



The City of Hollywood

RFQ No: 318-25-WV |

FDEP Agreement No.: 22FRP13

# **Construction Engineering Inspections Services for Hollywood Tidal Flooding Mitigation and Shoreline Protection**

Due: July 1st, 2025

 **metric**

**Tab A**

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**Tab B**

# Executive Summary

## Tab B. Executive Summary

**Metric Engineering, Inc. (Metric)**, with the support of Delta Consultants, LLC (Delta) and Diaz-Murphy and Associates CES, LLC (DMA), is pleased to submit our proposal for *City of Hollywood Construction Engineering Inspection (CEI) Services for Hollywood Tidal Flooding Mitigation and Shoreline Protection*.

Metric was founded in 1976 on the principle of providing personalized consulting engineering services. Over the past 49 years, Metric has established a statewide reputation in the Florida transportation industry. Expanding from its headquarters in Miami, Metric has grown to serve public agencies across the state, and most recently throughout the southeastern United States. *Metric has also recently been recognized as a Women's Business Enterprise (WBE), certified by the Women's Business Enterprise National Council (WBENC).* We are also among the top consulting engineering firms specializing in civil and transportation projects and are *ranked among ENR Magazine's Top 100 Texas & Southeast Top Design Firms.*



### Office Locations

Below is a list of Metric's main office locations. *For this contract, our staff will be working out of Metric's Ft. Lauderdale office.*

Office	Address
Miami – Headquarters (HQ)	13940 SW 136 <sup>th</sup> St Miami, FL 33186
*Ft. Lauderdale	2200 W. Commercial Blvd, Ste 308 Ft. Lauderdale, FL 33309
Orlando (within the City of Lake Mary)	525 Technology Park, Ste 153 Lake Mary, FL 32746
Tampa	8875 Hidden River Pkwy, Ste 351 Tampa, FL 33637
Jacksonville	11760 Marco Beach Dr, Ste 1 Jacksonville, FL 32224
Panama City Beach	13405 Panama City Beach Pkwy, Ste D & E Panama City Beach, FL 32407
Chipley	1343 Brickyard Rd Chipley, FL 32428

\* = Location where Metric will perform the work for this contract.



## Corporate Officers and Principals

Below are the names of the Metric officers, directors and/or principals of Metric Engineering, Inc. A copy of our 2025 Annual Report has been provided in *Tab I – Required Forms/Exhibits*.

- Veronica Benitez Psy D – Director, CEO
- Javier Rodriguez PE – President
- Manuel A. Benitez – Director, CFO
- Mariley Perez – Director, COO, Secretary
- Victor M. Benitez PE – Executive Vice President
- Douglas K. Cauley PE - Executive Vice President
- Dale W. Cody PE PTOE - Executive Vice President
- Charles Stratton - Vice President
- W. Darrel Burnett PE - Executive Vice President
- Amy Y. Wiwi GISP - Vice President
- Robert A. Linares PE - Executive Vice President
- Nelson V. Perez PE CGC - Vice President / Regional Manager CEI South Florida
- Charles B. Fuller PE - Vice President
- Rolando Ramirez PE - Vice President
- Clifford Craig Carnes - Vice President
- Vivian Benitez – Vice President
- Ivonne Benitez – Director, Treasurer
- Michael McCrary – Vice President, Director of Business Operations CEI/EMS

## Supervisory Staff and Key Personnel



*Andres Castineiras, PE,  
LEED AP BD+C, ENV, SP  
/ SPE/PM*

Metric recognizes that a project of this scale needs skilled and experienced leaders to guide it successfully. The key staff for this project includes our proposed *Senior Project Engineer (SPE)/Project Manager (PM), Andres Castineiras, PE, LEED AP BD+C, Envision Sustainability Professional (ENV SP), Project Administrator (PA), Christopher Garcia, and Frances Grant*, our proposed *Senior Inspector (SI)*, who have a total of 72 years of CEI experience! In addition to this key staff, we have also proposed Metric's *Vice President (VP) and Regional Manager of SFL CEI, Nelson V. Perez, PE, CGC*, as our *Principal-in-Charge and primary Point of Contact (POC)* for this contract, and *Erin Smith, MS* will be our *Senior Environmental Scientist, and she is* Metric's Marine and Environmental Construction Compliance Specialist, who has abundant experience with environmental permit and regulatory compliance for construction activities in South Florida, including marine and tidal zone construction.

Overall, Metric's vision is to provide comprehensive, innovative solutions with a focus on technology, building long-term client relationships, and harboring a people-oriented, cooperative company culture. This ensures City of Hollywood staff that we will always treat the City as our #1 client! This is our CEO's vision, and it is carried down by each employee of the company. *Mr. Castineiras and our capable team will strive to provide the best possible professional services and solutions, as our team is fully committed to this project.*

## Key Elements of Metric's Response to the Request for Qualifications (RFQ)

In the tabs that follow, Metric has provided details of Metric's firm's qualifications and experience, detailed qualifications and experience of our team, our understanding of and approach to the requirements in the scope of work, relevant project history and completed references (*Tabs C-F*). We have also provided the requested support documentation, including a statement of financial resources, legal proceedings and performance, and all required forms and exhibits (*Tabs G-I*).



**Tab C**

Firm  
Qualifications  
and Experience

## Tab C. Firm Qualifications and Experience


### Years of Experience Providing Professional Service Related to the Scope of Work

As mentioned in *Tab B – Executive Summary*, Metric was founded in 1976. Today, we are among the top consulting engineering firms specializing in civil and transportation projects. *Over Metric's 49 years of business*, Metric has successfully *provided professional services* and has completed numerous large, complex transportation projects in the United States of America and abroad. This experience includes significant Florida Department of Transportation (FDOT) projects in District 4, and on behalf of Broward County Communities, such as construction of *30 miles of the new I-75 Alligator Alley stretch* and the replacement of the *Hallandale Beach Movable Bridge over the Intracoastal Waterway for the adjacent City of Hallandale Beach*. *This Metric team has the ability to satisfy all of the minimum qualifications and the scope of service requirements.* Our multidisciplinary workforce and strategically located regional offices enable us to provide both maximized local responsiveness and a diversified technical base. Our clients include local, county, state, and foreign governments as well as private clients. Much of our success in growing and diversifying can be attributed to our efforts to understand clients' emerging needs, as well as the expanding capabilities of our professionals.

Our motto is and has always been *"Done right the first time and every time"*. We will continue to live by those words and herein offer unwavering commitment and dedication to the City of Hollywood for this unique and most important project.

### Past Projects for Agencies of Similar Size and Scope

Below is a list of our team's past projects for different agencies, which are similar in size and scope to this current City of Hollywood project.

 (10/2023 – 02/2025) Miami-Dade County Department of Transportation and Public Works (DTPW) | Project No. EDP-MT-20210010, Work Order # 1 Rehabilitation of Bear Cut Bridge No. 874544 Over Biscayne Bay / Bear Cut, Rickenbacker Causeway, Miami-Dade County, FL

**Overall Scope of Work:** The project consisted of rehabilitation work, joint replacement at piers/abutment, superstructure repairs, CIP Substructure repair, bulkhead repairs, slope wall repair, and strengthening of existing prestress girders.

**Scope of work self-performed by Metric:** CEI

**Client:** Miami-Dade County DTPW | Christopher Yepez, EI | 111 NW 1<sup>st</sup> St, Ste 1600, Miami, FL 33128 | Phone: (305) 302-5988 | Fax: N/A | [Christopher.yepez@miamidade.gov](mailto:Christopher.yepez@miamidade.gov)







**metric** (10/2023 – 12/2024) Miami-Dade DTPW | Work Order # 1  
Venetian Causeway Bridge No. 874459 and No. 874474  
Hurricane Irma Repairs, Miami-Dade County, FL

**Overall Scope of Work:** The project consisted of repairing hurricane damage to the West Bascule Bridge, East Bascule Bridge, and East Generator Building on the Venetian Causeway. Work includes repair of the damaged fender systems, replacement of navigational lights, repair of spalled piles in the fender systems, repair of existing damaged roof tiles at both bridge tender houses and stucco/roof repairs at the East Generator Building.



**Scope of work self-performed by Metric:** CEI

**Client:** Miami-Dade County DTPW | Christopher Yepez, EI | 111 NW 1<sup>st</sup> St, Ste 1600, Miami, FL 33128 | Phone: (305) 302-5988 | Fax: N/A | [Christopher.yepez@miamidade.gov](mailto:Christopher.yepez@miamidade.gov)

**metric** (03/2018 – 03/2024; 12-2023 – 11/2028) FDOT District 6 | Districtwide Environmental Compliance Monitoring Consultant (Contract BE536 and BEG36); Districtwide Environmental Compliance Monitoring of Construction or Maintenance Projects (Contract BEG36), Miami-Dade and Monroe Counties, FL



**Overall Scope of Work:** Inspection and monitoring of all active construction sites and mitigation projects within FDOT District 6 to verify, document, and facilitate environmental permit compliance as well as compliance with related environmental commitments NEPA and local, state, and Federal regulations. Work includes preparation of environmental compliance documentation for pre-construction meetings, conducting routine inspections

of active construction sites, coordinating with project CEI staff to ensure continued environmental compliance with FDEP NPDES permits, SFWMD ERPs, Water Use and ROW permits, USACE Section 404 permits, USACE Section 408 clearances, FKNMS permits, NMFS, Miami-Dade County permits for off-system roads, protected species requirements and NEPA commitments, as well as coordination with FDOT and regulatory agency staff.



