completed
FDOT D5	Purchase Order 20	Completed
FDOT D5	PO 21 Assisting Kepler Operations Center with Inspection Services	Completed
FDOT D5	MRP Inspection - C5310-V3-R38	Completed
FDOT D5	EST42 - Kepler Operations	Completed
FDOT D5	EST69 - Brevard Ops - Extension	Completed
FDOT D5	EST72 - Leesburg Operations	Completed
FDOT D5	EST24 - Brevard Operations	Completed
FDOT D5	EST37 - Oviedo Operations	Completed
FDOT D5	EST36 - Oviedo Operations	Completed
FDOT D5	EDMS Scanning Services at Kepler Operations Center	Completed
FDOT D5	Desilting and lining of storm sewer pipes in Orange, Seminole	Completed
FDOT D5	EST74 US 27 Leesburg Operations Center	Completed
FDOT D5	Maintenance MRP Specialist PO37	Completed
FDOT D5	CEI Senior Inspector assisting Leesburg Operations PO40 PR90 00451	Completed
FDOT D5	Pipe Desilt and Video Inspections for Oviedo Operations	Completed
FDOT D5	Permit Coordinator Assistance	Completed
FDOT D5	SR-482 SKY LAKE CANAL BRIDGE REPAIRS	Completed
FDOT D5	Mill Resurface Various Locations in Orange and Brevard Counties	Completed
FDOT D5	Pipe Desilt Video Repairs in Various SR	Completed
FDOT D5	SR-520 EROSION CONTROL AND SHORELINE PROTECTION	Completed
FDOT D5	VOLUSIA COUNTY SR-A1A PIPE DESILT AND VIDEO	Completed
FDOT D5	Reflectivity Inspections	Completed
FDOT D5	Milling and Resurfacing Pipe Repairs Various Locations in Lake Count	Completed
FDOT D5	Drainage Improvements SR50 City of Clermont	Completed
FDOT D5	Milling and Resurfacing Various Locations in Orange County	Completed
FDOT D5	Drainage and Guardrail Improvements Mims FL	Completed
FDOT D5	SR44 Shoulders and Roadway Ditches Improvements	Completed
FDOT D5	Storm drainpipe lining and repair on SR-441	Completed
FDOT D5	Milling and Resurfacing I-95 ramps at the US-1 interchange	Completed
FDOT D5	Sink Hole repair on SR-15	Completed
FDOT D5	EDMS SCANNING SVCS FOR KEPLER OPS	Completed
FDOT D5	Milling and Resurfacing on multiple locations in Orange and Seminole	Completed
FDOT D5	US-17 and Lee Road Inlets Repairs	Completed
FDOT D5	Quarterly Lighting Inspections	Completed
FDOT D5	MRP Data Collection 3rd Period 2016	Completed
FDOT D5	RCI INSPECTIONS	Completed
FDOT D5	DS Emergency Services	Completed
FDOT D5	Drainage and Utility Permits	Completed
FDOT D5	RTMC Site Clearing	Completed
FDOT D5	MRP Data Collection 4th Period 2016	Completed
FDOT D5	Drainage Repairs	Completed
FDOT D5	Orlando Permits Insp	Completed
FDOT D5	Oviedo Lighting Insp 4th Quarter	Completed
FDOT D5	Oviedo Sign Reflectivity	Completed
FDOT D5	Oviedo Guardrail Inspections	Completed

Client	Project Name	Status
FDOT D5	Oviedo Sign Inspections	Completed
FDOT D5	SR44 SR50 SR500 Drainage Repair	Completed
FDOT D5	I95 and SR528 Wrong Way Signs Installation	Completed
FDOT D5	I4 Wrong Way Sign Installations	Completed
FDOT D5	US 17 92 Pipe Desil and Lining	Completed
FDOT D5	Brevard Operations RCI Inspector	Completed
FDOT D5	Oviedo Operations Drainage Repair	Completed
FDOT D5	Oviedo Operations Guardrail Inventory	Completed
FDOT D5	I-75 Wrong Way Signs	Completed
FDOT D5	PO 95 Brevard Operations Center	Completed
FDOT D5	Leesburg Concrete Ditch Replacement	Completed
FDOT D5	Leesburg Operations Center - Misc. Field Inspections FIN 418106-1-71-	Completed
FDOT D5	Steele Road over Penny Creek Bridge (Br No 574013)	Completed
FDOT D4	Oakland Park Blvd	Completed
FDOT D4	229396-2-62-01 CEI FOR SR786 PGA BLVD FROM SR710 TO WEST OFFLORIDA S	Completed
FDOT D4	C9605 FN 413049-2-62-01 - I 95 SR 60	Completed
FDOT D4	C9A26 FN 406151-1-62-01	Completed
FDOT D4	C9A26 406151-3-62-01 Landscape	Completed
FDOT D4	C9C50 FN 230378-5-62-01 TWO 1 Broward ops	Completed
FDOT D4	Task Work Order 3 EAC	Completed
FDOT D4	Task Work Order 4 EAC	Completed
FDOT D4	Task Work Order 5	Completed
FDOT D4	C9C50 - CEI District Construction Office Support	Completed
FDOT D4	TWO 7 - Broward Operations Center - Utility Coordination on various p	Completed
FDOT D4	C9C50 - TWO 8 - Review MOT for various projects - FM 230376-5-62-01	Completed
FDOT D4	TWO 9 - FM 230378-5-62-01	Completed
FDOT D5	CEI Group 143-SR 35 Baseline Rd	Completed
FDOT D5	South Lake Trail Phase IV	Completed
FDOT D5	HNTB GEC FDOT D5 - TWO 1	Completed
FDOT D5	HNTB GEC FDOT D5 - TWO 2	Completed
FDOT D5	HNTB GEC FDOT D5 - TWO 3	Completed
FDOT D5	TWO 4	Completed
FDOT D5	TWO 5	Completed
FDOT D5	TWO 7	Completed
FDOT D5	TWO 8	Completed
FDOT D5	TWO 9	Completed
FDOT D5	FDOT D5 GEC TWO 10	Completed
FDOT D5	FDOT D5 GEC TWO 11	Completed
FDOT D5	FDOT D5 GEC TWO 13	Completed
FDOT D5	FDOT D5 GEC	Completed
FDOT D1	SR 93 I-75 From Broward County Line to East of SR951	Completed
FDOT D1	Golden Gate Bridge Canal Crossing @ 8th St. NE from Golden Gate Blvd	Active
FDOT D1	CEI Support Continuing Services	Active
FDOT D6	SR 990 Killian Drive SW 97 Ave to US 1	Completed
FDOT D6	SR 990-Killian Parkway from West of Kendal Blvd to SW 97 Avenue	Completed
FDOT D6	SR990 Amendment	Completed
FDOT D4	Continuing CEI Consultant Construction Support	Active
FDOT D4	TWO 2	Completed
FDOT D4	C9M72 TWO 3	Active
FDOT D4	TWO 4 - Roadway Push Button, FM#- 230431-9-62-01	Active
FDOT D4	TWO 5	Completed
FDOT D4	TWO 6	Completed
FDOT D4	TWO 7	Completed

Client	Project Name	Status
FDOT D4	TWO 9	Active
FDOT D4	TWO 10 - SR-656 (17th St.) from US-1 to 17th Causeway, FM # 430593-2-	Active
FDOT D4	TWO 11 - I-95 Truck Parking Availability System Project	Active
FDOT D4	TWO 12 - Pushbutton Pavement Marking & Signing (E4S46) Project	Active
FDOT D4	TWO 13 - Signalization Pushbutton Project	Active
FDOT D4	TWO 15 - US-1 from N. of Salerno Rd. to N of SE Fischer Str.	Active
FDOT D4	TWO 16 - Milestone and Target Engineering to assist with various task	Active
FDOT D4	TWO 17 - Treasure Coast Pushbutton Roadway - inspection services - FM	Active
FDOT D4	TWO 18 - Inspection Services on 3R project along SR 60 from 38th Avenue	Completed
FDOT D4	Krome Avenue	Completed
FDOT D4	CEI Services for SR9-I95 over Gatlin Blvd and I-95 over CR 7 12 Midway	Completed
City of Parkland	TWO 1 - Hillsboro Boulevard Lighting Design	Completed
City of Parkland	TWO 2 - Trails End Lighting Design	Completed
City of Parkland	TWO 3 - Pine Island Road Lighting Design	Completed
City of Parkland	Directs & Survey - TWO 3 - Pine Island Road Survey Services	Completed
City of Parkland	TWO 4 - W. Hillsboro Boulevard Lighting Design & Survey	Completed
City of Parkland	Directs & Survey - TWO 4 - W. Hillsboro Boulevard Lighting Design	Completed
FDOT D4	Reconstruction of Midway Road from West of 25th Street to East of US	Active
FDOT D5	TWO 32 - D5 Maintenance to bridge gap between Support Contracts	Completed
FDOT D5	Oviedo Operations for Contract E5U37 - Inspection Support	Completed
FDOT	C9Q38 TWO 4 Inspection Assistance	Completed
FDOT	C9Q38 TWO 7 Inspection Assistance	Completed
FDOT D4	TWO 21 - Hollywood Blvd from City Hall Circle to Dixie Highway	Completed
FDOT D4	TWO 22 - SW 4th Ave from S. of SW 28th St. to N of SW 28th St.	Completed
FDOT D4	TWO 25 - SR-7/US-441 of /SR-870/Commercial Blvd to SR-834/Sample Rd.	Completed
FDOT D4	TWO 29 - SR-824 / Pembroke Road at Oleander Drive	Completed
FDOT D4	TWO 17 - SR-91/I-95 from Miami/Dade county line to North of Broward B	Completed
FDOT D4	TWO 34 - SR-84 / Marina Mile Blvd W of SW 15th Ave. to E of SW	Completed
FDOT D4	TWO 35 - Commodore Drive from North of SR-84 to NW 8th Street	Completed
FDOT D4	TWO 64 - SR-A1A/ S Ocean Dr. from Monroe St to Sheridan St	Completed
FDOT D4	TWO 67 - Broward County Hollywood Gardens; Sidewalk; Construction	Completed
Pinellas County Schools	Madeira Beach Fundamental School Parking Expansion	Completed
Pinellas County Schools	Countryside High School Track	Completed
FDOT	Wekiva 7B - SR 46 (WEKIVA PKWY) FROM W OF CENTER RD TO INTERSTATE 4	Completed
FDOT	Optional and Survey Services	Active
FDOT	Wekiva 7B - Post Design Services	Active
FDOT	Drayton Island Rd over St. John Bridge Replacement	Active
FDOT	Drayton Island Ferry Landings-Environmental Services	Active
City of Tampa	12th Street - Washington Street to Kennedy Boulevard	Active
Hillsborough County	Hillsborough County Misc Traffic	Active
Hillsborough County	Nature's Way Blvd Study	Completed
Hillsborough County	Carrollwood Village Traffic Study	Active
Hillsborough County	Pebble Beach Blvd Design	Active
Hillsborough County	Traffic Studies Support PO 207207498	Active
Hillsborough County	Fletcher Ave Before-After Study	Active
Hillsborough County	Gunn Hwy Studies	Active
Hillsborough County	Engineering Assistance	Active
Hillsborough County	Staff Support	Active
Hillsborough County	Street Lighting Maintenance	Active
Hillsborough County	BruceBDowns Ped Study	Active
Hillsborough County	Passing Zone Evaluations	Active
Hillsborough County	Engineering Support	Active
Hillsborough County	Fletcher Lighting	Active

Client	Project Name	Status
City of Tampa	Central and Osborne Traffic Signal Design	Completed
City of Tampa	Surveying - Central Ave at Osborne Ave Signal Improvement	Completed
City of Plant City	Sidewalk Improvements Project - Warren, Allen, and Renfro	Completed
City of Plant City	Cherry Street Ditch Lining	Completed
Hillsborough County	Hillview Court Drainage Survey	Completed
Hillsborough County	Sunnyhills Drive Drainage Survey	Active
Hillsborough County	Robin Hill Circle Drainage Survey	Completed
Hillsborough County	Channels A H G Maintenance Management Plan	Completed
Hillsborough County	Michigan Avenue Drainage Improvements Design Survey	Completed
City of Tampa	Central and Osborne Traffic Signal Design	Active
City of Tampa	Construction Phase Support Services for Water Main Replacement Project	Completed
City of Tampa	Swann Ave Parkland Estates Drainage Improvements	Completed
City of Tampa	Surveying Central Ave at Osborne Ave	Completed
FDOT D4	C9R55 - TWO 8 - SR-A1A Ocean Ridge Drainage Improvement project	Active
FDOT	SR 20 - E of SR 65 to Ochlockonee River Bridge (RRR, Liberty Co)	Active
City of Tampa	Tampa Augmentation project	Completed
City of Tampa	Construction Phase Support Services for Water Main Replacement Project	Completed
Tampa Hillsborough Expressway Authority	TWO 1 Miscellaneous Planning and Development Support 62787-DS-113	Completed
Tampa Hillsborough Expressway Authority	TWO4 Clean REL Structures Clean Up	Completed
Tampa Hillsborough Expressway Authority	TWO 5 Clean REL Structures Thermoplastic Replacement	Completed
Tampa Hillsborough Expressway Authority	TWO 7 Phase 3 (East Tampa) GIS Right of Way & Asset Management	Completed
Tampa Hillsborough Expressway Authority	TWO 8 Miscellaneous Surveys	Completed
Tampa Hillsborough Expressway Authority	LRS Expressway/FDOT Crossings	Completed
Tampa Hillsborough Expressway Authority	GIS Support (6787-DS-304)	Active
FDOT D5	US 441 (OBT) from Jones Ave to Wadsworth	Completed
FDOT D5	Post Design - SR 500 from Jones Ave to Wadsworth	Active
City of Tampa	Swann Ave - Parkland Estates Drainage Improvements	Completed
Tampa Hillsborough Expressway Authority	Comprehensive Downtown Channelside Traffic Study Analysis	Completed
Tampa Hillsborough Expressway Authority	THEA Property Ownership Review	Completed
Tampa Hillsborough Expressway Authority	Selmon Expy Data Collection	Completed
Tampa Hillsborough Expressway Authority	Hyde Park Neighborhood Gateways	Active
Tampa Hillsborough Expressway Authority	Selmon Expressway-Palma Ceia Dog Park	Active
Hillsborough County	SCADA Group 6	Completed
Hillsborough County	SCADA Group 8 MUPS	Completed
FDOT D4	CEI Svcs for SR710 Beeline Highway from W of Australian Aveto Old Dix	Completed
FDOT D4	District Wide CEI Services	Completed
Hillsborough County	Northwest Regional Water Reclamation Facility Expansion	Completed
Hillsborough County	University Area Community Library	Completed
Lee County	Summerlin Rd Lighting Studies	Completed
FDOT D1	US 17 FROM S OF WEST 9TH ST TO NORTH OF WEST 3RD STREET	Completed
FDOT D5	Continuing Services to provide Inspection Staff to Orlando Construction	Completed

Client	Project Name	Status
FDOT D5	South Sumter Trail from Withlacoochee State Trail to James AVan Fleet	Active
FDOT D5	SR 417 Bridge over SR 528 Preservation	Active
USPS	USPS Arcadia Main Office	Completed
USPS	USPS Sarasota Main Office	Completed
FDOT D4	SR 5 NORTH OF GEORGE BUSH BLVD TO NORTH OF MURANO	Active
FDOT D4	Post Design Services- FM#437834-1-62-02	Active
FDOT D7	Safety Research	Completed
FDOT D3	I-10 Safety Assessment Study	Completed
FDOT D3	I-10 at I-110 Safety Assessment Study	Completed
FDOT D3	HSIP Support	Completed
FDOT D3	2019 HSIP Support	Completed
FDOT D3	I-10 at CR 191	Completed
FDOT D3	Cervantes St Signal Warrants	Active
FDOT D3	Districtwide Traffic Safety Studies Consultant Services	Active
Hillsborough County	Cypress Creek and Doby Elementary School Sidewalk -SSCE	Active
Hillsborough County	Sidewalk Project Field Evaluations and Project Feasibility	Active
Hillsborough County	Boyette Road	Completed
Hillsborough County	Lula Street	Completed
Hillsborough County	Lithia Springs Road	Completed
Hillsborough County	Bay to Bay	Completed
Hillsborough County	Armenia at Barclay Intersection Improvements	Active
Hillsborough County	US 41 at Sunset Lane Intersection Improvements	Active
Hillsborough County	Park Rd at Jim Johnson Rd Intersection Improvements	Active
Hillsborough County	US 301 at Riverview Drive PER	Completed
Hillsborough County	US 301 at Riverview Drive Design	Completed
Hillsborough County	Miller Rd at Lithia Pinecrest Intersection Improvements	Active
Hillsborough County	Big Bend at Heritage Green	Active
Hillsborough County	Big Bend at Summerfield Crossing	Active
Hillsborough County	US 92 at Gallagher Rd Intersection Improvements	Active
Hillsborough County	Palm River Road Resurfacing	Active
Hillsborough County	Jim Johnson Road Resurfacing	Active
Hillsborough County	Nature's Way Improvements	Active
Hillsborough County	Big Bend at Heritage Greens Intersection Improvements	Active
Hillsborough County	Boyette Road PER Surveying Services	Completed
Hillsborough County	Armenia at Barclay Intersection Improvements-Survey	Active
Hillsborough County	US 41 at Sunset Lane Intersection Improvements	Active
FDOT D4	CEI Services for I-95 from C-18 canal, PBC to north of CR-70 8 Bridge	Active
Florida's Turnpike Ent.	CEI Services for Resurfacing and Roadside Improvements	Completed
Palm Beach County	Northlake Blvd and Military Trail Intersection Improvements CEI	Active
Tampa Bay Water	South Hillsborough County Route Study	Active
FDOT D5	SR 40 CORRIDOR FROM US 441 TO NE 8TH AVENUE	Active
FDOT D7	GEC Production Support 2015	Active
Dept. of VA	Haley VA Campus Pedestrian Traffic Plan	Completed
FDOT D2	Task 6 and 7 Columbia County S and PM	Completed
FDOT D2	Task 4 and 5 Madison County S and PM	Completed
FDOT D2	Sidewalks at Archer Community School	Completed
FDOT D2	Sidewalks in Mayo	Completed
FDOT D2	D2 SR 228 (Normandy Blvd at Chaffee Rd)	Completed
FDOT D1	SR 64 Olivia Drive	Completed
FDOT D7	D7 Henry Canal to Himes Avenue	Active
FDOT D7	USB 41 SR 685 N Florida from S of Sligh	Completed
FDOT D3	SR 10 from Choctawhatchee River Bridge	Completed
FDOT D2	Mill and Resurface SR 15 (US 1) 2015	Completed

Client	Project Name	Status
Hillsborough County	Holloway Road Drainage Improvements	Completed
Hillsborough County	Double Branch Creek Bypass Conveyance System	Active
Hillsborough County	TTF3a Bryan Rd & Brooker Rd PO 215210073	Completed
Hillsborough County	Dana Shores Utility Undergrounding	Active
Hillsborough County	Bloomingtondale and Culbreath Final Design	Completed
Hillsborough County	Little Bullfrog Creek ACOE Permitting	Active
Hillsborough County	Hillsborough County Sidewalk and Intersection Master Plan Updates	Active
Hillsborough County	Hazard Mitigation Program Assistance - Bullfrog Creek Watershed MT-2	Active
Hillsborough County	West Shore Blvd (Kennedy Blvd to Boy Scout Rd) Survey	Completed
Hillsborough County	Avista Water Main Replacement	Completed
City of Tampa	Phase 3 Drew Park CRA Stormwater Improvements -	Completed
City of Tampa	Phase 4 Drew Park Streetscape	Active
FDOT D7	Misc Survey Assignments	Completed
FDOT D7	I-75-SR 93 On-Ramp from EB-WB I-4 to South of	Completed
Florida's Turnpike Ent.	FTE Construction GEC 2014 WO 1	Completed
Pinellas County	Waste to Energy and 110th Avenue N	Completed
Pinellas County	Pinellas Trail - 54th Ave Drainage	Completed
FDOT D7	SR 50 Bypass from Buck Hope to Jefferson-Amendment 1	Completed
Rizzetta and Company	Diamond Hill Community Development District (CDD)	Active
Inframark Infrastructure	Lexington Oaks Community Development District (CDD) Engineering Support	Active
Inframark Infrastructure	Heritage Springs Community Development District (CDD) GEC Services	Active
City of Lakeland	US 92 at Wabash Ave	Active
Rizzetta and Company	Harbour Isles Community Development District (CDD) District Engineer	Active
Hillsborough County	Hillsborough County Environmental Lab	Completed
FDOT D7	Severe Crash Location Reviews	Active
FDOT D7	Pasco Bicycle Safety Action Plan	Active
FDOT D7	Pedestrian Crossing Studies	Active
FDOT D7	Construction Cost Estimates and Conceptual Plans	Active
FDOT D7	Safety Studies	Active
FDOT D7	MLK at N 26th Street	Active
FDOT D5	Hurricane Restoration - Damage Assessment & Debris Removal Monitoring	Completed
FDOT D4	TWO 1 - SR 5/US 1/Roosevelt Bridge Re-striping from SW Joan Jefferson	Active
FDOT D4	TWO 2 - Various Projects, In-house Project Management	Active
FDOT D4	TWO 5 - Post Design Services for SR-811/NE 4th Avenue (Dixie Hwy)	Active
FDOT D4	TWO 14 - In-house Project Manager for Section 6, FM# 432667-4-32-01	Active
FDOT D4	Pre-Event Natural Disaster Monitoring / Construction Engineering	Completed
FDOT D4	Loxahatchee Rd. from Arthur Marshall Loxahatchee Refuge to SR 7/US-44	Active
FDOT	Brevard Operations Office - Inspection and RCI Services - Various Roads	Active
FDOT	Brevard Operations Office - Inspection Services on Various Roadway	Active
FDOT	MRP / Field Inspection Support for District Maintenance	Active
FDOT	Orlando Operations Center - in-house Support for various Maintenance	Active
FDOT	Oviedo Operations Center - Perform CEI/Inspection services for Contra	Active
FDOT	Leesburg Operations - Inspection Services for General Permits, Maintenance	Active
FDOT	Leesburg Operations Permits	Active
FDOT	Brevard Operations Center - Field Inspection Services	Active
FDOT	Orlando Operations Center - Permit Inspections Through Various State	Active
FDOT D5	CEI Group 162 - TWO #5	Active
FDOT D5	CR 405 / NASA Parkway from US 1 to Space Commerce Way PD&E	Completed
Seminole County	Orange Blvd (CR 431) Safety Improvements Task WO1	Completed
Seminole County	Orange Blvd (CR 431) Safety Improvements WO2 (Phase II)	Active
Inframark Infrastructure	South Fork Community Development District (CDD)	Active
Florida's Turnpike Ent.	Turnpike Mainline - Direct Connect Ramps and Resurface Turnpike Main	Active
FDOT D3	SR 10 from Palafox St to Chemstrand Rd	Active

Client	Project Name	Status
FDOT D6	SR 826/Sunny Isles Blvd from NE 35 Ave. to SR-A1A / Collins	Active
FDOT D7	SR 60/Kennedy Blvd from Westshore Blvd to Henderson Blvd	Completed
FDOT D1	CEI Continuing Services - Fort Myers Op Center	Active
City of Tampa	Smart Mobility Engineering Services	Active
University Area Community Devel. Corp.	Harvest Hope Park Civil Engineering Services	Active
FDOT D1	SR 15 (US-441) from S. of NE 304th Street to Osceola	Active
Katz Capital	Holly Court I & II City Water Connection-Add Services	Completed
Central Florida Expressway Authority	SR 408/I-4 Ultimate Interchange (Project # 408312B) & SR 52	Active
City of Port St. Lucie	CEI Services for the McCarty Ranch Water Quality Restoration Project	Active
Hillsborough County	Duck Pond Watershed Update	Active
FDOT D3	SR 20 (Pensacola St) from Appleyard Dr to Stadium Dr	Active
Flagler County	Design & Permitting of Water Oak Road Improvements and Old Haw Creek	Active
FDOT D4	CEI Services for SR 706 Indiantown	Active
FDOT D4	CEI Svcs for SR732/Jensen Beach from SR5 to Savannah Rd and A1A	Active
Tampa Hillsborough Expressway Authority	19th Street Trailhead @ Selmon Greenway Connector Professional Design	Active
Hillsborough County	Himes at Idlewild Intersection Improvements	Active
Hillsborough County	Bearss/Zambito and Ehrlich/Hutchison Intersection Improvements	Active
Hillsborough County	Busch/Himes and Himes/Waters Intersection Improvements	Active
Hillsborough County	Bearss at Florida Intersection Improvements	Active
Hillsborough County	Westshore Boulevard Complete Street Improvements West Kennedy Boulevard	Active
Hillsborough County	Peak/Volume Sensitive GIS Data Base Development and Floodplain Delineations	Active
Inframark Infrastructure	Oak Creek Community Development District (CDD)	Active
Pinellas County Schools	PTEC "No Name Creek" Restoration Project	Active
Inframark Infrastructure	Spring Ridge Community Development District (CDD)	Active
Rizzetta and Company	Bridgewater of Wesley Chapel Community Development District (CDD)	Active
Meritus Communities	River Bend Community Development District (CDD)	Active
Lake Forest Master Community Association	Lake Forest Boulevard Widening at SR 46	Active
Rizzetta and Company	Fishhawk Ranch Community Development District (CDD)	Active

# EVALUATION CRITERIA

## 5. Location



## 5. Location

### JMT is Local

The primary office location is located at 2400 East Commercial Boulevard, Suite 800, Fort Lauderdale, Florida, (Broward County) and all work under this contract will be performed at this location. Our field staff carry the latest technology in their vehicles to allow them to communicate with the office without physically being there. We understand the need for the project team to be accessible and ready for unexpected needs whenever and wherever they may arise. Our team is comprised of individuals who live and work within the state of Florida, so you can be assured that we will always act in the Town's best interest. Our communication systems and professional relationships provide the foundation for outstanding responsiveness to your needs. Our team will perform 100% of the work on this contract.



**David Stickle, PSM, our Project Manager**, will lead the contract from this location. He has provided project leadership on numerous projects where he was responsible for task scheduling, assignment of unit resources, budget review/adherence, quality assurance, and coordination of staff activities. He will ensure that you are our most important client. He understands the Town's requirements and is fully committed to providing innovative, efficient, and cost-saving project approaches exceeding schedule expectations. **David will be your single point of contact** and will dedicate 100% of his available time to this contract. David has worked for JMT his entire career – dating back to 1987 – and he has primarily focused on task order contracts, managing well over 20 million dollars in task orders in his career. He excels in project organization and communication.

Our Broward County Business Tax License is on the following page.

**BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT**

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000  
VALID OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2019

**DBA:** DAVID KEITH STICKLES  
**Business Name:** DAVID KEITH STICKLES

**Receipt #:** 319-553  
**Business Type:** ALL OTHERS (SURVEYOR/MAPPER)

**Owner Name:** JOHNSON MIRMIRAN & THOMPSON INC  
**Business Location:** 2400 E COMMERCIAL BLVD STE 80 FT LAUDERDALE  
**Business Phone:** 954-492-9921  
**Business Opened:** 04/28/2000  
**State/County/Cert/Reg:** LS7201  
**Exemption Code:**

Rooms                      Seats                      Employees                      Machines                      Professionals  
5

Tax Amount	For Vending Business Only			Vending Type:		Total Paid
	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	
30.00	3.00	0.00	6.00	0.00	25.00	64.00

**THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**

**THIS BECOMES A TAX RECEIPT  
WHEN VALIDATED**

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

**Mailing Address:**

SHANNON KNOX C/O JOHN MIRMIRAN & T.  
40 WIGHT AVE  
HUNT VALLEY, MD 21030

Receipt #WWW-18-00098688  
Paid 12/14/2018 3.00

**2018 - 2019**

**BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT**

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000  
VALID OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2019

**DBA:** DAVID KEITH STICKLES  
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**Exemption Code:**

Rooms                      Seats                      Employees                      Machines                      Professionals  
5

Signature	For Vending Business Only			Vending Type:		Total Paid
	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	
	3.00	0.00	6.00	0.00	25.00	64.00

Receipt #WWW-18-00098688  
Paid 12/14/2018 3.00

# EVALUATION CRITERIA

## 6. Willingness to Meet Time and Budget Requirements



## 6. Willingness to Meet Time and Budget Requirements

### Understanding and Approach to Schedule & Budget

**The JMT team is committed to meet and exceed the County's schedule and budget requirements, whether our project budget is \$5,000 or \$500,000.** Astute, prudent management of financial and human resources are among our core business values. We routinely beat project schedules through a targeted, well-orchestrated effort of the entire team, including County staff. The depth of our team, as shown on our organization chart, gives us the ability to add considerable resources to meet any schedule and to handle multiple assignments simultaneously, as we have proven on numerous task oriented general services contracts. JMT and our subconsultants have approximately **100 staff in Broward County, with additional backup staff in our other Florida offices.** Having all of the services in-house, including critical services such as surveying and construction management, affords us the flexibility to **fast-track** projects and work on **multiple tasks concurrently.** This results in shorter schedules and direct cost savings. **Our in-house staff can perform every discipline mentioned in the RFQ, giving us redundancy in covering the full scope of services anticipated under this contract.**

JMT will maintain meticulous control of each project schedule using the Critical Path Method and **Microsoft Project**, illustrated in Gantt Chart format. Each assignment's schedule is broken down into appropriate tasks, aligned with the project's work breakdown structure, and is updated monthly to depict actual progress and is reviewed at each project team meeting.

Our project manager, **David Stickle, PSM**, has been formally trained in project management, and we have available tools for him to use to effectively manage any project through effective scheduling, budgeting, and quality control. He will develop a detailed **Project Work Plan** for each assignment that describes the scope and deliverables and details the schedule, milestones, work breakdown structure, task assignments, and Quality Control Plan, including specific responsibilities for each key team member.

### Improvements for Cost Savings

**Our team has a strong history of successfully completing projects under budget.** Frequent **value engineering** and costing at early design stages allow close control of the variables that affect schedules and costs. More importantly, it allows us to present you, our client, with options at an early point in the process, where modifications can be made in a timely and cost-effective fashion. Design schedules that identify milestones for submissions and decision-making are critical in keeping the whole team on track, and we assume reasonable response times from the client and other stakeholders. Documents for preliminary costing will be developed at each of the key milestones, so decisions based on both budget and design can be made at the same time. Adhering to schedules and budgets ultimately helps everyone's bottom line. It is always in our best interest to bring all projects in on time and within budget.

Keeping in mind the County's budget for each assignment, we will develop an appropriate scope to satisfy the budget constraints. Once underway, JMT maintains rigid cost control on our projects through the utilization of our in-house Project Management System to closely monitor project cost on a daily, weekly, or monthly basis. All employee timesheets are input electronically and are required to be input on a daily basis, so up-to-date project costs are available on each PM's project dashboard. Our comprehensive project reports include hours spent vs. budgeted and job costs incurred vs. budgeted.

JMT has worked closely with contractors during construction to identify ways to improve plans and specifications for future projects. This "lessons learned" approach enables our designers to quickly eliminate infeasible alternatives and focus design resources on developing effective, constructible, and economical designs that give contractors clear direction on design intent. Also, our **in-house construction management professionals** routinely review our deliverables for constructability and biddability. These benefits are evident when our construction documents go to bid. Our bid packages have consistently had contractor-winning bids within 5% of our construction cost estimate. JMT takes great pride in these successes. Among the keys to our success are the following principles:

- Cost estimation reviews should occur early during the design of deliverables to allow for maximum control of all variables that could affect the schedules and costs.
- Project tracking occurs through the identification of milestones for submissions and decisions. These milestones serve to

keep all team members and the County informed and to assure consistent delivery of scheduled deliverables.

- Milestones also assist in staying within budget, a priority for the team.
- Constructability/biddability reviews and **value engineering** are common practice within JMT, resulting in improved quality of deliverables and enhanced **cost savings**.

### Improvements for Project Delivery

The success of any project depends on utilizing the right personnel – those who possess the needed technical knowledge, successful project experience and collaboration skills. Once notified of an assignment and based on the type and scope of work, Mr. Stickles will assemble **the right project team** in terms of team size, expertise, and availability, with the objective of keeping the team as small as possible to meet the schedule and keeping the team intact throughout the entire project, including construction. He will follow these **guidelines for a successful project**:

- Identify the right team to efficiently deliver each assignment.
- Develop a well-defined scope.
- Keep the same people on the project team from design through construction.
- Conduct monthly team meetings, with more frequency as needed.
- Proactively anticipate potential schedule or budget challenges and resolve them in advance.

JMT's **Project Collaboration Portal** keeps all project information in one place where everyone on the project team can find it. With our Project Collaboration Portal:

- Management can more effectively review a project status.
- Staff knows who is responsible for each task and what decisions have been made and why.
- Clients can see what is happening on their projects.
- Appropriate quality assurance checklists can be packaged into the project at setup.
- Links to appropriate standards, codes, and reference materials can also be built into project templates.
- A mandatory progress review process and checkpoints can be built into the project templates.
- The Project Manager can maintain an ongoing project status checklist and store all essential project planning documents.
- The project site contains a record of all documents, task assignments, issue tracking, and email correspondence.
- The firm can build upon our project experience by incorporating it into a project template for the next project.

# EVALUATION CRITERIA

## 7. Volume of Previous Work



# Volume of Work Form


JMT has not worked with Broward County within the past five years.

# Other Required Documentation




# Licenses and Insurance Certificates

## Professional Licenses and Certifications



Ron DeSantis, Governor



**STATE OF FLORIDA**

**BOARD OF PROFESSIONAL ENGINEERS**


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

**JOHNSON MIRMIRAN & THOMPSON, INC.**  
615 CRESCENT EXECUTIVE COURT  
SUITE 106  
LAKE MARY FL 32746

**LICENSE NUMBER: CA5917**


**EXPIRATION DATE: FEBRUARY 28, 2021**

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



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

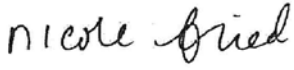


Florida Department of Agriculture and Consumer Services  
Division of Consumer Services  
Board of Professional Surveyors and Mappers  
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB8146**  
Expiration Date February 28, 2021

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

JOHNSON, MIRMIRAN & THOMPSON, INC  
2400 E COMMERCIAL BLVD STE 800  
FORT LAUDERDALE, FL 33308-4004



NICOLE "NIKKI" FRIED  
COMMISSIONER OF AGRICULTURE

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

### BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

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

VALID OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2019

**DBA:** DAVID KEITH STICKLES  
**Business Name:**

**Receipt #:** 319-553  
**Business Type:** ALL OTHERS (SURVEYOR/MAPPER)

**Owner Name:** JOHNSON MIRMIRAN & THOMPSON INC  
**Business Location:** 2400 E COMMERCIAL BLVD STE 80 FT LAUDERDALE  
**Business Phone:** 954-492-9921

**Business Opened:** 04/28/2000  
**State/County/Cert/Reg:** LS7201  
**Exemption Code:**

Rooms                      Seats                      Employees                      Machines                      Professionals  
5

For Vending Business Only						
Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	3.00	0.00	6.00	0.00	25.00	64.00

**THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**

**THIS BECOMES A TAX RECEIPT**

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**WHEN VALIDATED**

**Mailing Address:**

SHANNON KNOX C/O JOHN MIRMIRAN & T.  
40 WIGHT AVE  
HUNT VALLEY, MD 21030

Receipt #WWW-18-00098688  
Paid 12/14/2018 3.00

### 2018 - 2019

### BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

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

VALID OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2019

**DBA:** DAVID KEITH STICKLES  
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**Exemption Code:**

Rooms                      Seats                      Employees                      Machines                      Professionals  
5

For Vending Business Only						
Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	3.00	0.00	6.00	0.00	25.00	64.00

Receipt #WWW-18-00098688  
Paid 12/14/2018 3.00

# *State of Florida Department of State*

I certify from the records of this office that JOHNSON, MIRMIRAN & THOMPSON, INC. is a Maryland corporation authorized to transact business in the State of Florida, qualified on March 7, 1985.

The document number of this corporation is P05237.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on April 25, 2019, and that its status is active.

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

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the First day of July, 2019*

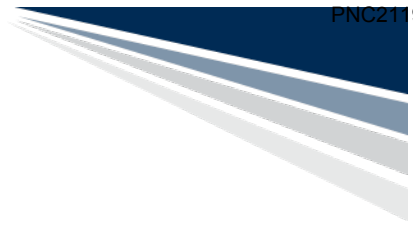


*Ronald R. Be...*  
**Secretary of State**

Tracking Number: 0731421179CU

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



Ron DeSantis, Governor Halsey Beshears, Secretary


**Florida**  
**dbpr**

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

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

**CUMMINS CEDERBERG, INC.**  
7550 RED ROAD  
SUITE 217  
SOUTH MIAMI FL 33143

**LICENSE NUMBER: CA29062**  
**EXPIRATION DATE: FEBRUARY 28, 2021**  
Always verify licenses online at MyFloridaLicense.com

 Do not alter this document in any f  
This is your license. It is unlawful for anyone other than the l

***State of Florida***  
***Department of State***


I certify from the records of this office that CUMMINS CEDERBERG, INC. is a corporation organized under the laws of the State of Florida, filed on March 16, 2010, effective March 17, 2010.

The document number of this corporation is P10000023540.


I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on January 9, 2019, and that its status is active.

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

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capitol, this  
the Ninth day of January, 2019*


  
*A. Beshears*  
**Secretary of State**

Tracking Number: 0890632869CC  
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.  
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



Ron DeSantis, Governor

Halsey Beshears, Secretary




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

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

**DELTA G CONSULTING ENGINEERS, INC.**  
 707 N.E. 3RD AVENUE  
 SUITE#200  
 FORT LAUDERDALE FL 33304

**LICENSE NUMBER: CA9181**  
**EXPIRATION DATE: FEBRUARY 28, 2021**  
 Always verify licenses online at MyFloridaLicense.com



Do not alter  
 This is your license. It is unlawful for

***State of Florida***  
***Department of State***

I certify from the records of this office that DELTA G - CONSULTING ENGINEERS, INC. is a corporation organized under the laws of the State of Florida, filed on October 5, 1992.

The document number of this corporation is V69412.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on January 3, 2019, and that its status is active.

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

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



*Ken DeJong*  
 Secretary of State

Tracking Number: CC1032226527

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

Ron DeSantis, Governor

Halsey Beshears, Secretary

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

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

**FLORIDA ENGINEERING & TESTING, INC.**  
250 SW 13TH AVENUE  
POMPANO BEACH FL 33069

**LICENSE NUMBER: CA6923**

**EXPIRATION DATE: FEBRUARY 28, 2021**

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

This is y

**BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT**  
115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000  
**VALID OCTOBER 1, 2018 THROUGH SEPTEMBER 30, 2019**

**DBA:** FLORIDA ENGINEERING & TESTING INC  
**Business Name:**

**Receipt #:** 315-622  
ENGINEER (ENGINEER)  
**Business Type:**

**Owner Name:** YU CHIH CHANG  
**Business Location:** 250 SW 13 AVE  
POMPANO BEACH  
**Business Phone:** 954-781-6889

**Business Opened:** 07/01/2002  
**State/County/Cert/Reg:** 6923  
**Exemption Code:**

Rooms	Seats	Employees	Machines	Professionals
		1		

For Vending Business Only				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

**THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**


**THIS BECOMES A TAX RECEIPT**  
**WHEN VALIDATED**

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**Mailing Address:**  
YU CHIH CHANG  
250 SW 13 AVE  
POMPANO BEACH, FL 33069


**Receipt #05A-17-00008993**  
**Paid 07/10/2018 30.00**

**2018 - 2019**



Ron DeSantis, Governor

Halsey Beshears, Secretary




**STATE OF FLORIDA**  
**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**  
**BOARD OF ARCHITECTURE & INTERIOR DESIGN**


THE ARCHITECT CORPORATION HEREIN IS CERTIFIED UNDER THE  
PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

**GURRI MATUTE, P.A.**  
5001 SW 74TH COURT SUITE 208  
MIAMI FL 33155

**LICENSE NUMBER: AA0003454**  
**EXPIRATION DATE: FEBRUARY 28, 2021**  
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Ron DeSantis, Governor

Halsey Beshears, Secretary




**STATE OF FLORIDA**  
**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**  
**BOARD OF ARCHITECTURE & INTERIOR DESIGN**