**Scope of work self-performed by Metric:** Metric performs extensive monitoring of FDOT Construction Projects throughout Miami-Dade and Monroe Counties, working side-by-side with project CEI to ensure all rules, regulations, permit conditions, contract specs and commitments are addressed by the contractor. Our environmental staff also monitors all active FDOT mitigation sites within Miami-Dade and Monroe Counties, investigates potential new mitigation sites, and produces site specific mitigation plans for unavoidable impacts to natural resources resulting from FDOT improvement projects. During the prior contract term (2018-2023), Metric provided extensive Hurricane Irma erosion repair environmental support including all scoping, field investigations and resource delineations, environmental design plans development, and all environmental regulatory agency coordination / documentation needed for acquisition of all permits or approvals from SFWMD, USACE, NMFS, USFWS, FKNMS, and FDEP.

**Client:** FDOT District 6 | Nathan Pulido, PE | 1001 NW 111<sup>th</sup> Ave, Miami, FL 33172 | Phone: (305) 470-5264 | Fax: N/A | [nathaniel.pulido@dot.state.fl.us](mailto:nathaniel.pulido@dot.state.fl.us)



(05/2024 – 04/2025) T4651 City of Boynton Beach Sidewalk and Bicycle Lane Improvements Project, Boynton Beach, FL

**Overall Scope of Work:** The project improvements consist of milling, resurfacing and reconstructing SR 804/Boynton Beach Blvd within project limits, expanding the existing sidewalk on the south side of SR 804/Boynton Beach Blvd to 15 ft and to 9 ft on the north side, performing drainage modifications to accommodate sidewalk expansion on SR 804/Boynton Beach Blvd, retrofitting pedestrian lighting at signalized intersections on SR 804/Boynton Beach Blvd, constructing a new pedestrian crossing at NW 3<sup>rd</sup> St and SR 804/Boynton Beach Blvd, installing shared lane bicycle markings (sharrows) in each direction of SR 804/Boynton Beach Blvd and on West Ocean Ave, and upgrading pedestrian signals, pavement markings, and signs.

**Scope of work self-performed by DMA:** Materials testing and inspection services

**Client:** HBC Engineering Company | Christopher Soto, PE, RSO | 9675 NW 117<sup>th</sup> Ave, Ste 305, Miami, FL 33178 | Phone: (305) 232-7932 | Fax: N/A | [csoto@hbcengineeringco.com](mailto:csoto@hbcengineeringco.com)



(04/2018 – 11/2021) Golden Glades Multimodal Terminal Facility, Miami-Dade County, FL

**Overall Scope of Work:** This project was located in the southwest quadrant of the Golden Glades Interchange. The project limits were bordered by the South Florida Rail Corridor (SFRC) to the north, SR 9A (I-95) to the east, and NW 159th Street/Block to the south. The building component consisted of the demolition of existing structures, construction of at-grade/surface parking, and a multi-story parking garage structure to support the MDT bus bays and covered platforms. New Intercity Bus Terminals with bus bays and an Intercity Bus Hub building were constructed along with all associated infrastructure to accommodate MD DTPW's ITS equipment within the Golden Glades Multimodal Terminal Facility (GGMTF). Passenger pick-up and drop-off areas, taxi and TNC staging areas, and pedestrian and bicycle facilities were constructed. Horizontal components included internal roadway improvements to efficiently circulate buses and commuters within the facility, drainage and utility improvements, landscape and hardscape. The roadway improvements included the widening of the I-95 Express Lanes ramps, installation of new I-95 Express Lanes ITS (gates, closed-circuit television, fiber optic, dynamic message signs and sign structures), and a new incident response area. Roadway improvements and new signalized intersections were also included for SR7, SR 9 and their Connector Road.

**Scope of work self-performed by DMA:** Materials testing and inspection services

**Client:** Pinnacle Consulting Enterprises, Inc. | Sergio Gonzalez, PE | 6 Palermo Ave, Coral Gables, FL 33134 | Phone: (786) 229-7222 | Fax: (480) 287-8936 | [sgonzalez@pinnaclecei.com](mailto:sgonzalez@pinnaclecei.com)



(05/2022 – 11/2024) Phase I Venetian Water and Sewer Main Replacement, Miami Beach, FL

**Overall Scope of Work:** The scope of work included the expedited design, permitting and construction of the emergency replacement of 2,200 LF of 10-inch Ductile Iron force main with new 12-inch HDPE (for an equivalent inside diameter) and another 2,200 LF of two 20-inch DIP water mains with new single 36-inch HDPE (for equivalent flow area) water main via Horizontal Directional Drill (HDD) between Rivo Alto and Belle Isle along the Venetian Causeway, including segment crossing the Miami Beach Venetian Bascule Bridge. The new water and sewer mains would replace the existing piping between the two isles and eliminate the mains currently installed crossing Venetian Isle bridges 9, 10 and 11. The project was designed to be constructed utilizing horizontal directional drills, the HDD approach was intended to completely by-pass the venetian bridges that were in poor structural conditions and are schedule for replacement in 2027.



**Scope of work self-performed by Delta:** CEI, Construction Administration and Lead Design Manager

**Client:** City of Miami Beach | Patricia Rendon, PE | 1700 Convention Center Dr, Miami Beach, FL 33139 | Phone: (305) 673-7080 | Fax: N/A | [patriciarendon@miamibeachfl.gov](mailto:patriciarendon@miamibeachfl.gov)



(03/2020 – 10/2020) Pump Station No. 28 Emergency Repairs, Miami Beach, FL

**Overall Scope of Work:** The project entailed the complete replacement of the intake and discharge valves for sewer Pump Station No. 28. It included the replacement of three (3) 30-inch and two (2) 36-inch faulty sewer plug valves along the Pine Tree Dr. corridor. In order to successfully complete the replacement of the valves line stops had to be installed at key locations to by-pass the sewer flows. A detailed construction sequencing plan was required for the valve replacement and to ensure all construction activities were properly coordinated. The COVID 19 pandemic that coincided with the beginning of the work further complicated the construction activities due to material delivery delays, lack of personnel, and safety concerns due to mandatory social distance requirements of the time.



**Scope of work self-performed by Delta:** CEI, Construction Administration and Lead Design Manager

**Client:** City of Miami Beach | Patricia Rendon, PE | 1700 Convention Center Dr, Miami Beach, FL 33139 | Phone: (305) 673-7080 | Fax: N/A | [patriciarendon@miamibeachfl.gov](mailto:patriciarendon@miamibeachfl.gov)

## Ability to Meet Time and Budget Requirements

As will be further explained in *Tab E – Approach to Scope of Work*, Metric's aggressive approach of expediting the resolution of open issues, performing separate pre-category meetings and ongoing constructability reviews in conjunction with the contractor and anticipating project challenges will facilitate the contractor to stay on schedule and control project costs. Metric will also ensure the proper use of contingency funds in the contract to address any unforeseen issues encountered that could impact time on the project, thereby minimizing the effects on the schedule and overall costs on the project. In addition, Mr. Andres Castineiras, PE, LEED AP BD+C, ENV SP (Metric) will maintain close communication with the City Construction Project Manager (CPM), informing them of any unforeseen issues, potential cost overruns, and delay impacts so the City is thoroughly aware of the major issues concerning the project at all times.



**CEI Budget Controls:** Metric will develop an internal process to ensure the submittal of all CEI invoices on time, meeting the requirements of the City CPM. The timely submittal of invoices will allow Metric as well as the City CPM and Accounting Department to monitor the use of funds for each of the positions in the contract, and identify early on if supplemental funds will be needed based on project completion stages. Metric will submit any needs for supplemental funds 12 weeks in advance of when the need is anticipated so the City can program funds accordingly. In addition, Metric will control overtime expenditures by planning ahead with the contractor how their activities will be covered to ensure full coverage when needed, and stagger inspection activities at those times when no presence is required. Our CEI project staff is also well cross-trained and can assist each other in covering multiple operations, minimizing the need for overtime. Metric will always strive to use effective means to control CEI expenditures.

## Business Structure

Metric is an S-Corporation, registered as a legal entity in the State of Florida. Our firm's primary address (Corporate Headquarters) and contact information is below.

Metric Engineering, Inc.  
13940 SW 136<sup>th</sup> St  
Miami, FL 33186  
Phone: (305) 235-5098  
Fax: (305) 235-5271  
Email: [corporatehq@metriceng.com](mailto:corporatehq@metriceng.com) or [nelson.perez@metriceng.com](mailto:nelson.perez@metriceng.com)

## Size of the Firm

Metric has over 400 Florida staff members, and we have the resources to support this contract. Below is a breakdown of our staff size, including management, technical and support staff.

Discipline	Number of Employees
Administrative	57
Construction Inspector	61
Construction Manager	26
Environmental Scientist	11
GIS Specialist	4
Planner: Urban/Regional	1
Structural Engineer	1
Technician/Analyst	197
Transportation Engineer	43

## Licenses and Other Pertinent Information

Copies of Metric's relevant licenses and certifications have been included in *Tab I – Forms/Exhibits*.