THE INTERIOR DESIGN CORPORATION HEREIN IS CERTIFIED UNDER THE  
PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

**GURRI MATUTE, P.A.**  
5001 SW 74TH COURT  
SUITE 208  
MIAMI FL 33155

**LICENSE NUMBER: IB0001241**  
**EXPIRATION DATE: FEBRUARY 28, 2021**  
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RON DESANTIS, GOVERNOR



HALSEY BESHEARS, SECRETARY

**STATE OF FLORIDA**  
**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**  
**BOARD OF LANDSCAPE ARCHITECTURE**

<b>LICENSE NUMBER</b>	
LC26000634	

The LANDSCAPE ARCHITECT BUSINESS  
Named below HAS REGISTERED  
Under the provisions of Chapter 481 FS.  
Expiration date: NOV 30, 2019

KCI TECHNOLOGIES INC  
936 RIDGEBROOK ROAD  
SPARKS MD 21152



ISSUED: 01/30/2019      DISPLAY AS REQUIRED BY LAW      SEQ # L1901300000888

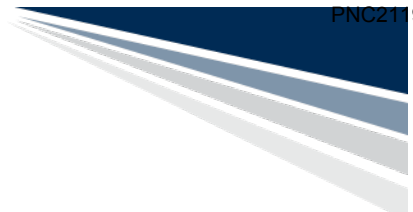




# Agreement Exception Form

## Summary of Exceptions

Article	Alternate Language	Justification for change
4	Strike " <i>Liquidated Damages</i> "	Liquidated damages are uninsurable and may defeat the client's ability to recover against us if the carrier is likely to contest the coverage of the "damages".
4.5	In the event Contractors fails to substantially complete the Project on or before the substantial completion date specified in its agreement with the County, and the failure to substantially complete is <b>directly</b> caused by the negligence of the Consultant, then Consultant shall pay to County is proportional share of any claim for damages arising out of the delay. This section shall not affect the indemnification rights or obligations of either party otherwise set forth in this Agreement.	Same justification as 4
7	Strike " <i>Warranties</i> "	We recommend the word "Warranties" and the word "warrants" throughout this section be struck to avoid conflicts and coverage limitations of professional liability insurance.
7.7	Strike " <i>Warranty of Performance</i> " and replace with "Standard of Care".  Add this to the first sentence in 7.7... <i>Consultant will perform the Services in a manner consistent with the skill and care ordinarily exercised by similarly situated professionals under similar circumstances.</i>  <i>After the word "Agreement", add "in accordance with this Standard of Care"</i>  Delete the word " <i>warrants</i> "	Same justification as 7
7.9	Delete " <i>and warranties</i> "	Same justification as 7
9.2	After last word "article", add " <i>with the exception of Professional Liability and Workman's Compensation policies.</i> "	Policy does not allow additional insureds on their policies. These policies pay on behalf of the insured in the event of the insured's negligence/ employee injuries in the rendering of those professional services.



9.4	Strike " <i>or modification</i> "	Typical insurances provides 30 days prior to notice only in the case of cancellation or non-renewal.
11.2 & 11.3	Add " <b>Subject to payment of all amounts due</b> " as opening sentence.	Total amounts to be paid before ownership
11.8	Strike the last sentence that begins with "To the extent"	
11.27	Add the following as the last sentence... <b>"Consultant shall not be responsible or liable for any reuse or modifications of Consultant's deliverables or documents without the express written consent of Consultant, and County shall indemnify and hold Consultant harmless from any claims related thereto."</b>	

# Litigation History Form - Exceptions

## Summary of Claims and Litigation

From time to time, JMT has been involved in mediation and/or litigation arising from the normal course of its business as an A/E consulting firm. While such claims arise from or generally relate to JMT's business and/or projects, it should be noted that JMT carries a comprehensive insurance program, and none of the claims will impair or adversely affect JMT's ability, if selected, to fulfill its contractual obligations. JMT's pending litigation and history for the past three (3) years includes the following matters:

### Active/Pending Matters

**Traffic Accident:** In June 2018, a driver of a vehicle brought suit against JMT for injuries sustained in a 2016 motor vehicle accident that occurred in the vicinity of a water-main replacement construction project in the city of Tampa, Florida. Plaintiffs allege that a pile of dirt and construction materials on the project obstructed her view of oncoming traffic at the roadway intersection. JMT was a consultant performing Construction Engineering Inspection (CEI) for the City. As the CEI, JMT was not responsible for means and methods of construction or overall project site safety, and JMT played no role in placing the dirt pile or staging any construction materials or equipment which would have been the responsibility of the construction contractor. This claim is in the discovery stage and has been stayed pending further investigation. *Herbrina Johnson, et. al v. Johnson, Mirmiran & Thompson, Inc.*, 13<sup>th</sup> Judicial Cir. Ct. Hillsborough Co, FL, Case No. 18-CA-00582.

**Traffic Accident:** In January 2018, the estates of a driver and passenger involved in a fatal automobile accident on I-95 filed a claim against the Florida Dept. of Transportation (FDOT) and multiple other parties, including JMT and other FDOT consultants/contractors, as the accident occurred in the vicinity of a construction zone. A truck crossed the median into the opposite directional lanes, and struck two oncoming vehicles resulting in multiple fatalities. JMT was a consultant performing Construction Engineering Inspection for FDOT. As the CEI, JMT was not responsible for means and methods of construction or overall project site safety. This claim is in the discovery stage. *Estate of Odom v. Florida Dept. of Transp., et al.*, 19<sup>th</sup> Judicial Cir. Ct. Indian River Co, FL, Case No. 312017CA000881.

### History/Closed Matters

**Contractor Accident:** In February 2016, the estate of a construction worker who was fatally struck by a sweeper truck while working in a construction zone on the New Jersey Turnpike. The suit named multiple parties including the NJ Turnpike Authority, NJ Dept. of Transportation, NJ State Police, the driver, owner and manufacturer of the sweeper truck, as well as multiple other parties having a role in the project, seeking unspecified damages. JMT was a subcontractor providing inspection services on the project, but had no responsibility for the contractor's means, methods or safety. JMT has been granted summary judgment and dismissed from this claim without any contribution; subject to appeals by plaintiff. *Estate of Mike Alexander v. Northeast Sweepers, et.al.*, Super. Ct. of NJ, No. ESX-L-7229-14.

**Contractor Claim:** In May 2017, a construction contractor filed a claim against several consultants, including JMT, related to a design-build project for the Ohio Department of Transportation (ODOT) alleging that certain components of the project, including signage, failed to meet ODOT requirements and had to be reinstalled. The design and signage were approved and accepted prior to construction. This case was resolved through mediation and settled, since settlement was more efficient and economical and a better result than funding the cost of continued litigation and appeals. *Complete General Construction Co. v. Barr & Prevost Inc, et al.*, Franklin Co. Common Pleas Ct., OH, Case No. 17CV054176.

**Contractor Claim:** A subcontractor filed a claim against a construction Contractor for costs incurred in a tunnel rehabilitation project with the Delaware River Port Authority, after the Contractor's contract with DRPA was terminated in January 2016. In October 2016, after failed negotiations with the Contractor, the subcontractor filed suit against the Contractor, its surety, and JMT, on the basis that that certain work was performed at the direction of JMT's staff and on behalf of the owner. JMT performed construction monitoring services under a separate contract with the DRPA, but had no direct contract with the Contractor or Subcontractor and was not responsible for their means and methods of construction. This case was resolved and settled, since settlement was more efficient and economical and a better result than funding the cost of continued litigation and appeals. *Torrado Construction Co. v. South State, Inc., et. al*, U.S. Dist. Ct. E.D. PA, Case No. 2:16-CV-06066.

**Marina Claim:** In April 2016, a marina owner filed suit against the Delaware Dept. of Transportation (DelDOT), Dept of Natural Resources & Environmental Control (DNREC), JMT and other parties, seeking unspecified damages, abatement of nuisance and continuing trespass arising from the construction of a nearby paved trail that runs along the C&D Canal. The plaintiff alleged that the construction of the trail caused increased sediment, dirt and mud to flow into the canal and material deposits reduced water depths, rendering multiple slips unusable at the marina. JMT provided design services, but did not have construction or maintenance responsibility for the trail. JMT was dismissed from this matter in 2016 without any contribution. Summit North Marina, LLC v. Delaware Dept. of Transportation, et. al., Super. Ct. of DE, Case No. S16C-04-014 RFS

# Subconsultant Form

**Subcontracted Firm's Name:** KCI Technologies Inc.

**Subcontracted Firm's Address:** 6500 North Andrews Avenue, Fort Lauderdale, FL, 33309

**Subcontracted Firm's Telephone Number:** 954-776-1616

**Contacted Person's Name and Position:** Kirk Hoosac, RLA

**Contacted Person's Email Address:** Kirk.Hoosac@kci.com

**Estimated Subcontract/Supplies Contract Amount:** n/a

**Type of Work/Supplies provided:** Landscape Architecture

Supplier: **Johnson, Mirmiran & Thompson**

**Standard Instructions to Vendors  
Request for Proposals, Request for Qualifications, or Request for Letters of Interest**

Vendors are instructed to read and follow the instructions carefully, as any misinterpretation or failure to comply with instructions may lead to a Vendor's submittal being rejected.

**Vendor MUST submit its solicitation response electronically and MUST confirm its submittal in order for the County to receive a valid response through BidSync. Refer to the [Purchasing Division website](#) or contact BidSync for submittal instructions.**

**A. Responsiveness Criteria:**

In accordance with Broward County Procurement Code Section 21.8.b.65, a Responsive Bidder [Vendor] means a person who has submitted a proposal which conforms in all material respects to a solicitation. The solicitation submittal of a responsive Vendor must be submitted on the required forms, which contain all required information, signatures, notarizations, insurance, bonding, security, or other mandated requirements required by the solicitation documents to be submitted at the time of proposal opening.

Failure to provide the information required below at the time of submittal opening may result in a recommendation Vendor is non-responsive by the Director of Purchasing. The Selection or Evaluation Committee will determine whether the firm is responsive to the requirements specified herein. The County reserves the right to waive minor technicalities or irregularities as is in the best interest of the County in accordance with Section 21.30.f.1(c) of the Broward County Procurement Code.

Below are standard responsiveness criteria; refer to **Special Instructions to Vendors**, for Additional Responsiveness Criteria requirement(s).

**1. Lobbyist Registration Requirement Certification**

Refer to **Lobbyist Registration Requirement Certification**. The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

**2. Addenda**

The County reserves the right to amend this solicitation prior to the due date. Any change(s) to this solicitation will be conveyed through the written addenda process. Only written addenda will be binding. If a "must" addendum is issued, Vendor must follow instructions and submit required information, forms, or acknowledge addendum, as instructed therein. It is the responsibility of all potential Vendors to monitor the solicitation for any changing information, prior to submitting their response.

**B. Responsibility Criteria:**

Definition of a Responsible Vendor: In accordance with Section 21.8.b.64 of the Broward County Procurement Code, a Responsible Vendor means a Vendor who has the capability in all respects to perform the contract requirements, and the integrity and reliability which will assure good faith performance.

The Selection or Evaluation Committee will recommend to the awarding authority a determination of

a Vendor's responsibility. At any time prior to award, the awarding authority may find that a Vendor is not responsible to receive a particular award.

Failure to provide any of this required information and in the manner required may result in a recommendation by the Director of Purchasing that the Vendor is non-responsive.

Below are standard responsibility criteria; refer to **Special Instructions to Vendors**, for Additional Responsibility Criteria requirement(s).

## 1. **Litigation History**

- a. All Vendors are required to disclose to the County all "material" cases filed, pending, or resolved during the last three (3) years prior to the solicitation response due date, whether such cases were brought by or against the Vendor, any parent or subsidiary of the Vendor, or any predecessor organization. Additionally, all Vendors are required to disclose to the County all "material" cases filed, pending, or resolved against any principal of Vendor, regardless of whether the principal was associated with Vendor at the time of the "material" cases against the principal, during the last three (3) years prior to the solicitation response. A case is considered to be "material" if it relates, in whole or in part, to any of the following:
  - i. A similar type of work that the vendor is seeking to perform for the County under the current solicitation;
  - ii. An allegation of fraud, negligence, error or omissions, or malpractice against the vendor or any of its principals or agents who would be performing work under the current solicitation;
  - iii. A vendor's default, termination, suspension, failure to perform, or improper performance in connection with any contract;
  - iv. The financial condition of the vendor, including any bankruptcy petition (voluntary and involuntary) or receivership; or
  - v. A criminal proceeding or hearing concerning business-related offenses in which the vendor or its principals (including officers) were/are defendants.
- b. For each material case, the Vendor is required to provide all information identified in the **Litigation History Form**. Additionally, the Vendor shall provide a copy of any judgment or settlement of any material case during the last three (3) years prior to the solicitation response. Redactions of any confidential portions of the settlement agreement are only permitted upon a certification by Vendor that all redactions are required under the express terms of a pre-existing confidentiality agreement or provision.
- c. The County will consider a Vendor's litigation history information in its review and determination of responsibility.
- d. If the Vendor is a joint venture, the information provided should encompass the joint venture and each of the entities forming the joint venture.
- e. A vendor is required to disclose to the County any and all cases(s) that exist between the County and any of the Vendor's subcontractors/subconsultants proposed to work on this project during the last five (5) years prior to the solicitation response.
- f. Failure to disclose any material case, including all requested information in connection with each such case, as well as failure to disclose the Vendor's subcontractors/subconsultants litigation history against the County, may result in the Vendor being deemed non-responsive.

## 2. **Financial Information**

- a. All Vendors are required to provide the Vendor's financial statements at the time of submittal

in order to demonstrate the Vendor's financial capabilities.

- b. Each Vendor shall submit its most recent two years of financial statements for review. The financial statements are not required to be audited financial statements. The annual financial statements will be in the form of:
  - i. Balance sheets, income statements and annual reports; or
  - ii. Tax returns; or
  - iii. SEC filings.

If tax returns are submitted, ensure it does not include any personal information (as defined under Florida Statutes Section 501.171, Florida Statutes), such as social security numbers, bank account or credit card numbers, or any personal pin numbers. If any personal information data is part of financial statements, redact information prior to submitting a response the County.

- c. If a Vendor has been in business for less than the number of years of required financial statements, then the Vendor must disclose all years that the Vendor has been in business, including any partial year-to-date financial statements.
- d. The County may consider the unavailability of the most recent year's financial statements and whether the Vendor acted in good faith in disclosing the financial documents in its evaluation.
- e. Any claim of confidentiality on financial statements should be asserted at the time of submittal. Refer to **Standard Instructions to Vendors**, Confidential Material/ Public Records and Exemptions for instructions on submitting confidential financial statements. The Vendor's failure to provide the information as instructed may lead to the information becoming public.
- f. Although the review of a Vendor's financial information is an issue of responsibility, the failure to either provide the financial documentation or correctly assert a confidentiality claim pursuant the Florida Public Records Law and the solicitation requirements (Confidential Material/ Public Records and Exemptions section) may result in a recommendation of non-responsiveness by the Director of Purchasing.

### 3. Authority to Conduct Business in Florida

- a. A Vendor must have the authority to transact business in the State of Florida and be in good standing with the Florida Secretary of State. For further information, contact the Florida Department of State, Division of Corporations.
- b. The County will review the Vendor's business status based on the information provided in response to this solicitation.
- c. It is the Vendor's responsibility to comply with all state and local business requirements.
- d. Vendor should list its active Florida Department of State Division of Corporations Document Number (or Registration No. for fictitious names) in the **Vendor Questionnaire**, Question No. 10.
- e. If a Vendor is an out-of-state or foreign corporation or partnership, the Vendor must obtain the authority to transact business in the State of Florida or show evidence of application for the authority to transact business in the State of Florida, upon request of the County.
- f. A Vendor that is not in good standing with the Florida Secretary of State at the time of a

submission to this solicitation may be deemed non-responsible.

- g. If successful in obtaining a contract award under this solicitation, the Vendor must remain in good standing throughout the contractual period of performance.

#### 4. **Affiliated Entities of the Principal(s)**

- a. All Vendors are required to disclose the names and addresses of “affiliated entities” of the Vendor’s principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County. The Vendor is required to provide all information required on the **Affiliated Entities of the Principal(s) Certification Form**.
- b. The County will review all affiliated entities of the Vendor’s principal(s) for contract performance evaluations and the compliance history with the County’s Small Business Program, including CBE, DBE and SBE goal attainment requirements. “Affiliated entities” of the principal(s) are those entities related to the Vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.
- c. The County will consider the contract performance evaluations and the compliance history of the affiliated entities of the Vendor’s principals in its review and determination of responsibility.

#### 5. **Insurance Requirements**

The **Insurance Requirement Form** reflects the insurance requirements deemed necessary for this project. It is not necessary to have this level of insurance in effect at the time of submittal, but it is necessary to submit certificates indicating that the Vendor currently carries the insurance or to submit a letter from the carrier indicating it can provide insurance coverages.

#### C. **Additional Information and Certifications**

The following forms and supporting information (if applicable) should be returned with Vendor’s submittal. If not provided with submittal, the Vendor must submit within three business days of County’s request. Failure to timely submit may affect Vendor’s evaluation.

##### 1. **Vendor Questionnaire**

Vendor is required to submit detailed information on their firm. Refer to the **Vendor Questionnaire** and submit as instructed.

##### 2. **Standard Certifications**

Vendor is required to certify to the below requirements. Refer to the **Standard Certifications** and submit as instructed.

- a. **Cone of Silence Requirement Certification**
- b. **Drug-Free Workplace Certification**
- c. **Non-Collusion Certification**
- d. **Public Entities Crimes Certification**
- e. **Scrutinized Companies List Certification**

##### 3. **Subcontractors/Subconsultants/Suppliers Requirement**

The Vendor shall submit a listing of all subcontractors, subconsultants, and major material suppliers, if any, and the portion of the contract they will perform. Vendors must follow the instructions included on the **Subcontractors/Subconsultants/Suppliers Information Form** and submit as instructed.

#### D. Standard Agreement Language Requirements

1. The acceptance of or any exceptions taken to the terms and conditions of the County's Agreement shall be considered a part of a Vendor's submittal and will be considered by the Selection or Evaluation Committee.
2. The applicable Agreement terms and conditions for this solicitation are indicated in the **Special Instructions to Vendors**.
3. Vendors are required to review the applicable terms and conditions and submit the **Agreement Exception Form**. If the **Agreement Exception Form** is not provided with the submittal, it shall be deemed an affirmation by the Vendor that it accepts the Agreement terms and conditions as disclosed in the solicitation.
4. If exceptions are taken, the Vendor must specifically identify each term and condition with which it is taking an exception. Any exception not specifically listed is deemed waived. Simply identifying a section or article number is not sufficient to state an exception. Provide either a redlined version of the specific change(s) or specific proposed alternative language. Additionally, a brief justification specifically addressing each provision to which an exception is taken should be provided.
5. Submission of any exceptions to the Agreement does not denote acceptance by the County. Furthermore, taking exceptions to the County's terms and conditions may be viewed unfavorably by the Selection or Evaluation Committee and ultimately may impact the overall evaluation of a Vendor's submittal.

#### E. Evaluation Criteria

1. The Selection or Evaluation Committee will evaluate Vendors as per the **Evaluation Criteria**. The County reserves the right to obtain additional information from a Vendor.
2. Vendor has a continuing obligation to inform the County in writing of any material changes to the information it has previously submitted. The County reserves the right to request additional information from Vendor at any time.
3. For Request for Proposals, the following shall apply:
  - a. The Director of Purchasing may recommend to the Evaluation Committee to short list the most qualified firms prior to the Final Evaluation.
  - b. The Evaluation Criteria identifies points available; a total of 100 points is available.
  - c. If the Evaluation Criteria includes a request for pricing, the total points awarded for price is determined by applying the following formula:
$$\frac{(\text{Lowest Proposed Price}/\text{Vendor's Price}) \times (\text{Maximum Number of Points for Price})}{\text{Price Score}}$$
  - d. After completion of scoring, the County may negotiate pricing as in its best interest.
4. For Requests for Letters of Interest or Request for Qualifications, the following shall apply:
  - a. The Selection or Evaluation Committee will create a short list of the most qualified firms.
  - b. The Selection or Evaluation Committee will either:

- i. Rank shortlisted firms; or
- ii. If the solicitation is part of a two-step procurement, shortlisted firms will be requested to submit a response to the Step Two procurement.

## **F. Demonstrations**

If applicable, as indicated in Special Instructions to Vendors, Vendors will be required to demonstrate the nature of their offered solution. After receipt of submittals, all Vendors will receive a description of, and arrangements for, the desired demonstration. In accordance with Section 286.0113 of the Florida Statutes and pursuant to the direction of the Broward County Board of Commissioners, demonstrations are closed to only the vendor team and County staff.

## **G. Presentations**

Vendors that are found to be both responsive and responsible to the requirements of the solicitation and/or shortlisted (if applicable) will have an opportunity to make an oral presentation to the Selection or Evaluation Committee on the Vendor's approach to this project and the Vendor's ability to perform. The committee may provide a list of subject matter for the discussion. All Vendor's will have equal time to present but the question-and-answer time may vary. In accordance with Section 286.0113 of the Florida Statutes and the direction of the Broward County Board of Commissioners, presentations during Selection or Evaluation Committee Meetings are closed. Only the Selection or Evaluation Committee members, County staff and the vendor and their team scheduled for that presentation will be present in the Meeting Room during the presentation and subsequent question and answer period.

## **H. Public Art and Design Program**

If indicated in **Special Instructions to Vendors**, Public Art and Design Program, Section 1-88, Broward County Code of Ordinances, applies to this project. It is the intent of the County to functionally integrate art, when applicable, into capital projects and integrate artists' design concepts into this improvement project. The Vendor may be required to collaborate with the artist(s) on design development within the scope of this request. Artist(s) shall be selected by Broward County through an independent process. For additional information, contact the Broward County Cultural Division.

## **I. Committee Appointment**

The Cone of Silence shall be in effect for County staff at the time of the Selection or Evaluation Committee appointment and for County Commissioners and Commission staff at the time of the Shortlist Meeting of the Selection Committee or the Initial Evaluation Meeting of the Evaluation Committee. The committee members appointed for this solicitation are available on the Purchasing Division's website under [Committee Appointment](#).

## **J. Committee Questions, Request for Clarifications, Additional Information**

At any committee meeting, the Selection or Evaluation Committee members may ask questions, request clarification, or require additional information of any Vendor's submittal or proposal. It is highly recommended Vendors attend to answer any committee questions (if requested), including a Vendor representative that has the authority to bind.

Vendor's answers may impact evaluation (and scoring, if applicable). Upon written request to the Purchasing Agent prior to the meeting, a conference call number will be made available for Vendor participation via teleconference. Only Vendors that are found to be both responsive and responsible to the requirements of the solicitation and/or shortlisted (if applicable) are requested to participate in a final (or presentation) Selection or Evaluation committee meeting.

## **K. Vendor Questions**

The County provides a specified time for Vendors to ask questions and seek clarification regarding solicitation requirements. All questions or clarification inquiries must be submitted through BidSync by the date and time referenced in the solicitation document (including any addenda). The County will respond to questions via Bid Sync.

## **L. Confidential Material/ Public Records and Exemptions**

1. Broward County is a public agency subject to Chapter 119, Florida Statutes. Upon receipt, all submittals become "public records" and shall be subject to public disclosure consistent with Chapter 119, Florida Statutes. Submittals may be posted on the County's public website or included in a public records request response, unless there is a declaration of "confidentiality" pursuant to the public records law and in accordance with the procedures in this section.
2. Any confidential material(s) the Vendor asserts is exempt from public disclosure under Florida Statutes must be labeled as "Confidential", and marked with the specific statute and subsection asserting exemption from Public Records.
3. To submit confidential material, three hardcopies must be submitted in a sealed envelope, labeled with the solicitation number, title, date and the time of solicitation opening to:

Broward County Purchasing Division  
115 South Andrews Avenue, Room 212  
Fort Lauderdale, FL 33301

4. Material will not be treated as confidential if the Vendor does not cite the applicable Florida Statute (s) allowing the document to be treated as confidential.
5. Any materials that the Vendor claims to be confidential and exempt from public records must be marked and separated from the submittal. If the Vendor does not comply with these instructions, the Vendor's claim for confidentiality will be deemed as waived.
6. Submitting confidential material may impact full discussion of your submittal by the Selection or Evaluation Committee because the Committee will be unable to discuss the details contained in the documents cloaked as confidential at the publicly noticed Committee meeting.

## **M. Copyrighted Materials**

Copyrighted material is not exempt from the Public Records Law, Chapter 119, Florida Statutes. Submission of copyrighted material in response to any solicitation will constitute a license and permission for the County to make copies (including electronic copies) as reasonably necessary for the use by County staff and agents, as well as to make the materials available for inspection or production pursuant to Public Records Law, Chapter 119, Florida Statutes.

## **N. State and Local Preferences**

If the solicitation involves a federally funded project where the fund requirements prohibit the use of state and/or local preferences, such preferences contained in the Local Preference Ordinance and Broward County Procurement Code will not be applied in the procurement process.

## **O. Local Preference**

Except where otherwise prohibited by federal or state law or other funding source restrictions, a local Vendor whose submittal is within 5% of the highest total ranked Vendor outside of the preference area will become the Vendor with whom the County will proceed with negotiations for a

final contract. Refer to **Local Vendor Certification Form (Preference and Tiebreaker)** for further information.

## **P. Tiebreaker Criteria**

In accordance with Section 21.31.d of the Broward County Procurement Code, the tiebreaker criteria shall be applied based upon the information provided in the Vendor's response to the solicitation. In order to receive credit for any tiebreaker criterion, complete and accurate information must be contained in the Vendor's submittal.

1. **Local Vendor Certification Form (Preference and Tiebreaker);**
2. **Domestic Partnership Act Certification (Requirement and Tiebreaker);**
3. **Tiebreaker Criteria Form: Volume of Work Over Five Years**

## **Q. Posting of Solicitation Results and Recommendations**

The Broward County Purchasing Division's [website](#) is the location for the County's posting of all solicitations and contract award results. It is the obligation of each Vendor to monitor the website in order to obtain complete and timely information.

## **R. Review and Evaluation of Responses**

A Selection or Evaluation Committee is responsible for recommending the most qualified Vendor(s). The process for this procurement may proceed in the following manner:

1. The Purchasing Division delivers the solicitation submittals to agency staff for summarization for the committee members. Agency staff prepares a report, including a matrix of responses submitted by the Vendors. This may include a technical review, if applicable.
2. Staff identifies any incomplete responses. The Director of Purchasing reviews the information and makes a recommendation to the Selection or Evaluation Committee as to each Vendor's responsiveness to the requirements of the solicitation. The final determination of responsiveness rests solely on the decision of the committee.
3. At any time prior to award, the awarding authority may find that a Vendor is not responsible to receive a particular award. The awarding authority may consider the following factors, without limitation: debarment or removal from the authorized Vendors list or a final decree, declaration or order by a court or administrative hearing officer or tribunal of competent jurisdiction that the Vendor has breached or failed to perform a contract, claims history of the Vendor, performance history on a County contract(s), an unresolved concern, or any other cause under this code and Florida law for evaluating the responsibility of a Vendor.