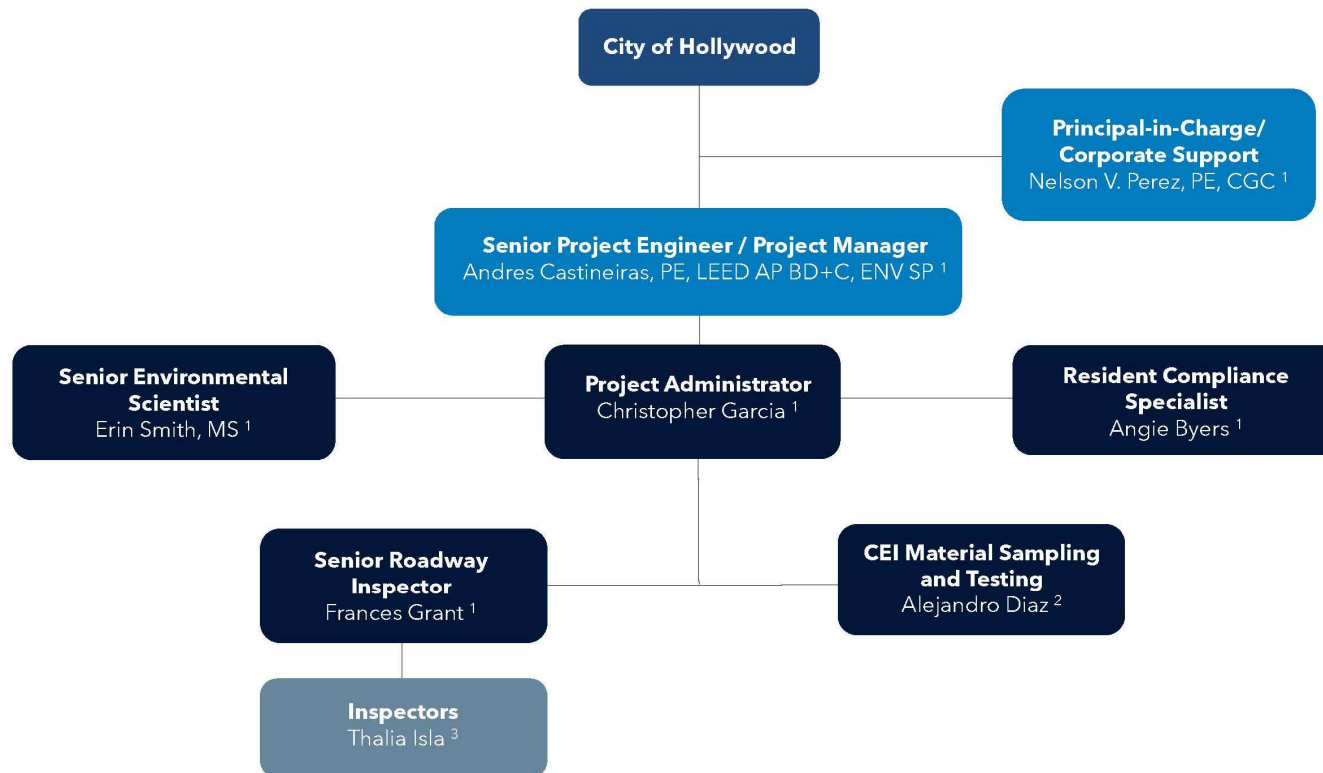
**Tab D**

# Organizational Profile and Project Team Qualifications

## Tab D. Organizational Profile and Project Team Qualifications

### Organizational Chart

Below is an Organizational Chart, which identifies each member of Metric's team and their role.



#### Legend

1. Metric Engineering, Inc.
2. Diaz-Murphy and Associates CES, LLC (DMA) (DBE/SBE)
3. Delta Consultants, LLC (Delta) (DBE)

## Staff Contribution to the Project, Level of Involvement and Expertise

**Staff Contribution to the Project** *Metric's proposed Senior Project Engineer/Project Manager, Andres Castineiras, PE, LEED AP BD+C, ENV SP*, will be responsible for administering the CEI contract, acting as the project spokesperson, and running the pre-construction conference, pre-utility meetings, bi-weekly progress meetings and all necessary pre-category meetings for critical activities during construction. He will be assisted by *Christopher Garcia*, who will act as a *Project Administrator*, communicating with the contractor on a daily basis to ensure all work is being performed in accordance with the plans, permits and the City of Hollywood policies and procedures. Mr. Garcia will also be responsible for contract support and will make sure all work is covered and documented as appropriate. Since it is anticipated that the contractor may work in multiple sites concurrently, Metric will have *Metric's Senior Roadway Inspector, Frances Grant, Inspector Thalia Isla (Delta Consultants, LLC (Delta))*, and *Alejandro Diaz (CEI materials sampling and testing) from Diaz-Murphy and Associates CES, LLC (DMA)*, available to assist Mr. Garcia. As required, our staff will ensure the contractor's operations are successfully being inspected and documented. Mr. Garcia will assist Mr. Castineiras in managing changes, preparation of as-builts, documenting project quantity measurement and payment, and reviewing the contractor's invoices and preparation of all corresponding final documents. Metric's proposed *Senior Environmental Scientist, Erin Smith, MS*, will be available to assist the team in all environmental and permit compliance issues, and *Resident Compliance Specialist (RCS), Angie Byers*, will ensure the contractor complies with all federal requirements and regulations for this contract and Equal Employment Opportunity (EEO) provisions.

**Level of Involvement** Below is a chart, which shows the anticipated involvement for our team's personnel on this contract.

Team Member	Involvement
Andres Castineiras, PE, LEED AP BD+C, ENV SP	20%
Nelson V. Perez, PE, CGC	As-Needed
Christopher Garcia	50%
Frances Grant	100%
Angie Byers	20%
Erin Smith, MS	20%
Alejandro Diaz	10%
Thalia Isla	100%

**Metric Staff Expertise** Metric's proposed *Senior Project Engineer/Project Manager (PM)* is *Andres Castineiras, PE, LEED AP BD+C, ENV SP*. Mr. Castineiras is a dedicated and results-driven Civil Engineer with 20 years of experience in design, development, and implementation of infrastructure projects. Mr. Castineiras is a Florida state-certified Professional Engineer (PE), a certified Envision Sustainability Professional (ENV SP) and is LEED AP Building Design + Construction certified. He's had extensive involvement with CEI projects for FDOT and Miami-Dade County, managing and coordinating design projects in District 6, as well as overseeing all the maintenance of state assets along with limited access facilities in Miami-Dade and Monroe Counties. Through years of experience and continuous learning, he has cultivated a deep understanding of the unique challenges and opportunities inherent in transportation infrastructure. By fostering strong partnerships with government agencies, private sector stakeholders, and local communities, he strives to deliver transportation solutions that not only meet the needs of today but also anticipate the demands of tomorrow.





Metric's Vice President and Regional Manager of SFL CEI, *Nelson V. Perez, PE, CGC*, will be acting as the *Principal-in-Charge and Corporate Support* for this contract. Mr. Perez has over 40 years as CEI Senior Project Engineer for the construction, rehabilitation, and widening of multiple roadways and bridges in South Florida including steel structures, bascule bridges, posttensioned concrete structures, cast in place box segmental structures, rapid transit infrastructure, Toll buildings, ITS components, concrete box culverts and concrete pavement. Mr. Perez served as Corporate Project Manager for

multiple CEI Projects in several municipalities including: City of Miami Drainage and Water Infrastructure Improvements at SW 72 Ave between SW 8 St and SW 4 St; City of Homestead SW 344 Street from SW 172 Avenue to SW 137 Avenue; FDOT District VISW 8 Street/Calle Ocho Reconstruction from Palmetto Expressway to SW 27 Avenue; City of Homestead Pioneer Village Development; Village of Pinecrest Resurfacing Program; DERM/DORM Canal Dredging and Drainage Projects for Miami Dade County, City of Doral Canal Revetment Projects, City of Miami Beach Neighborhood Infrastructure Improvements from West 41 Ave to West 46 Ave.

Metric's proposed *Project Administrator* is *Christopher Garcia*. Mr. Garcia has 18 years of experience in construction engineering and inspection (CEI) of roadways, bridges, streetscapes, and trailways. His responsibilities include inspection and supervision of construction activities such as drainage, earthwork, bridges, walls, guardrail, asphalt, signalization, ITS, lighting and material testing. His experience also includes coordination and reporting of material certifications, log books, and MAC.



Metric's proposed *Senior Roadway Inspector* is *Frances Grant*. has over three decades of CEI experience in new construction, reconstruction, M&R projects, bridge construction, bridge rehabilitation, concrete pavement, drainage, utility installation, highway lighting and signalization construction, as well as surveying. She has extensive experience of interstate and arterial highway projects. Additional hands-on expertise includes MSE wall systems, vibration monitoring, environmental permit compliance, complex traffic control phasing, earthwork operations, surveying, and signalization.

Frances is very knowledgeable of materials sampling, testing, and reporting requirements, quality control and verification testing frequencies, as well as the requirements established in the field standards for final estimates. She possesses a definitive understanding in the use of materials quality acceptance programs, such as MAC, as well as PrC and CPAM.

Metric's proposed *Resident Compliance Specialist (RCS)* is *Angie Byers*. Mrs. Byers has over 19 years of construction inspection experience. She is currently serving as a Contract Support Specialist / Resident Compliance Specialist on several projects. Ms. Byer's duties include scanning and inputting information and documents into FDOT's Electronic Document Management System (EDMS), hard copy Operator, data entry time sheets, EEO and Disadvantage Business Enterprise (DBE) requirements and monitoring on projects.







Metric's proposed *Senior Environmental Scientist* is *Erin Smith, MS*. Ms. Smith brings a wealth of relevant environmental knowledge to the team. She has 9 years of experience and specializes in wildlife and benthic resource surveys and monitoring. She also administers Metric's Environmental Compliance and Mitigation Monitoring contract with FDOT and conducts inspections of active construction sites to document compliance with environmental permits, local, state and federal regulations, and NEPA requirements. Additionally, she prepares environmental documents and reports, provides guidance to contractors, and provides a variety of data tracking, QC/QA, GIS analysis, and other related services for Metric's projects. She is also one of Metric's Federal Aviation Authority (FAA) certified drone pilots and a certified Protected Species Observer with Florida Wildlife Commission (FWC) approvals to survey or monitor American Kestrel, Audubon's Crested Caracara, Burrowing Owl, and Imperiled Beach Nesting Birds.

#### Subconsultant Expertise – Diaz-Murphy and Associates CES, LLC (DMA)



**DMA** is a certified Small Business Enterprise (SBE), Woman/Minority-Owned Business Enterprise (WMBE), and DBE firm, specializing in Construction Materials Testing and Inspection services throughout Florida. With FDOT- and CMEC-certified laboratories in Kendall and Key West, their team brings extensive experience in Contractor Quality Control and Owner Verification services for complex, multi-million-dollar projects.

DMA offers deep expertise in Greater Miami Expressway (GMX, formerly Miami-Dade Expressway (MDX)) Quality Control and Quality Assurance (QA/QC). Between 2008 and 2022, their team (under previous affiliations) led the development and implementation of QC/QA programs, performed monthly audits, created reporting systems, and provided training to stakeholders including verification testing (VT), CEI, and constructability QC (CQC) personnel.

DMA's project portfolio spans numerous major initiatives, including I-595, I-75, I-95, SR 25 (Okeechobee Rd), US 27, the HEFT extension, Golden Glades Multimodal Transportation Facility, South Corridor Rapid Transit, and various airport terminals. They are currently providing verification services for FDOT Districts 4 and 6 under the CAQ86 contract and for the Florida Turnpike Enterprise (FTE) under Contract CAP 12.

DMA's familiarity with the scope of work, budgeting, contract requirements, and established relationships with GMX and FDOT personnel – along with their proprietary tracking and reporting systems – position DMA as a trusted partner delivering measurable value.

Founded on integrity, experience, and reliability, DMA remains committed to excellence, diversity, and the success of every client and team member.

*Mr. Alejandro Diaz* will be responsible for *CEI materials sampling and testing* for this City of Hollywood contract. Mr. Diaz has over 15 years of experience in the South Florida construction industry. Mr. Diaz has successfully acted as Laboratory Manager and Project manager for multiple projects for private and public clients. His extensive knowledge of laboratory accreditation requirements has allowed him to achieve and maintain certifications with multiple agencies such as ASTM Cement and Concrete Reference Laboratory (CCRL), American Association of State Highway and Transportation Officials





(AASHTO) Accreditation Program (AAP), AASHTO Materials Reference Library (AMRL), United States Army Corps of Engineers (USACE), and the FDOT Inspection-In-Depth (IID) program.

#### Subconsultant Expertise – Delta Consultants, LLC (Delta)



Delta is a South Florida headquartered civil engineering firm that takes pride in being 100% minority and woman owned. Their professional staff are not only proficient project managers but are also technical subject matter experts that are experienced in the

design, permitting, and construction of water, wastewater, stormwater, roadway, and site civil projects. Their team's primary focus is on the seamless execution and delivery of major public infrastructure projects, ensuring that we add value to their clients at every stage.

With a strong emphasis on innovation, collaboration, and technical excellence, Delta is committed to providing top-tier engineering solutions for today's complex infrastructure challenges. Their multidisciplinary approach allows them to address each project holistically; leveraging their expertise in various fields to deliver sustainable, cost-effective, and environmentally responsible results that contribute to the betterment of their communities.



*Mrs. Thalia Isla* is being proposed as an *Inspector* for this City of Hollywood contract. Mrs. Isla is a hydraulics engineer that has experience in the design, permitting and inspection of water, wastewater resources and environmental engineering. She has experience developing complex hydraulic calculations for water, wastewater, and stormwater projects. Mrs. Isla has substantial experience with AutoCAD and AutoCAD Civil 3D in the preparation of detailed site civil projects, complex mechanical systems, pumps station design and in the development of gravity and pressure pipe networks.

She has a strong technical background and knowledge with a focus in hydraulics engineering that is put into practice in the design, permitting and estimating of water resources infrastructure. Leveraging this expertise, Mrs. Isla has developed the detailed design of several key resilience projects.

### Resumes and Certifications

Resumes and certifications for the Metric team's proposed staff can be found on the pages that follow.



TIN: C23501485

## Technical Expertise

LAP

MRP

Utility Coordination

## Years of Experience

20 Years

## Education

B.S., Civil Engineering, Florida International University (FIU)  
(Jul 2018)

B.S., Construction Management, Florida International University (FIU)  
(Dec 2011)

## Professional Registrations

- Professional Engineer – FL # 92436
- LEED AP Building Design + Construction – # 10717525
- Envision Sustainability Professional – # 21601

## Certifications/Training

- CTQP Asphalt Paving Level 1 & 2 (04/2026)
- CTQP Drilled Shaft Inspection (03/2026)
- CTQP Final Estimates Level 1 & 2 (02/2026)
- CTQP QC Manager
- CTQP Auger Cast Pile Inspector (Written)
- FDOT Advanced TTC #7720 (09/2025)

## Professional Profile

Mr. Castineiras is a dedicated and results-driven Civil Engineer with two decades of experience in design, development, and implementation of infrastructure projects. Mr. Castineiras is a Florida state-certified Professional Engineer (PE), a certified Envision Sustainability Professional (ENV SP) and is LEED AP Building Design + Construction certified. He's had extensive involvement with CEI projects for FDOT and Miami-Dade County, managing and coordinating design projects in District 6, as well as overseeing all the maintenance of state assets along limited access facilities in Miami-Dade and Monroe Counties. Through years of experience and continuous learning, he has cultivated a deep understanding of the unique challenges and opportunities inherent in transportation infrastructure. By fostering strong partnerships with government agencies, private sector stakeholders, and local communities, he strives to deliver transportation solutions that not only meet the needs of today but also anticipate the demands of tomorrow.

## Experience

**10/2024 – Present: Senior Project Engineer: Pre-Event Tropical Storm / Hurricane Construction Engineering & Inspection Services (2024-2027), FDOT District 1:** Metric was contracted to provide Disaster Monitoring/Construction Engineering and Inspection (CEI) services required for contract administration, disaster related damage assessment, debris monitoring, recovery monitoring, construction inspection for emergency work and environmental clearance support for the event preparation and recovery efforts in District 1. Contract services will be performed on a task assignment basis. *Cost: \$5M; FPID: 443533-1-62-02; Client/Contact: Anita Michael, (863) 519-2256, anita.michael@dot.state.fl.us*

**Hurricane Milton (2024):** FDOT District 1 activated the Metric team to provide debris monitoring services as a result of this category three hurricane event making landfall near Siesta Key Sarasota County, Florida and moved from the west coast exiting Florida on the east coast in Brevard County, Florida on October 9, 2024. This storm brought damaging winds, storm surge and flooding, as well as tornados. This hurricane spawned 65 confirmed, highly destructive and deadly tornadoes, as well as a record number of tornado warnings (126) in the state of Florida during a single day.

**06/2021 – 04/2024: Florida Department of Transportation, Miami, FL:**

**02/2023 – 04/2024: Project Manager & Asset Maintenance Work Program Manager: Asset Maintenance Contractors in Miami-Dade and Monroe County, and oversight for the Port of Miami Tunnel Operations and Maintenance Phase:** Reviewed, monitored and coordinated the preparation, scheduling and execution of work order driven, asset maintenance and other performance-based contracts. Administered all contract requirements including the Asset Maintenance Monitoring Plan as required, enforcement of the Maintenance Rating Program (MRP) payment retainage and/or penalties as required. Ensured timely encumbrance and expenditure of funds within the fiscal year time frame. Coordinated between the State Maintenance Office, Department of Corrections, District Maintenance Office, Districts Contracts Office and local maintenance and construction offices to ensure the development and implementation of the Maintenance Contract Program. Managed the operations and maintenance phase of the Public-Private-Partnership Concession Agreements. Reviewed the audit findings performed by the Operations Center and Traffic Operations and issued non-compliance assessments. Review and approve lane closure requests. Coordinate the review of permit applications. Manage the District Asset Maintenance (AM) program including Managed Lanes Area contracts to ensure consistent administration of all Asset Maintenance/Managed Lanes Area contracts within the district. Developed the District Maintenance Asset Maintenance/Managed Lanes Quality Assurance program. Coordinate and provide direction, support and training to the asset maintenance/managed lanes contract staff at the Operation Centers and the District Maintenance Office to ensure compliance and

### Certifications/Training (Cont.)

- Auger Cast Pile CBT
- MSE Wall CBT (Scheduled)
- PTI Level 1 (Scheduled)
- FDEP Florida Stormwater, Erosion, and Sedimentation Control Inspector
- Nuclear Radiation Safety
- FDOT Supervisor Academy (Dec 2021)
- FDOT Project Management Academy (Feb 2023)
- FDOT Managed Field Ethernet Switch (MFES) Module
- FDOT Closed Circuit Television Camera (CCTV) Module
- FDOT Microwave Vehicle Detection System (MVDS) Module
- FDOT Roadway Weather Information System (RWIS) Module
- FDOT Dynamic Message Sign (DMS) Module
- FEMA 100
- FEMA 200
- FEMA 300 (Scheduled)
- FEMA 700
- FEMA 800

conformity of contracting operations within established guidelines, policies, standards and procedures as it pertains to asset maintenance. Participated in statewide AM meetings and addressed issues. Advised higher level district and/or Central Office managers on problems or policies related to contract administrative issues. Managed public relations and resolution of customer concerns related to assigned projects under contract. Maintain contact with elected officials, general public, and representatives conducting business with the Department. *Cost: N/A; Contract: CAC54, CAC58, CAR86, E6N37, E6M77, E6F67; Client/Contact: Leonard Salazar, P.E., (305) 470-5498, leonard.salazar@dot.state.fl.us*