## **S. Vendor Protest**

Sections 21.118 and 21.120 of the Broward County Procurement Code set forth procedural requirements that apply if a Vendor intends to protest a solicitation or proposed award of a contract and state in part the following:

1. Any protest concerning the solicitation or other solicitation specifications or requirements must be made and received by the County within seven business days from the posting of the solicitation or addendum on the Purchasing Division's website. Such protest must be made in writing to the Director of Purchasing. Failure to timely protest solicitation specifications or requirements is a waiver of the ability to protest the specifications or requirements.

2. Any protest concerning a solicitation or proposed award above the award authority of the Director of Purchasing, after the RLI or RFP opening, shall be submitted in writing and received by the Director of Purchasing within five business days from the posting of the recommendation of award for Invitation to Bids or the final recommendation of ranking for Request for Letters of Interest and Request for Proposals on the Purchasing Division's website.
3. Any actual or prospective Vendor who has a substantial interest in and is aggrieved in connection with the proposed award of a contract that does not exceed the amount of the award authority of the Director of Purchasing, may protest to the Director of Purchasing. The protest shall be submitted in writing and received within three (3) business days from the posting of the recommendation of award for Invitation to Bids or the final recommendation of ranking for Request for Letters of Interest and Request for Proposals on the Purchasing Division's website.
4. For purposes of this section, a business day is defined as Monday through Friday between 8:30 a.m. and 5:00 p.m. Failure to timely file a protest within the time prescribed for a proposed contract award shall be a waiver of the Vendor's right to protest.
5. As a condition of initiating any protest, the protestor shall present the Director of Purchasing a nonrefundable filing fee in accordance with the table below.

<u>Estimated Contract Amount</u>	<u>Filing Fee</u>
\$30,000 - \$250,000	\$ 500
\$250,001 - \$500,000	\$1,000
\$500,001 - \$5 million	\$3,000
Over \$5 million	5,000

If no contract proposal amount was submitted, the estimated contract amount shall be the County's estimated contract price for the project. The County may accept cash, money order, certified check, or cashier's check, payable to Broward County Board of Commissioners.

#### **T. Right of Appeal**

Pursuant to Section 21.83.d of the Broward County Procurement Code, any Vendor that has a substantial interest in the matter and is dissatisfied or aggrieved in connection with the Selection or Evaluation Committee's determination of responsiveness may appeal the determination pursuant to Section 21.120 of the Broward County Procurement Code.

1. The appeal must be in writing and sent to the Director of Purchasing within ten (10) calendar days of the determination by the Selection or Evaluation Committee to be deemed timely.
2. As required by Section 21.120, the appeal must be accompanied by an appeal bond by a Vendor having standing to protest and must comply with all other requirements of this section.
3. The institution and filing of an appeal is an administrative remedy to be employed prior to the institution and filing of any civil action against the County concerning the subject matter of the appeal.

#### **U. Rejection of Responses**

The Selection or Evaluation Committee may recommend rejecting all submittals as in the best interests of the County. The rejection shall be made by the Director of Purchasing, except when a solicitation was approved by the Board, in which case the rejection shall be made by the Board.

## V. Negotiations

The County intends to conduct the first negotiation meeting no later than two weeks after approval of the final ranking as recommended by the Selection or Evaluation Committee. At least one of the representatives for the Vendor participating in negotiations with the County must be authorized to bind the Vendor. In the event that the negotiations are not successful within a reasonable timeframe (notification will be provided to the Vendor) an impasse will be declared and negotiations with the first-ranked Vendor will cease. Negotiations will begin with the next ranked Vendor, etc. until such time that all requirements of Broward County Procurement Code have been met. In accordance with Section 286.0113 of the Florida Statutes and the direction of the Broward County Board of Commissioners, negotiations resulting from Selection or Evaluation Committee Meetings are closed. Only County staff and the selected vendor and their team will be present during negotiations.

## W. Submittal Instructions:

1. Broward County does not require any personal information (as defined under Section 501.171, Florida Statutes), such as social security numbers, driver license numbers, passport, military ID, bank account or credit card numbers, or any personal pin numbers, in order to submit a response for ANY Broward County solicitation. **DO NOT INCLUDE** any personal information data in any document submitted to the County. If any personal information data is part of a submittal, this information must be redacted prior to submitting a response to the County.
2. **Vendor MUST submit its solicitation response electronically and MUST confirm its submittal in order for the County to receive a valid response through BidSync.** It is the Vendor's sole responsibility to assure its response is submitted and received through BidSync by the date and time specified in the solicitation.
3. The County will not consider solicitation responses received by other means. Vendors are encouraged to submit their responses in advance of the due date and time specified in the solicitation document. In the event that the Vendor is having difficulty submitting the solicitation document through Bid Sync, immediately notify the Purchasing Agent and then contact BidSync for technical assistance.
4. Vendor must view, submit, and/or accept each of the documents in BidSync. Web-fillable forms can be filled out and submitted through BidSync.
5. After all documents are viewed, submitted, and/or accepted in BidSync, the Vendor must upload additional information requested by the solicitation (i.e. Evaluation Criteria and Financials Statements) in the Item Response Form in BidSync, under line one (regardless if pricing requested).
6. Vendor should upload responses to Evaluation Criteria in Microsoft Word or Excel format.
7. If the Vendor is declaring any material confidential and exempt from Public Records, refer to Confidential Material/ Public Records and Exemptions for instructions on submitting confidential material.
8. After all files are uploaded, Vendor must submit and **CONFIRM** its offer (by entering password) for offer to be received through BidSync.

9. If a solicitation requires an original Proposal Bond (per Special Instructions to Vendors), Vendor must submit in a sealed envelope, labeled with the solicitation number, title, date and the time of solicitation opening to:

Broward County Purchasing Division  
115 South Andrews Avenue, Room 212  
Fort Lauderdale, FL 33301

A copy of the Proposal Bond should also be uploaded into Bid Sync; this does not replace the requirement to have an original proposal bond. Vendors must submit the original Proposal Bond, by the solicitation due date and time.

Supplier: **Johnson, Mirmiran & Thompson**

**VENDOR QUESTIONNAIRE AND STANDARD CERTIFICATIONS**  
**Request for Proposals, Request for Qualifications, or Request for Letters of Interest**

Vendor should complete questionnaire and complete and acknowledge the standard certifications and submit with the solicitation response. If not submitted with solicitation response, it must be submitted within three business days of County's request. Failure to timely submit may affect Vendor's evaluation.

**If a response requires additional information, the Vendor should upload a written detailed response with submittal; each response should be numbered to match the question number.** The completed questionnaire and attached responses will become part of the procurement record. It is imperative that the person completing the Vendor Questionnaire be knowledgeable about the proposing Vendor's business and operations.

1. Legal business name:**Johnson, Mirmiran & Thompson, Inc.**
2. Doing Business As/ Fictitious Name (if applicable):**N/A**
3. Federal Employer I.D. no. (FEIN):**52-0963531**
4. Dun and Bradstreet No.:**05-6278633**
5. Website address (if applicable): **www.jmt.com**
6. Principal place of business address: **40 Wight Avenue, Hunt Valley, MD 21030**
7. Office location responsible for this project: **2400 East Commercial Boulevard, Suite 800, Fort Lauderdale, FL 33308**
8. Telephone no.:**954-492-9921** Fax no.:**954-492-9909**
9. Type of business (check appropriate box):
  - Corporation (specify the state of incorporation):**Maryland**
  - Sole Proprietor
  - Limited Liability Company (LLC)
  - Limited Partnership
  - General Partnership (State and County Filed In)
  - Other - Specify
10. List Florida Department of State, Division of Corporations document number (or registration number if fictitious name): **P05237**
11. List name and title of each principal, owner, officer, and major shareholder:
  - a) **JMT is a 100% employee-owned company (ESOP).**
  - b)
  - c)
  - d)
12. AUTHORIZED CONTACT(S) FOR YOUR FIRM:

Name: **David Stickles**

Title: **Project Manager | Vice President**

E-mail: **dstickles@jmt.com**

Telephone No.: **954-233-6563**

Name: **Melissa Shepherd**

Title: **Senior Marketing Coordinator**

E-mail: **mshepherd@jmt.com**

Telephone No.: **813-868-6181**

13. Has your firm, its principals, officers or predecessor organization(s) been debarred or suspended by any government entity within the last three years? If yes, specify details in an attached written response.  Yes  No
14. Has your firm, its principals, officers or predecessor organization(s) ever been debarred or suspended by any government entity? If yes, specify details in an attached written response, including the reinstatement date, if granted.  Yes  No
15. Has your firm ever failed to complete any services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response.  Yes  No
16. Is your firm or any of its principals or officers currently principals or officers of another organization? If yes, specify details in an attached written response.  Yes  No
17. Have any voluntary or involuntary bankruptcy petitions been filed by or against your firm, its parent or subsidiaries or predecessor organizations during the last three years? If yes, specify details in an attached written response.  Yes  No
18. Has your firm's surety ever intervened to assist in the completion of a contract or have Performance and/or Payment Bond claims been made to your firm or its predecessor's sureties during the last three years? If yes, specify details in an attached written response, including contact information for owner and surety.  Yes  No
19. Has your firm ever failed to complete any work awarded to you, services and/or delivery of products during the last three (3) years? If yes, specify details in an attached written response.  Yes  No
20. Has your firm ever been terminated from a contract within the last three years? If yes, specify details in an attached written response.  Yes  No
21. Living Wage solicitations only: In determining what, if any, fiscal impacts(s) are a result of the Ordinance for this solicitation, provide the following for informational purposes only. Response is not considered in determining the award of this contract.
- Living Wage had an effect on the pricing.  Yes  No  
 N/A
- If yes, Living Wage increased the pricing by% or decreased the pricing by%.

**Cone of Silence Requirement Certification:**

The Cone of Silence Ordinance, Section 1-266, Broward County Code of Ordinances prohibits certain communications among Vendors, Commissioners, County staff, and Selection or Evaluation Committee members. Identify on a separate sheet any violations of this Ordinance by any members of the responding firm or its joint ventures. After the application of the Cone of Silence, inquiries regarding this solicitation should be directed to the Director of Purchasing or designee. The Cone of Silence terminates when the County Commission or other awarding authority takes action which ends the solicitation.

The Vendor hereby certifies that: (check each box)

- The Vendor has read Cone of Silence Ordinance, Section 1-266, Broward County Code of Ordinances; and
- The Vendor understands that the Cone of Silence for this competitive solicitation shall be in effect beginning

upon the appointment of the Selection or Evaluation Committee, for communication regarding this solicitation with the County Administrator, Deputy County Administrator, Assistant County Administrators, and Assistants to the County Administrator and their respective support staff or any person, including Evaluation or Selection Committee members, appointed to evaluate or recommend selection in this RFP/RLI process. For Communication with County Commissioners and Commission staff, the Cone of Silence allows communication until the initial Evaluation or Selection Committee Meeting.

- The Vendor agrees to comply with the requirements of the Cone of Silence Ordinance.

**Drug-Free Workplace Requirements Certification:**

Section 21.31.a. of the Broward County Procurement Code requires awards of all competitive solicitations requiring Board award be made only to firms certifying the establishment of a drug free workplace program. The program must consist of:

1. Publishing a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the offeror's workplace, and specifying the actions that will be taken against employees for violations of such prohibition;
2. Establishing a continuing drug-free awareness program to inform its employees about:
  - a. The dangers of drug abuse in the workplace;
  - b. The offeror's policy of maintaining a drug-free workplace;
  - c. Any available drug counseling, rehabilitation, and employee assistance programs; and
  - d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
3. Giving all employees engaged in performance of the contract a copy of the statement required by subparagraph 1;
4. Notifying all employees, in writing, of the statement required by subparagraph 1, that as a condition of employment on a covered contract, the employee shall:
  - a. Abide by the terms of the statement; and
  - b. Notify the employer in writing of the employee's conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or of any state, for a violation occurring in the workplace NO later than five days after such conviction.
5. Notifying Broward County government in writing within 10 calendar days after receiving notice under subdivision 4.b above, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;
6. Within 30 calendar days after receiving notice under subparagraph 4 of a conviction, taking one of the following actions with respect to an employee who is convicted of a drug abuse violation occurring in the workplace:
  - a. Taking appropriate personnel action against such employee, up to and including termination; or
  - b. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency; and
7. Making a good faith effort to maintain a drug-free workplace program through implementation of subparagraphs 1 through 6.

The Vendor hereby certifies that: (check box)

- The Vendor certifies that it has established a drug free workplace program in accordance with the above requirements.

**Non-Collusion Certification:**

Vendor shall disclose, to their best knowledge, any Broward County officer or employee, or any relative of any such officer or employee as defined in Section 112.3135 (1) (c), Florida Statutes, who is an officer or director of, or has a material interest in, the Vendor's business, who is in a position to influence this procurement. Any Broward

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

The Vendor hereby certifies that: (select one)

- The Vendor certifies that this offer is made independently and free from collusion; or
- The Vendor is disclosing names of officers or employees who have a material interest in this procurement and is in a position to influence this procurement. Vendor must include a list of name(s), and relationship(s) with its submittal.

**Public Entities Crimes Certification:**

In accordance with Public Entity Crimes, Section 287.133, Florida Statutes, a person or affiliate placed on the convicted vendor list following a conviction for a public entity crime may not submit on a contract: to provide any goods or services; for construction or repair of a public building or public work; for leases of real property to a public entity; and may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for Category Two for a period of 36 months following the date of being placed on the convicted vendor list.

The Vendor hereby certifies that: (check box)

- The Vendor certifies that no person or affiliates of the Vendor are currently on the convicted vendor list and/or has not been found to commit a public entity crime, as described in the statutes.