06/2022 – 02/2023: *Consultant Management Project Manager II: 13 Design Projects with various work types including Milling and Resurfacing (RRR), Pavement Rehabilitation, and Safety Projects*: Managed and performed engineering work for design projects with general supervision. Assisted other local agency project managers in coordinating projects on state system. Advised and assisted consultants in application and determination of technical work such as geometric design, traffic analysis, plans quantity calculations, cost analysis, pavement structure design and interpretation of engineering policy and overall plans preparation for major design projects. Assists other local agency project managers in coordinating projects on state system. Coordinated review of work packages of consultants such as but not limited to, Line & Grade submittals, Initial Plans Review, Final Plans Review, Structure Plans, Bridge Development Report, Bridge Hydraulic Recommendation, Pond Siting Report, Pavement Constructability, and other various technical report and submittals as required from the Design consultant. Coordinated with discipline project managers for the preparation of project-specific scope of services, staff hour estimates, consultant staff hour negotiations, contract execution and maintenance. Attended meetings and field reviews. Served as liaison and spokesperson on behalf of the Department with public, federal, state, and local agencies, elected officials and private parties as required. Provided periodic reports to management concerning problems, delays, etcetera. *Cost: Various; FPIDs: 445987-1, 446001-1, 447798-1, 447801-1, 449362-1, 445998-1, 447800-1, 445988-1, 447802-1. Client/Contact: Judy Solaun-Gonzalez, P.E., (305) 470-5343, Judy.Solaun@dot.state.fl.us*

10/2021 – 06/2022: *Construction Project Administrator II: Miscellaneous Construction*: This project was located within various locations in Miami-Dade County, Florida. The contract had a broad construction scope, which included signalization (intersection improvements), roadway widening, milling/resurfacing/stripping. Responsibilities included overseeing construction contract work; quantifying contract items monthly to prepare and process progress payments, requesting clarification for construction issues/conflicts with Engineers of Record, weekly or bi-weekly progress meetings, coordinating with utility owners to complete utility work schedule or conflicts that arise, reviewing and approving lane closure request in LCIS system, updating and preparing of Final As-built plans, coordinating with interdepartmental personnel to inspect and accept contract work performed and ensuring conformance with plans, specifications, and other applicable manuals. *Duration: 700+ Days/On-going, Cost: \$700,000; FPIDs/Contract: E6N23 (446263-1), E6N57 (438034-1); Client/Contact: George Hoffman, P.E., (305) 401-1560, George.Hoffman@dot.state.fl.us*

06/2021 – 06/2022: *Construction Project Administrator II: SR 5/US-1 at SW 112 Avenue/Allapattah Road*: This project was located within the City of Cutler Ridge, Florida. The project had a very broad construction scope, which included signalization (four new mast arms), lighting, drainage improvement, roadway widening, milling/resurfacing/stripping. Responsibilities included overseeing construction contract work; quantifying contract items monthly to prepare and process progress payments, requesting clarification for construction issues/conflicts with Engineers of Record, weekly or bi-weekly progress meetings, coordinating with utility owners to complete utility work schedule or conflicts that arise, reviewing and approving lane closure request in LCIS system, updating and preparing of Final As-built plans, coordinating with interdepartmental personnel to inspect and accept contract work performed and ensuring conformance with plans, specifications, and other applicable manuals. *FPIDs: 439916-1-52-01, 439913-1-52-01, 440176-1-52-01; Client/Contact: George Hoffman, P.E., (305) 401-1560, George.Hoffman@dot.state.fl.us*

**\* Mr. Castineiras has additional experience not shown on his resume, which spans from 2009 – 2021.**





Ron DeSantis, Governor

Melanie S. Griffin, Secretary



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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

**CASTINEIRAS, ANDRES O.**

15760 S W 139 ST  
MIAMI FL 33196

**LICENSE NUMBER: PE92436**

**EXPIRATION DATE: FEBRUARY 28, 2025**

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GREEN BUSINESS CERTIFICATION INC. CERTIFIES THAT

**Andres Castineiras**

HAS ATTAINED THE DESIGNATION OF

**LEED AP<sup>®</sup> Building Design + Construction**

by demonstrating the knowledge and understanding of  
green building practices and principles needed to  
support the use of the LEED<sup>®</sup> green building program.

**10717525-AP-BD+C**

CREDENTIAL ID

**30 DEC 2019**

ISSUED

**29 DEC 2025**

VALID THROUGH

A handwritten signature in black ink that reads "Peter Templeton".

PETER TEMPLETON  
PRESIDENT & CEO  
U.S. GREEN BUILDING COUNCIL & GREEN BUSINESS CERTIFICATION INC.





ENVISION™

# ANDRES CASTINEIRAS

ENVISION SUSTAINABILITY PROFESSIONAL

Has received the Envision Sustainability Professional credential upon successful completion of the requisite training and exam.

**Sep 11, 2024**

Issued On

**Sep 11, 2025**

Valid Through

Anthony O. Kane, President and CEO  
Institute for Sustainable Infrastructure



Institute for  
Sustainable  
Infrastructure

## CTQP Training History Report

**Report for:** Andres Castineiras

**TIN:** C23501485\*\*\*\*

**Report Date:** 06/23/2025

### Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving Level 1	3003302	2023-03-20	2026-04-30
Asphalt Paving Level 2	3003300	2021-04-30	2026-04-30
Drilled Shaft Inspection	3002205	2021-03-20	2026-03-20
Final Estimates Level 1	3000916	2023-05-10	2026-02-02
Final Estimates Level 2	3000915	2021-02-02	2026-02-02
QC Manager	3002302	2021-03-26	2099-01-01

### Expired Qualifications

Qualification Name	Certificate Number	Valid from	Expired on
Asphalt Paving Level 1	N/A	2013-03-19	2018-03-19
Asphalt Paving Level 1	N/A	2018-03-20	2023-03-20
Concrete Field Technician Level 1	N/A	2013-01-26	2018-01-26
Concrete Field Technician Level 1	N/A	2018-02-23	2023-02-23
Drilled Shaft Inspection	N/A	2015-04-25	2020-07-31
Earthwork Construction Inspection Level 1	N/A	2017-03-22	2022-03-22
Earthwork Construction Inspection Level 2	N/A	2017-03-24	2022-03-24
Final Estimates Level 1	N/A	2013-05-09	2018-05-09
Final Estimates Level 1	N/A	2018-05-09	2023-05-10
Pile Driving Inspection	N/A	2012-03-28	2017-03-28
Pile Driving Inspection	N/A	2017-03-11	2022-03-29

### Pending Qualifications

Qualification Name
Auger Cast Pile Inspector

## Requirements

Requirement Name	Result	Valid from	Expired on
30 Days Experience on a Construction Project Involving Earthwork Operations	MET	1900-01-01	2099-01-01
90 Days Experience Asphalt Paving Operations or Asphalt Roadway Testing	MET	1900-01-01	2099-01-01
ACI Concrete Field Testing Technician Certificate	MET	1900-01-01	2099-01-01
Asphalt Paving - Level 1 - Proficiency Exam	MET	2013-03-19	2018-03-19
Asphalt Paving - Level 1 - Proficiency Exam	MET	2018-03-20	2023-03-20
Asphalt Paving - Level 1 - Written Exam Requirement	PASS	2013-03-19	2018-03-19
Asphalt Paving - Level 1 - Written Exam Requirement	PASS	2018-03-20	2023-03-20
Asphalt Paving - Level 2 - Written Exam Requirement	PASS	2021-04-30	2026-04-30
Auger Cast Pile Inspector - Written Exam Requirement	PASS	2024-06-01	2029-06-01
Drilled Shaft Inspection - Proficiency Exam	MET	2015-04-25	2020-04-25
Drilled Shaft Inspection - Proficiency Exam	MET	2021-03-20	2026-03-20
Drilled Shaft Inspection - Written Exam Requirement	PASS	2015-04-25	2020-04-25
Drilled Shaft Inspection - Written Exam Requirement	PASS	2021-03-20	2026-03-20
Earthwork Construction Inspection - Level 1 - Proficiency Exam	MET	2017-03-22	2022-03-22
Earthwork Construction Inspection - Level 1 - Written Exam Requirement	PASS	2013-02-22	2018-02-22
Earthwork Construction Inspection - Level 1 - Written Exam Requirement	PASS	2017-03-22	2022-03-22
Earthwork Construction Inspection - Level 2 - Written Exam Requirement	PASS	2017-03-24	2022-03-24
FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	2013-02-08	2018-02-08
FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	2018-02-23	2023-02-23
Final Estimates - Level 1 - Written Exam Requirement	PASS	2013-05-09	2018-05-09
Final Estimates - Level 1 - Written Exam Requirement	PASS	2018-02-23	2023-02-23
Final Estimates - Level 2 - Written Exam Requirement	PASS	2021-02-02	2026-02-02
Monitored 10 Drilled Shafts, at least 5 Shafts constructed with Wet Method	MET	1900-01-01	2099-01-01

Monitored 15 Driven Piles, at least 10 Piles driven with Open Diesel Hammers	MET	1900-01-01	2099-01-01
Nuclear Radiation Safety Certificate	MET	1900-01-01	2099-01-01
Pile Driving Inspection - Written Exam Requirement	PASS	2012-03-28	2017-03-28
Pile Driving Inspection - Written Exam Requirement	PASS	2017-03-11	2022-03-11
QC Manager - Written Exam Requirement	PASS	2021-03-26	2026-03-26

## Nelson V. Perez, PE, CGC

Principal-in-Charge/Corporate Support



TIN: V43663554

### Technical Expertise

CEI  
Quality Control  
Project Management  
Structures  
Highway Design

### Years of Experience

46 Years

### Education

M.S., Civil/Transportation  
Engineering (1978)  
B.S., Civil Engineering,  
Georgia Institute of  
Technology (1976)

### Professional Registrations

- Professional Engineer – FL #32025
- Professional Engineer – GA, AL, PR
- General Contractor License - FL #049696

### Certifications/Training

- CTQP Quality Control Manager (Exam)
- FDOT Advanced MOT #611280 (05/2027)
- Critical Structures 2013 Self Study
- MSE Wall CBT
- IS-100.C
- IS-200.C
- IS-300.C (Scheduled)
- IS-700.B
- IS-800.D

### Professional Profile

Mr. Perez has over 40 years as CEI Senior Project Engineer for the construction, rehabilitation, and widening of multiple roadway and bridges in South Florida including steel structures, bascule bridges, posttensioned concrete structures, cast in place box segmental structures, rapid transit infrastructure, Toll buildings, ITS components, concrete box culverts and concrete pavement. Mr. Perez served as Corporate Project Manager for multiple CEI Projects in several municipalities including: City of Miami Drainage and Water Infrastructure Improvements at SW 72 Ave between SW 8 St and SW 4 St; City of Homestead SW 344 Street from SW 172 Avenue to SW 137 Avenue; FDOT District VISW 8 Street/Calle Ocho Reconstruction from Palmetto Expressway to SW 27 Avenue; City of Homestead Pioneer Village Development; Village of Pinecrest Resurfacing Program; DERM/DORM Canal Dredging and Drainage Projects for Miami Dade County, City of Doral Canal Revetment Projects, City of Miami Beach Neighborhood Infrastructure Improvements from West 41 Ave to West 46 Ave.

### Experience

**10/2022 – Present: VP, Regional Manager for SFL CEI: Metric Engineering, Inc.:** Vice President for Metric's SFL CEI group, and serves as a regional manager for SFL CEI, including FDOT Districts 4 and 6, as well as Collier County in FDOT District 1. Currently overseeing projects with Miami-Dade County, including bridge repairs at Venetian Causeway, Bear Cut Bridge and SW 136<sup>th</sup> St over the C-100 Canal and the new bridge at SW 87<sup>th</sup> Ave in Palmetto Bay, FL. *Contract: E18-DTPW-02 / 20170307, Client/Contact: N/A, Contract Amount: Various*

**02/2017 – 09/2022: Senior Project Engineer: I-395 Signature Bridge Project, FDOT District 6:** Mr. Perez served as the Senior Project Engineer in charge of construction administration for the MDX and I-95 segments within the \$802 Million I-395/SR 836/I-95 "Signature Bridge" Project which is a partnership between the Florida Department of Transportation (FDOT) and the Miami-Dade Expressway Authority (MDX). The \$186 Million MDX 83611 Project includes a new 4 lane Viaduct constructed above the existing SR 836 extending from NW 18 Ave to the SR 836 and I-95 Interchange which will connect directly to Miami Beach through the new I-395 corridor. The MDX project also includes construction of several new bridges in the interchange over I-95 and the widening of the SR 836 EB to I-95 NB ramp to two lanes. The Viaduct construction overhead required a complex 488 FT long Beam Launcher and multiple Main Support Beams to construct the Viaduct over the existing SR 836 from the top at night with lane closures and thereby mitigate the effects to the SR 836 motoring public. The substructure of the Viaduct involved construction of 30" diameter auger-cast piles 80 to 90 FT in depth with thermal integrity testing. The MDX project also included the strengthening of the substructure and superstructure of several existing SR 836 bridges with carbon fiber reinforcing and cap enlargement with self-consolidated concrete. The limits on the \$25.5 Million I-95 section are from NW 8 Street to NW 29 Street and included total concrete pavement replacement of I-95 sections of 5 to 6 lanes and the addition of one lane on NB I-95 from the interchange to NW 29 St. It also included traffic rail retrofit of several bridges on I-95, widening of I-95 connector ramps from SR 836 and I-395 and widening of the connector ramps bridge over NW 17 St. Other improvements included new drainage, new guardrail and ITS. *This is an ongoing project, however Mr. Perez had to leave the project, due to his previous company being sold. Client/Contact: FDOT District 6, Jacqueline Sequeira P.E overall Project Manager, (305) 986-2551 and Sergio Besu CGC, (305) 301-1081 GMX (formerly MDX) PM, Construction Cost: \$1.01B*

**03/2012 – 09/2016: Senior Project Engineer: NW 25th Street from SR 826 to NW 89th Court / Viaduct West Phase, FDOT District 6.:** Mr. Perez was in charge of the Construction Administration for the project, including but not limited to overseeing construction field activities and documentations, implementation of QA/QC procedures, preparation of work orders, supplemental agreements in accordance with FDOT procedures and preparation and submittal of the Certified Final Estimates. Served as the project spokesperson and provided guidance and recommendations in response to contractors' requests for extra work. Construction of project consisted of widening and reconstruction of NW 25th Street, widening ramps to and from SR 826 and construction of a 0.6-mile viaduct from NW 82nd Ave to SR 826 constructed



over the westbound lanes of NW 25th Street. *Construction Cost: \$60M; FPID: 251185-1-52-01/405665-1-52-01; Client/Contact: FDOT District 6, Andres Berisiartu, P.E., (305) 525-4976*

**07/2007 – 03/2012: Senior Project Engineer: NW 25th Street Viaduct, FDOT District 6:** Mr. Perez was in charge of the Construction Administration for the project, which involved reconstruction of NW 25 Street from NW 67th Avenue to SR 826/Palmetto Expressway including construction of a Viaduct or elevated 2 lane bridge to provide access to the Miami West Cargo Area from SR 826 Palmetto Expressway. The Project involves difficult structural steel erection, 24" prestressed pile foundations, bulkhead sheet pile wall construction and significant drainage improvements. This project finished 100 days ahead of schedule and won the *2012 FTBA best in construction award in the category of "Major Bridge"*. *Construction Cost: \$124M; Client/Contact: FDOT District 6, Andres Berisiartu P.E., (305) 525-4976; FPID: N/A*

**05/2007 – 12/2007: Project Principal: SR A1A Over Intracoastal Waterway Bascule Bridge Fender Repair, FDOT District 4:** Ensure project quality assurance/quality control. Responsible for the resolution of all major project issues. Managed all CEI personnel. Ensure coordination with US Coast Guard for all work in the Intracoastal waterway. This was a \$700k fender replacement and catwalk system replacement project on the Intracoastal Waterway in Broward County. *Contract Amount: \$700k; Client/Contact: FDOT District 4, Melvin Finch, (561) 862- 8834; FPID: N/A*

**09/2004 – 06/2007: Senior Project Engineer: Greater Miami Expressway Agency (GDX) (formally MDX), SR-836 Extension Construction Engineering and Inspection Oversight (CEIO):** CEIO of the new four-lane extension of SR 836 from NW 107th Avenue to NW 137th Avenue including the construction of 137th Avenue from SW 8th Street to NW 12th Street (83605). This was a \$170 million Design-Build project for GDX (83605) which included the construction of approx. 3.0 miles of two lanes divided highway from NW 107th Avenue to NW 137th Avenue and the reconstruction of NW 137th Avenue from NW 12th Street to SW 8th Street. This project also included the construction of seven Steel Box Girder Bridges and two AASHTO Beam Bridges. The project also included significant environmental remediation work, such as the effective removal and disposal of approximately 300,000 cubic yards of solid waste as part of the construction of the new trumpet type interchange at NW 137th Ave. *Construction Cost: \$170M; FPID: N/A; Client/Contact: GMX, Sergio Besu, (305) 301-1081, sbesu@eacconsult.com*

**06/1998 – 03/2003: Hallandale Beach Blvd. Bridge Replacement, Broward County, FDOT District 4:** The work consisted of widening and reconstruction of 1.6 miles of I-95, two ramps at the I-95/SR 836 Interchange and construction of three new ramps within the interchange, including construction of the Steel Braided Connector to facilitate NB I-95 traffic to access SR 112 / I-95 exit ramps and avoid weaving with NB on-ramp traffic from SR 395. The majority of the roadway improvements on I-95 and the new ramps construction consisted of new 9" thick concrete pavement. It also involved construction/installation of over 20,000 LF of pre-stressed concrete beams, 4800 ft of drilled shafts and 34,200 LF of pre-stressed concrete piling. The work also involved extensive night operations and daily coordination of maintenance of traffic for three different working on the I-95/SR 836 and I-95/SR 112 Interchanges. *Construction Cost: \$6M; FPID: N/A; Client/Contact: FDOT District 4, Melvin Finch, (561) 862- 8834, Melvin.finch@dot.state.fl.us*