**Scrutinized Companies List Certification:**

Any company, principals, or owners on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List is prohibited from submitting a response to a solicitation for goods or services in an amount equal to or greater than \$1 million.

The Vendor hereby certifies that: (check each box)

- The Vendor, owners, or principals are aware of the requirements of Sections 287.135, 215.473, and 215.4275, Florida Statutes, regarding Companies on the Scrutinized Companies with Activities in Sudan List the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and
- The Vendor, owners, or principals, are eligible to participate in this solicitation and are not listed on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List; and
- If awarded the Contract, the Vendor, owners, or principals will immediately notify the County in writing if any of its principals are placed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List.

I hereby certify the information provided in the Vendor Questionnaire and Standard Certifications:

<b>David Stickles</b>	<b>Project Manager   Vice President</b>	<b>9/3/2019</b>
*AUTHORIZED SIGNATURE/NAME	TITLE	DATE

Vendor Name: **Johnson, Mirmiran & Thompson, Inc.**

\* I certify that I am authorized to sign this solicitation response on behalf of the Vendor as indicated in Certificate as to Corporate Principal, designation letter by Director/Corporate Officer, or other business authorization to bind on behalf of the Vendor. As the Vendor's authorized representative, I attest that any and all statements, oral, written or otherwise, made in support of the Vendor's response, are accurate, true and correct. I also acknowledge that inaccurate, untruthful, or incorrect statements made in support of the Vendor's response may be used by the County as a basis for rejection, rescission of the award, or termination of the contract and may also serve as the basis for debarment of Vendor pursuant to Section 21.119 of the Broward County Procurement Code. I certify that the Vendor's response is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a response for the same items/services, and is in all respects fair and without collusion or fraud. I also certify that the Vendor agrees to abide by all terms and conditions of this solicitation, acknowledge and accept all of the solicitation pages as well as any special instructions sheet(s).

**Supplier: Johnson, Mirmiran & Thompson**

**LOBBYIST REGISTRATION REQUIREMENT CERTIFICATION FORM**

The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

The Vendor certifies that it understands if it has retained a lobbyist(s) to lobby in connection with a competitive solicitation, it shall be deemed non-responsive unless the firm, in responding to the competitive solicitation, certifies that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances; and it understands that if, after awarding a contract in connection with the solicitation, the County learns that the certification was erroneous, and upon investigation determines that the error was willful or intentional on the part of the Vendor, the County may, on that basis, exercise any contractual right to terminate the contract for convenience.

The Vendor hereby certifies that: (select one)

- It has not retained a lobbyist(s) to lobby in connection with this competitive solicitation; however, if retained after the solicitation, the County will be notified.
- It has retained a lobbyist(s) to lobby in connection with this competitive solicitation and certified that each lobbyist retained has timely filed the registration or amended registration required under Broward County Lobbyist Registration Act, Section 1-262, Broward County Code of Ordinances.

It is a requirement of this solicitation that the names of any and all lobbyists retained to lobby in connection with this solicitation be listed below:

Name of Lobbyist:

Lobbyist's Firm:

Phone:

E-mail:

Name of Lobbyist:

Lobbyist's Firm:

Phone:

E-mail:

**Authorized Signature/Name: David Stickles Date: 9/3/2019**

**Title: Project Manager | Vice President**

**Vendor Name: Johnson, Mirmiran & Thompson, Inc.**

**Supplier: Johnson, Mirmiran & Thompson**

**Office of Economic and Small Business Requirements: CBE Goal Participation**

- A. In accordance with the Broward County Business Opportunity Act of 2012, Section 1-81, Code of Ordinances, as amended (the "Business Opportunity Act"), the County Business Enterprise (CBE) Program is applicable to this contract. All Vendors responding to this solicitation are required to utilize CBE firms to perform the assigned participation goal for this contract.
- B. The CBE participation goal will be established based on the expected expenditure amount for the proposed scope of services for the project. The Office of Economic and Small Business Development (OESBD) will not include alternate items, optional services or allowances when establishing the CBE participation goal. If the County subsequently chooses to award any alternate items, optional services or allowances as determined by OESBD and the Contract Administrator to be related to the scope of services, OESBD may apply the established CBE participation goal. In such an instance, the County will issue a written notice to the successful Vendor that the CBE participation goal will also apply to the alternate items, optional services or allowances. Vendor shall submit all required forms pertaining to its compliance with the CBE participation goal, as applicable. Failure by Vendor to submit the required forms may result in the rejection of Vendor's solicitation submittal prior to the award or failure to comply with the contract requirements may have an impact on the vendor performance evaluation post award, as applicable.
- C. CBE Program Requirements: Compliance with CBE participation goal requirements is a matter of responsibility; Vendor should submit all required forms and information with its solicitation submittal. If the required forms and information are not provided with the Vendor's solicitation submittal, then Vendor must supply the required forms and information no later than three (3) business days after request by OESBD. Vendor may be deemed non-responsible for failure to fully comply with CBE Program Requirements within these stated timeframes.
1. Vendor should include in its solicitation submittal a **Letter Of Intent Between Bidder/Offeror and County Business Enterprise (CBE) Subcontractor/Supplier** for each CBE firm the Vendor intends to use to achieve the assigned CBE participation goal. The form is available at the following link: <http://www.broward.org/EconDev/Documents/CBELetterOfIntent.pdf>
  2. If Vendor is unable to attain the CBE participation goal, Vendor should include in its solicitation submittal an **Application for Evaluation of Good Faith Efforts** and all of the required supporting information. The form is available at the following link: <http://www.broward.org/EconDev/WhatWeDo/Documents/GoodFaithEffortEval.pdf>
- D. OESBD maintains an online directory of CBE firms. The online directory is available for use by Vendors at <https://webapps4.broward.org/smallbusiness/sbdirectory.aspx>.
- E. For detailed information regarding the CBE Program contact the OESBD at (954) 357-6400 or visit the website at: <http://www.broward.org/EconDev/SmallBusiness/>
- F. If awarded the contract, Vendor agrees to and shall comply with all applicable requirements of the Business Opportunity Act and the CBE Program in the award and administration of the contract.
1. No party to this contract may discriminate on the basis of race, color, sex, religion,

national origin, disability, age, marital status, political affiliation, sexual orientation, pregnancy, or gender identity and expression in the performance of this contract.

2. All entities that seek to conduct business with the County, including Vendor or any Prime Contractors, Subcontractors, and Bidders, shall conduct such business activities in a fair and reasonable manner, free from fraud, coercion, collusion, intimidation, or bad faith. Failure to do so may result in the cancellation of this solicitation, cessation of contract negotiations, revocation of CBE certification, and suspension or debarment from future contracts.
3. If Vendor fails to meet or make Good Faith Efforts (as defined in the Business Opportunity Act) to meet the CBE participation commitment (the "Commitment"), then Vendor shall pay the County liquidated damages in an amount equal to fifty percent (50%) of the actual dollar amount by which Vendor failed to achieve the Commitment, up to a maximum amount of ten percent (10%) of the total contract amount, excluding costs and reimbursable expenses. An example of this calculation is stated in Section 1-81.7, Broward County Code of Ordinances.
4. Vendor shall comply with all applicable requirements of the Business Opportunity Act in the award of this contract. Failure by Vendor to carry out any of these requirements shall constitute a material breach of the contract, which shall permit the County to terminate this contract or to exercise any other remedy provided under this contract, the Broward County Code of Ordinances, the Broward County Administrative Code, or other applicable laws, with all such remedies being cumulative.
5. Vendor shall pay its CBE subcontractors and suppliers, within fifteen (15) days following receipt of payment from the County, for all completed subcontracted work and supplies. If Vendor withholds an amount from CBE subcontractors or suppliers as retainage, such retainage shall be released and paid within fifteen (15) days following receipt of payment of retained amounts from the County.
6. Vendor understands that the County will monitor Vendor's compliance with the CBE Program requirements. Vendor must provide OESBD with a Monthly Utilization Report (MUR) to confirm its compliance with the Commitment agreed to in the contract; timely submission of the MUR every month throughout the term of the contract, including amendment and extension terms, is a condition precedent to the County's payment of Vendor under the contract.

**Supplier: Johnson, Mirmiran & Thompson**

**LITIGATION HISTORY FORM**

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

- There are no material cases for this Vendor; or
- Material Case(s) are disclosed below:

Is this for a: (check type) <input type="checkbox"/> Parent, <input type="checkbox"/> Subsidiary, or <input type="checkbox"/> Predecessor Firm?	If Yes, name of Parent/Subsidiary/Predecessor: <b>Please see the attached document with our litigation details.</b>
	Or No <input type="checkbox"/>
Party	
Case Number, Name, and Date Filed	
Name of Court or other tribunal	
Type of Case	Bankruptcy <input type="checkbox"/> Civil <input type="checkbox"/> Criminal <input type="checkbox"/> Administrative/Regulatory <input type="checkbox"/>
Claim or Cause of Action and Brief description of each Count	
Brief description of the Subject Matter and Project Involved	
Disposition of Case  (Attach copy of any applicable Judgment, Settlement Agreement and Satisfaction of Judgment.)	Pending <input type="checkbox"/> Settled <input type="checkbox"/> Dismissed <input type="checkbox"/>  Judgment Vendor's Favor <input type="checkbox"/> Judgment Against Vendor <input type="checkbox"/>  If Judgment Against, is Judgment Satisfied? <input type="checkbox"/> Yes <input type="checkbox"/> No
Opposing Counsel	Name: Email: Telephone Number:

**Vendor Name: Johnson, Mirmiran & Thompson, Inc.**

**Supplier: Johnson, Mirmiran & Thompson**

**AFFILIATED ENTITIES OF THE PRINCIPAL(S) CERTIFICATION FORM**

The completed form should be submitted with the solicitation response but must be submitted within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes.

- a. All Vendors are required to disclose the names and addresses of "affiliated entities" of the Vendor's principal(s) over the last five (5) years (from the solicitation opening deadline) that have acted as a prime Vendor with the County.
- b. The County will review all affiliated entities of the Vendor's principal(s) for contract performance evaluations and the compliance history with the County's Small Business Program, including CBE, DBE and SBE goal attainment requirements. "Affiliated entities" of the principal(s) are those entities related to the Vendor by the sharing of stock or other means of control, including but not limited to a subsidiary, parent or sibling entity.
- c. The County will consider the contract performance evaluations and the compliance history of the affiliated entities of the Vendor's principals in its review and determination of responsibility.

The Vendor hereby certifies that: (select one)

- No principal of the proposing Vendor has prior affiliations that meet the criteria defined as "Affiliated entities"
- Principal(s) listed below have prior affiliations that meet the criteria defined as "Affiliated entities"

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Principal's Name:

Names of Affiliated Entities:

Authorized Signature Name: **David Stickles**

Title: **Project Manager | Vice President**

Vendor Name: **Johnson, Mirmiran & Thompson, Inc.**

Date: **mshepherd@jmt.com**

**Supplier: Johnson, Mirmiran & Thompson**

**DOMESTIC PARTNERSHIP ACT CERTIFICATION FORM (REQUIREMENT AND TIEBREAKER)**

Refer to Special Instructions to identify if Domestic Partnership Act is a requirement of the solicitation or acts only as a tiebreaker. If Domestic Partnership is a requirement of the solicitation, the completed and signed form should be returned with the Vendor's submittal. If the form is not provided with submittal, the Vendor must submit within three business days of County's request. Vendor may be deemed non-responsive for failure to fully comply within stated timeframes. To qualify for the Domestic Partnership tiebreaker criterion, the Vendor must currently offer the Domestic Partnership benefit and the completed and signed form must be returned at time of solicitation submittal.

The Domestic Partnership Act, Section 16 ½ -157, Broward County Code of Ordinances, requires all Vendors contracting with the County, in an amount over \$100,000 provide benefits to Domestic Partners of its employees, on the same basis as it provides benefits to employees' spouses, with certain exceptions as provided by the Ordinance.

For all submittals over \$100,000.00, the Vendor, by virtue of the signature below, certifies that it is aware of the requirements of Broward County's Domestic Partnership Act, Section 16-½ -157, Broward County Code of Ordinances; and certifies the following: (check only one below).

- 1. The Vendor currently complies with the requirements of the County's Domestic Partnership Act and provides benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees' spouses
- 2. The Vendor will comply with the requirements of the County's Domestic Partnership Act at time of contract award and provide benefits to Domestic Partners of its employees on the same basis as it provides benefits to employees' spouses.
- 3. The Vendor will not comply with the requirements of the County's Domestic Partnership Act at time of award.
- 4. The Vendor does not need to comply with the requirements of the County's Domestic Partnership Act at time of award because the following exception(s) applies: **(check only one below)**.
  - The Vendor is a governmental entity, not-for-profit corporation, or charitable organization.
  - The Vendor is a religious organization, association, society, or non-profit charitable or educational institution.
  - The Vendor provides an employee the cash equivalent of benefits. (Attach an affidavit in compliance with the Act stating the efforts taken to provide such benefits and the amount of the cash equivalent).
  - The Vendor cannot comply with the provisions of the Domestic Partnership Act 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 (State the law, statute or regulation and attach explanation of its applicability).

David Stickles	Project Manager   Vice President	Johnson, Mirmiran & Thompson, Inc.	dstickles@jmt.com
Authorized Signature/Name	Title	Vendor Name	Date



**Supplier: Johnson, Mirmiran & Thompson**

**AGREEMENT EXCEPTION FORM**

The completed form(s) should be returned with the Vendor's submittal. If not provided with submittal, it shall be deemed an affirmation by the Vendor that it accepts the terms and conditions of the County's Agreement as disclosed in the solicitation.

The Vendor must either provide specific proposed alternative language on the form below. Additionally, a brief justification specifically addressing each provision to which an exception is taken should be provided.

- There are no exceptions to the terms and conditions of the County Agreement as referenced in the solicitation; or
- The following exceptions are disclosed below: (use additional forms as needed; separate each Article/ Section number)

Term or Condition Article / Section	Insert version of exception or specific proposed alternative language	Provide brief justification for change
	Please see attached.	

**Vendor Name:** mshepherd@jmt.com

**Supplier: Johnson, Mirmiran & Thompson**

**RFP-RFQ-RLI LOCATION ATTESTATION FORM (EVALUATION CRITERIA)**

The completed and signed form and supporting information (if applicable, for Joint Ventures) should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit this form and supporting information may affect the Vendor's evaluation. Provided information is subject to verification by the County.

A Vendor's principal place of business location (also known as the nerve center) within Broward County is considered in accordance with Evaluation Criteria. The County's definition of a principal place of business is:

1. As defined by the Broward County Local Preference Ordinance, "Principal place of business means the nerve center or center of overall direction, control and coordination of the activities of the bidder [Vendor]. If the bidder has only one (1) business location, such business location shall be considered its principal place of business."
2. A principal place of business refers to the place where a corporation's officers direct, control, and coordinate the corporation's day-to-day activities. It is the corporation's 'nerve center' and in practice it should normally be the place where the corporation maintains its headquarters; provided that the headquarters is the actual center of direction, control, and coordination, i.e., the 'nerve center', and not simply an office where the corporation holds its board meetings (for example, attended by directors and officers who have traveled there for the occasion).

The Vendor's principal place of business in Broward County shall be the Vendor's "Principal Address" as indicated with the Florida Department of State Division of Corporations, for at least six months prior to the solicitation's due date.

Check one of the following:

- The Vendor certifies that it has a principal place of business location (also known as the nerve center) within Broward County, as documented in Florida Department of State Division of Corporations (Sunbiz), and attests to the following statements:

1. Vendor's address listed in its submittal is its principal place of business as defined by Broward County;
2. Vendor's "Principal Address" listed with the Florida Department of State Division of Corporations is the same as the address listed in its submittal and the address was listed for at least six months prior to the solicitation's opening date. A copy of Florida Department of State Division of Corporations (Sunbiz) is attached as verification.
3. Vendor must be located at the listed "nerve center" address ("Principal Address") for at least six (6) months prior to the solicitation's opening date;
4. Vendor has not merged with another firm within the last six months that is not headquartered in Broward County and is not a wholly owned subsidiary or a holding company of another firm that is not headquartered in Broward County;
5. If awarded a contract, it is the intent of the Vendor to remain at the referenced address for the duration of the contract term, including any renewals, extensions or any approved

interim contracts for the services provided under this contract; and

- 6. The Vendor understands that if after contract award, the County learns that the attestation was erroneous, and upon investigation determines that the error was willful or intentional on the part of the Vendor, the County may, on that basis exercise any contractual right to terminate the contract. Further any misleading, inaccurate, false information or documentation submitted by any party affiliated with this procurement may lead to suspension and/or debarment from doing business with Broward County as outlined in the Procurement Code, Section 21.119.

If the Vendor is submitting a response as a Joint Venture, the following information is required to be submitted:

- a. Name of the Joint Venture Partnership
- b. Percentage of Equity for all Joint Venture Partners
- c. A copy of the executed Agreement(s) between the Joint Venture Partners

Vendor does not have a principal place of business location (also known as the nerve center) within Broward County.

**Vendor Information:**

Vendor Name: **Johnson, Mirmiran & Thompson, Inc.**

Vendor's address listed in its submittal is:

**2400 East Commercial Boulevard, Suite 800  
Fort Lauderdale, FL 33308**

The signature below must be by an individual authorized to bind the Vendor. The signature below is an attestation that all information listed above and provided to Broward County is true and accurate.

<b>David Stickles</b>	<b>Project Manager   Vice President</b>	<b>Johnson, Mirmiran &amp; Thompson, Inc.</b>	<b>dstickles@jmt.com</b>
Authorized Signature/Name	Title	Vendor Name	Date

**Supplier: Johnson, Mirmiran & Thompson**

**RFP-RLI-RFQ LOCAL PREFERENCE AND TIE BREAKER CERTIFICATION FORM**

The completed and signed form should be returned with the Vendor's submittal to determine Local Preference eligibility, however it must be returned at time of solicitation submittal to qualify for the Tie Break criteria. If not provided with submittal, the Vendor must submit within three business days of County's request for evaluation of Local Preference. Proof of a local business tax should be submitted with this form. Failure to timely submit this form or local business tax receipt may render the business ineligible for application of the Local Preference or Tie Break Criteria.

In accordance with Section 21.31.d. of the Broward County Procurement Code, to qualify for the Tie Break Criteria, the undersigned Vendor hereby certifies that (check box if applicable):

- The Vendor is a local Vendor in Broward County and:
  - a. has a valid Broward County local business tax receipt;
  - b. has been in existence for at least six-months prior to the solicitation opening;
  - c. at a business address physically located within Broward County;
  - d. in an area zoned for such business;
  - e. provides services from this location on a day-to-day basis, and
  - f. services provided from this location are a substantial component of the services offered in the Vendor's proposal.

In accordance with Local Preference, Section 1-74, et. seq., Broward County Code of Ordinances, a local business meeting the below requirements is eligible for Local Preference. To qualify for the Local Preference, the undersigned Vendor hereby certifies that (check box if applicable):

- The Vendor is a local Vendor in Broward and:
  - a. has a valid Broward County local business tax receipt issued at least one year prior to solicitation opening;
  - b. has been in existence for at least one-year prior to the solicitation opening;
  - c. provides services on a day-to-day basis, at a business address physically located within the Broward County limits in an area zoned for such business; and
  - d. the services provided from this location are a substantial component of the services offered in the Vendor's proposal.

Local Business Address: **2400 East Commercial Blvd.  
Suite 800  
Fort Lauderdale, FL 33308**

Vendor does not qualify for Tie Break Criteria or Local Preference, in accordance with the above requirements. The undersigned Vendor hereby certifies that (check box if applicable): The Vendor is not a local Vendor in Broward County.

<b>David Stickles</b>	<b>Project Manager   Vice President</b>	<b>Johnson, Mirmiran &amp; Thompson, Inc.</b>	<b>9/3/2019</b>
<b>AUTHORIZED SIGNATURE/NAME</b>	<b>TITLE</b>	<b>COMPANY</b>	<b>DATE</b>

Supplier: **Johnson, Mirmiran & Thompson**

**SUBCONTRACTORS/SUBCONSULTANTS/SUPPLIERS REQUIREMENT FORM**  
**Request for Proposals, Request for Qualifications, or Request for Letters of Interest**

The following forms and supporting information (if applicable) should be returned with Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit may affect Vendor's evaluation.

- A. The Vendor shall submit a listing of all subcontractors, subconsultants and major material suppliers (firms), if any, and the portion of the contract they will perform. A major material supplier is considered any firm that provides construction material for construction contracts, or commodities for service contracts in excess of \$50,000, to the Vendor.
- B. If participation goals apply to the contract, only non-certified firms shall be identified on the form. A non-certified firm is a firm that is not listed as a firm for attainment of participation goals (ex. County Business Enterprise or Disadvantaged Business Enterprise), if applicable to the solicitation.
- C. This list shall be kept up-to-date for the duration of the contract. If subcontractors, subconsultants or suppliers are stated, this does not relieve the Vendor from the prime responsibility of full and complete satisfactory performance under any awarded contract.
- D. After completion of the contract/final payment, the Vendor shall certify the final list of non-certified subcontractors, subconsultants, and suppliers that performed or provided services to the County for the referenced contract.
- E. The Vendor has confirmed that none of the recommended subcontractors, subconsultants, or suppliers' principal(s), officer(s), affiliate(s) or any other related companies have been debarred from doing business with Broward County or any other governmental agency.

If none, state "none" on this form. Use additional sheets as needed. Vendor should scan and upload any additional form(s) in BidSync.

1. Subcontracted Firm's Name: **Cummins Cederberg, Inc.**

Subcontracted Firm's Address: **901 Progresso Drive, Suite 205, Fort Lauderdale, FL 33304**

Subcontracted Firm's Telephone Number: **305-741-6155**

Contact Person's Name and Position: **Jason Cummins, PE**

Contact Person's E-Mail Address: **jcummins@cumminscederberg.com**

Estimated Subcontract/Supplies Contract Amount: **n/a**

Type of Work/Supplies Provided: **Coastal engineering, marine structural engineering, environmental permitting, biological assessments, resiliency studies, underwater inspections**

2. Subcontracted Firm's Name: **Delta G Consulting Engineers**

Subcontracted Firm's Address: **707 NE 3rd Ave. Suite 200, Fort Lauderdale, FL 33304**

Subcontracted Firm's Telephone Number: **954-527-1112**

Contact Person's Name and Position: **George SanJuan, PE | President**

**Supplier: Johnson, Mirmiran & Thompson**

**VOLUME OF PREVIOUS WORK ATTESTATION FORM**

The completed and signed form should be returned with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to provide timely may affect the Vendor's evaluation.

**This completed form MUST be included with the Vendor's submittal at the time of the opening deadline to be considered for a Tie Breaker criterion (if applicable).**

Points assigned for Volume of Previous Work will be based on the amount paid-to-date by the County to a prime Vendor **MINUS** the Vendor's confirmed payments paid-to-date to approved certified County Business Enterprise (CBE) firms performing services as Vendor's subcontractor/subconsultant to obtain the CBE goal commitment as confirmed by County's Office of Economic and Small Business Development. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must list all received payments paid-to-date by contract as a prime vendor from Broward County Board of County Commissioners. Reporting must be within five (5) years of the current solicitation's opening date.

Vendor must also list all total confirmed payments paid-to-date by contract, to approved certified CBE firms utilized to obtain the contract's CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date.

In accordance with Section 21.31.d. of the Broward County Procurement Code, the Vendor with the lowest dollar volume of work previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

**The Vendor attests to the following:**

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	Prime: Paid to Date	CBE: Paid to Date
1.	<b>Please see attached.</b>					
2.						
3.						
4.						
5.						
6.						
7.						

Grand Total

Has the Vendor been a member/partner of a Joint Venture firm that was awarded a contract by the County?

Yes  No

If Yes, Vendor must submit a **Joint Vendor Volume of Work Attestation Form**.

**Vendor Name: Johnson, Mirmiran & Thompson, Inc.**

**David Stickles**

**Vice President | Project**

**9/8/2019**

**Authorized Signature/Name**

**Manager  
Title**

**Date**

**VOLUME OF PREVIOUS WORK ATTESTATION JOINT VENTURE FORM**

If applicable, this form and additional required documentation should be submitted with the Vendor's submittal. If not provided with submittal, the Vendor must submit within three business days of County's request. Failure to timely submit this form and supporting documentation may affect the Vendor's evaluation.

If a Joint Venture, the payments paid-to-date by contract provided must encompass the Joint Venture and each of the entities forming the Joint Venture. Points assigned for Volume of Previous Work will be based on the amount paid-to-date by contract to the Joint Venture firm **MINUS** all confirmed payments paid-to-date to approved certified CBE firms utilized to obtain the CBE goal commitment. Reporting must be within five (5) years of the current solicitation's opening date. Amount will then be multiplied by the member firm's equity percentage.

In accordance with Section 21.31.d. of the Broward County Procurement Code, the Vendor with the lowest dollar volume of work previously paid by the County over a five-year period from the date of the submittal opening will receive the Tie Breaker.

**The Vendor attests to the following:**

Item No.	Project Title	Contract No.	Department/ Division	Date Awarded	JV Equity Percent	Prime: Paid to Date	CBE: Paid to Date
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							

Grand  
Total

Vendor is required to submit an executed Joint Venture agreement(s) and any amendments for each project listed above. Each agreement must be executed prior to the opening date of this solicitation.

**Vendor Name:**

Authorized Signature/Name

Title

mshepherd@jmt.com  
Date

**Supplier: Johnson, Mirmiran & Thompson**

**Security Requirements – Port Everglades**

- A. The Port Everglades Department requires persons to present, at port entry, a valid driver's license, and valid reason for wishing to be granted port access in order to obtain a temporary/visitor ID badge. For persons who will visit the Port more than 15 times in a 90 day period, a permanent identification badge must be obtained and paid for by the contractor for all employees, subcontractors, agents and servants visiting or working on the port project. A restricted access badge application process will include fingerprints and a comprehensive background check. Badges must be renewed annually and the fees paid pursuant to Broward County Administrative Code, Section 42.6. For further information, please call 954-765-4225.
- B. All vehicles that are used regularly on the dock apron must have a Dockside Parking Permit. Only a limited number of permits will be issued per business entity. The fee is \$100.00 per permit/vehicle. Individuals requesting a permit must possess a valid Port-issued Restricted Access Area badge with a "Dock" destination. Requests for Dockside Parking Permits must be submitted in writing, on company letterhead, to the ID Badge Office. Applicants must demonstrate a need for access to the dock apron. Requests shall be investigated, and approved, if appropriate justification is provided. Supporting documentation must be supplied, if requested. Dock permits are not transferable and must be affixed to the lower left corner of the permitted vehicle's windshield. Should the permit holder wish to transfer the permit to another vehicle during the term of issuance, the permit will be removed and exchanged at no charge for a new permit. Only one business entity representative will be permitted on the dock at a time at the vessel location.
- C. The Federal Government has instituted requirements for a Transportation Worker Identification Credential (TWIC) for all personnel requiring unescorted access to designated secure areas within Port Everglades. The contractor will be responsible for complying with the applicable TWIC requirements. For further information, please call 1-855-347-8371, or go on line to <https://www.tsa.gov/for-industry/twic>.