**03/1997 – 01/1999: Corporate Manager: FDOT District 4, Las Olas Bascule Bridge Rehabilitation Project:** This superstructure rehabilitation project of the Bascule Span over the Intracoastal waterway including replacement of steel main girders, diaphragms, new handrail, new electrical refurbishing and Control House Improvements. *Construction Cost: \$14M; FPID: N/A; Client/Contact: FDOT District 4, Melvin Finch, (561) 862-8834, Melvin.finch@dot.state.fl.us*

**01/1994 – 12/1996: CEI Resident Engineer: FDOT District 6, Collins Avenue Reconstruction:** These two Miami-Dade County projects improved the level of service along a 2-mile section of SR-A1A (Collins Ave.) by providing reconstruction, resurfacing, drainage improvement, left-turn storage and access modifications. Two construction contracts were administered under one CEI agreement. Project 87060-3503 involved roadway reconstruction, milling, resurfacing and incidental work along a 1.5-mile section between 163 St. and 195 St. Project 87060-3504 covered roadway reconstruction, milling, resurfacing and incidental work for a 0.4 mile section from 158 St. to 1,000 feet south of 163 St. Projects involved complex management of utility relocation work involving 6 different utility contractors and extensive public involvement during construction. *Projects: 87060-3503 and 87060-3504; Client/Contact: FDOT District 6, Ron Klein, (352) 318-0143*

**04/1991 – 06/1994: CEI Resident Engineer: FDOT District 6, I-95 Expansion Projects, Miami-Dade County:** CEI Resident Engineer for Projects 87270-3508/3475/3415 totaling approx. \$27 million construction cost. Work comprised of widening and reconstruction of 1.6-miles of I-95, 2 ramps at the I-95/SR-836 Interchange and construction of 3 new ramps within the interchange. The majority of the roadway improvements on I-95 and the new ramps comprised of construction of new concrete pavement (9" thick). It also involved construction of over 20,000 LF of pre-stressed beams, 4,800 ft. of drilled shafts and 34,200 ft. of pre-stressed concrete piling. Work also involved extensive night operations and daily coordination of maintenance of traffic for 3 different contractors working on the I-95/SR-836 and I-95/SR-112 Interchanges. *Projects: 87270-3508, 87270-3475, and 87270-3415; Client/Contact: FDOT District 6, Ron Klein, (352) 318-0143; Construction Cost: \$27M*

**\*Mr. Perez has additional experience not shown on his resume, which spans from 1986 – 1991.**

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Department of Business  
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## LICENSEE DETAILS

1:33:34 PM 6/23/2025

### Licensee Information

Name:	<b>PEREZ, NELSON V. (Primary Name)</b>
Main Address:	<b>12956 SW 143 TERRACE MIAMI Florida 33186</b>
County:	<b>DADE</b>
License Mailing:	<b>12956 SW 143 TERRACE MIAMI MIAMI FL 33186</b>
County:	<b>DADE</b>

### License Information

License Type:	<b>Professional Engineer</b>
Rank:	<b>Prof Engineer</b>
License Number:	<b>32025</b>
Status:	<b>Current,Active</b>
Licensure Date:	<b>03/19/1982</b>
Expires:	<b>02/28/2027</b>

### Special Qualifications

### Qualification Effective

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### Alternate Names

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## CTQP Training History Report

**Report for:** Nelson Perez

**TIN:** V43663554\*\*\*\*

**Report Date:** 06/23/2025

### Valid Qualifications

No Matching Valid Qualification Records Found

### Expired Qualifications

Qualification Name	Certificate Number	Valid from	Expired on
Asphalt Paving Level 1	N/A	2004-06-08	2009-06-08

### Pending Qualifications

No Matching Pending Qualification Records Found

### Requirements

Requirement Name	Result	Valid from	Expired on
Asphalt Paving - Level 1 - Proficiency Exam	MET	2004-06-08	2009-06-08
Asphalt Paving - Level 1 - Written Exam Requirement	PASS	2004-06-08	2009-06-08
Quality Control Manager - Written Exam Requirement	PASS	2004-01-22	2099-01-01

# Christopher Garcia

Project Administrator



TIN: G62010384

## Technical Expertise

MAC

ITS

Material Certifications

## Years of Experience

18 Years

## Education

B.S., Civil Engineering,

Florida International

University (FIU) (Ongoing)

A.S., Engineering Art, Miami  
Dade College, 2006

## Certifications/Training

- CTQP Concrete Field Technician Level 1 (06/2026)
- CTQP Drilled Shaft Inspection (01/2028)
- CTQP Final Estimates Level 1 & 2 (08/2025)
- CTQP Earthwork Construction Level 1 & 2 (01/2027)
- CTQP Pile Driving Inspection (08/2026)
- CTQP QC Manager
- CTQP Auger Cast Pile Inspector (Written)
- Nuclear Radiation Safety Certificate
- ACI Transportation Construction Inspector Level 2

## Professional Profile

Mr. Christopher Garcia has 18 years of experience in construction engineering and inspection (CEI) of roadways, bridges, streetscapes, and trailways. His responsibilities include inspection and supervision of construction activities such as drainage, earthwork, bridges, walls, guardrail, asphalt, signalization, ITS, lighting and material testing. His experience also includes the coordination and reporting of material certifications, log books, and MAC.

## Experience

**10/2023 – Present: Project Administrator: EDP-MT-20210010 / E18-DTPW-02 / 20170307 Work Order #1 Department of Transportation and Public Works Construction Engineering and Inspection Services and Resident Compliance Services for Florida Department of Transportation Local Agency Program (2023-2025), Miami-Dade County:**

Metric is acting as Miami-Dade County's representative, providing project inspection and construction management services. Mr. Garcia's responsibilities include, but are not limited to: constructability and technical plan reviews and "Value Engineering", analyzing construction project requirements, assigning field personnel, delivering material samples to the County's designated lab provider and providing coordination with the lab, compliance, distribution of project correspondence, schedule review, records maintenance, estimates, monthly progress reports, public outreach, participation in meetings, issuance of construction work orders, and assistance with emergency contracts when required by the County. Metric is also providing field observation and inspection services including project documentation, QA/QC, notification of the County in the event of an incident on-site, coordinating material testing needs, and recommendation of final payment and acceptance of the punch list. Tasks performed under this contract are listed below. *Contract: EDP-MT-20210010, E18-DTPW-02, and 20170307; Overall Construction Cost: \$13.1M, Client/Contact: Christopher Yepez, EI, (305) 302-5988, Christopher.yepez@miamidade.gov*

[Venetian Causeway Bridge Work Order #1 No. 874459 and No. 874474 Hurricane Irma Repairs \(2023-2024\): CEI Bridge Project Manager for the Venetian Causeway Hurricane Irma Repairs:](#)

The project consists of repairing hurricane damages to the West Bascule Bridge, East Bascule Bridge, and East Generator Building on the Venetian Causeway. Work includes repair of the damaged fender systems, replacement of navigational lights, repair of spalled piles in the fender systems, repair of existing damaged roof tiles at both bridge tender houses, and stucco/roof repairs at the East Generator Building. *Construction Cost: \$1M*

[PW Project No. 20210010 / EDP-MT-20210010 Work Order #1 Rehabilitation of Bear Cut Bridge No. 874544 Over Biscayne Bay / Bear Cut, Rickenbacker Causeway \(2023-2025\):](#)

Interim CEI Bridge Inspector for the rehabilitation of Bear Cut Bridge. The project consists of rehabilitation work, joint replacement at piers/abutment, superstructure repairs, CIP Substructure repair, bulkhead repairs, slope wall repair, and strengthening of existing prestress girders. *Construction Cost: \$3.5M*

[Bridge Replacement at SW 136<sup>th</sup> St. Over the C-100 Canal Bridge Work Order # 3 No. 874420 \(2024-2025\): CEI Project Administrator for SW 136<sup>th</sup> St. Bridge:](#)

Project consists of the removal of existing bridge and the construction of a new fixed bridge over the C-100 canal. Work includes, clearing and grubbing, guardrail, sign installation, lighting, barrier walls, aluminum bullet rails, proposed substructure & superstructure bridge components, removal of existing piles, new precast piles, reinforcing steel inspections, dredging of C-100 Canal, articulating block, fencing, drainage adjustments, curb & gutter, roadway operations, class IV finish, sidewalk, shared use path, milling & asphalt operations, performance turf, and striping. Duties include coordination of the QC & VT field and lab testing, compliance, distribution of project correspondence, schedule review, estimates, monthly progress reports, participation in meetings, issuance of construction work orders, the creation of spreadsheets for the tracking of construction quantities for pay estimates. *Construction Cost: \$3.1M*

### Certifications/Training (Cont.)

- ACI Concrete Field Technician Level 1
- FDOT Concrete Field Inspector Spec.
- FDOT Critical Structures
- FDOT MSE Wall CBT
- FDOT ADA Accessible D-Lite Training
- FDOT LAP Project CBT
- FDOT Advanced MOT #611528 (06/2027)
- Auger Cast Piles CBT
- PTI Level 1 (Scheduled)
- National Traffic Incident Management Responder
- ARTBA Trenching & Excavation Course
- IMSA Traffic Signal Inspector
- IMSA Traffic Signal Technician Level 1
- IMSA Traffic Signal Inspector for Advanced Technologies
- NPDES Florida State Erosion and Sediment Control Inspector
- RTA Safety Training
- OSHA 10 Hr. Safety Certification
- FEMA IS-100
- FEMA IS-200
- FEMA IS-300.C (Scheduled)
- FEMA IS-700
- FEMA IS-800

**10/2019 – 09/2023: Assistant Project Administrator: I-95 Express Lanes Phase 3B-2 from South of Glades Road to South of Linton Boulevard., FDOT District 4, Palm Beach County, FL (Job# E4T19):** Assistant Project Administrator for the proposed 6 miles of construction of I-95 which consisted of one added lane and a High Occupancy Vehicle (HOV) lane converted to create two express lanes in each direction, from Glades Road to Linton Boulevard, installing ramp signalization, Intelligent Transportation System (ITS), tolling equipment, widening bridges and road, sound walls, MSE Walls, tree relocation, clearing and grubbing, earthwork, drainage, asphalt paving, guardrail, sign installation, lighting median barrier walls, and striping. In addition, this project also consisted of a diverging diamond interchange (DDI) at Glades Road and complete demo and reconstruction of the Clint Moore Bridge. Also, the coordination of material testing between VT & QC Inspectors. He was also in charge of Density log books reviews, audits, material certifications and MAC. *Construction Cost: \$148M; Contract: E4T19; Client/Contact: Scott Passmore, PE, D4, (561) 370-1104, scott.passmore@dot.state.fl.us*

**07/2016 – 10/2019: Senior Inspector: I-95 Express Lanes Phase 3A-2 from North of Commercial Boulevard to South of SW 10th Street, FDOT District 4, Broward County, FL (Job# E4Q64):** Senior Inspector for the proposed 7 miles of construction of I-95 which consisted of one added lane and the High Occupancy Vehicle (HOV) lane that was converted to create two express lanes in each direction, ramp signalization from Cypress Creek Road to Sample Road, installing intelligent Transportation System (ITS), tolling equipment, widening bridges and road, sound walls, MSE walls, tree relocation, clearing and grubbing, earthwork, drainage, asphalt paving, guardrail, sign installation, lighting median barrier walls, and striping. Also, the coordination of material testing between VT & QC Inspectors. He was also in charge of Density log books reviews, audits, material certifications and MAC, along with assisting in the closeout of the project. *Construction Cost: \$154M; Contract: E4Q64; Client/Contact: Christian Rojas, FDOT D4, (954) 958-7669, christian.rojas@dot.state.fl.us*

**01/2016 – 07/2016: Senior Inspector: Martin Luther King Blvd./Hammonville Rd. between FL Turnpike to Powerline Rd. – (LAP) City of Pompano Beach / FDOT District 4, Broward County FL:** Senior Inspector for the construction which consisted of clearing and grubbing, earthwork, drainage, asphalt paving, concrete curb, landscape, striping, sign installation, ADA Ramps, concrete median islands with left turn lanes, sidewalks, lighting, lighting, bus stops, sewer lines, water main relocation, guard rail, handrail, road widening, and irrigation. Also, the coordination of material testing between VT & QC Inspectors and coordination with City personnel for inspections. *Construction Cost: \$2.9M; FPID: N/A, Client/Contact: Horacio Danovich, CIP Manager, City of Pompano CRA, (954) 786-7834.*

**07/2014 – 01/2016: Senior Inspector: A1A Washout Project from South of Sunrise Boulevard to NE 18th Street, FDOT District 4, Broward County, FL:** Senior Inspector for wide beachfront promenade on the east side of A1A consisting of a paver sidewalk and installation of decorative sea wall with accent lighting. The construction of a raised median in front of Birch State Park and median islands with left turn lanes in the residential area of the project. The installation of new drainage system, relocation of underground utilities, new beach showers, new beach entrances, driveways, curb and gutter, ADA Ramps, asphalt paving, stamped asphalt crosswalks, decorative turtle-friendly pedestrian lighting on both sides of A1A, and the installation of signalized pedestrian crosswalks at Birch State Park, NE 15<sup>th</sup> Court and NE 17<sup>th</sup> street. Also included installation of drilled shafts for new mast arms and signalization. *Construction Cost: \$11.8M; FPID: N/A, Client/Contact: Yveins Jean Pierre, FDOT 4, (954) 940-7504*

**\*Mr. Garcia has additional experience not shown on his resume, which spans from 2011 – 2014.**



## CTQP Training History Report

**Report for:** Christopher Garcia

**TIN:** G62010384\*\*\*\*

**Report Date:** 06/24/2025

### Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Concrete Field Technician Level 1	3006417	2021-10-05	2026-06-26
Drilled Shaft Inspection	3017121	2023-01-10	2028-01-10
Earthwork Construction Inspection Level 1	3008276	2022-01-28	2027-01-28
Earthwork Construction Inspection Level 2	3008313	2022-01-27	2027-01-27
Final Estimates Level 1	2004696	2020-08-15	2025-08-15
Final Estimates Level 2	2004439	2020-08-15	2025-08-15
Pile Driving Inspection	N/A	2021-08-17	2026-08-17
QC Manager	N/A	2010-04-09	2099-01-01

### Expired Qualifications

Qualification Name	Certificate Number	Valid from	Expired on
Asphalt Paving Level 1	N/A	2008-05-05	2013-05-05
Asphalt Paving Level 1	N/A	2014-01-16	2019-01-16
Asphalt Paving Level 1	N/A	2014-02-12	2019-02-12
Asphalt Paving Level 1	N/A	2019-02-07	2024-02-07
Asphalt Paving Level 2	N/A	2008-05-05	2013-05-05
Asphalt Paving Level 2	N/A	2014-02-12	2019-02-12
Asphalt Paving Level 2	N/A	2019-02-07	2024-02-07
Concrete Field Technician Level 1	N/A	2007-01-12	2011-10-21
Concrete Field Technician Level 1	N/A	2011-10-05	2016-10-05
Concrete Field Technician Level 1	N/A	2016-09-10	2021-09-10
Concrete Field Technician Level 1	3005198	2021-09-10	2021-10-05
Drilled Shaft Inspection	N/A	2018-01-10	2023-01-10
Earthwork Construction Inspection Level 1	N/A	2006-09-27	2011-09-27

Earthwork Construction Inspection Level 1	N/A	2012-01-27	2017-01-27
Earthwork Construction Inspection Level 1	N/A	2017-01-11	2022-01-28
Earthwork Construction Inspection Level 2	N/A	2010-04-09	2015-04-09
Earthwork Construction Inspection Level 2	N/A	2017-01-27	2022-01-27
Final Estimates Level 1	N/A	2008-04-04	2013-04-04
Final Estimates Level 1	N/A	2015-07-02	2020-08-15
Final Estimates Level 2	N/A	2010-07-06	2015-07-06
Final Estimates Level 2	N/A	2015-07-02	2020-08-15
Pile Driving Inspection	N/A	2016-08-17	2021-08-17

## Pending Qualifications

Qualification Name
Auger Cast Pile Inspector

## Requirements

Requirement Name	Result	Valid from	Expired on
30 Days Experience on a Construction Project Involving Earthwork Operations	MET	1900-01-01	2099-01-01
90 Days Experience Asphalt Paving Operations or Asphalt Roadway Testing	MET	1900-01-01	2099-01-01
ACI Concrete Field Testing Technician Certificate	MET	1900-01-01	2099-01-01
ACI Concrete Field Testing Technician Certificate	MET	2021-06-26	2026-06-25
Asphalt Paving - Level 1 - Proficiency Exam	MET	2006-09-18	2011-09-18
Asphalt Paving - Level 1 - Proficiency Exam	MET	2014-01-16	2019-01-16
Asphalt Paving - Level 1 - Written Exam Requirement	PASS	2006-09-18	2011-09-18
Asphalt Paving - Level 1 - Written Exam Requirement	PASS	2014-01-16	2019-01-16
Asphalt Paving - Level 2 - Written Exam Requirement	PASS	2008-05-05	2013-05-05
Asphalt Paving - Level 2 - Written Exam Requirement	PASS	2014-02-12	2019-02-12
Asphalt Paving - Level 2 - Written Exam Requirement	PASS	2019-02-07	2024-02-07
Auger Cast Pile Inspector - Written Exam Requirement	PASS	2024-04-13	2029-04-13
Drilled Shaft Inspection - Proficiency Exam	MET	2014-06-21	2019-06-21

Drilled Shaft Inspection - Proficiency Exam	MET	2018-01-10	2023-01-10
Drilled Shaft Inspection - Written Exam Requirement	FAIL	2014-06-21	2019-06-21
Drilled Shaft Inspection - Written Exam Requirement	PASS	2017-11-01	2022-11-01
Drilled Shaft Inspection - Written Exam Requirement	PASS	2022-12-15	2027-12-15
Earthwork Construction Inspection - Level 1 - Proficiency Exam	MET	2006-09-27	2011-09-27
Earthwork Construction Inspection - Level 1 - Proficiency Exam	MET	2012-01-27	2017-01-27
Earthwork Construction Inspection - Level 1 - Written Exam Requirement	PASS	2006-09-27	2011-09-27
Earthwork Construction Inspection - Level 1 - Written Exam Requirement	PASS	2012-01-27	2017-01-27
Earthwork Construction Inspection - Level 1 - Written Exam Requirement	PASS	2017-01-11	2022-01-11
Earthwork Construction Inspection - Level 1 - Written Exam Requirement	PASS	2021-12-04	2026-12-04
Earthwork Construction Inspection - Level 2 - Written Exam Requirement	PASS	2010-04-09	2015-04-09
Earthwork Construction Inspection - Level 2 - Written Exam Requirement	PASS	2017-01-27	2022-01-27
Earthwork Construction Inspection - Level 2 - Written Exam Requirement	PASS	2021-12-04	2026-12-04
FDOT Concrete Field Inspector Specification - Written Exam Requirement	FAIL	2006-11-03	2011-11-03
FDOT Concrete Field Inspector Specification - Written Exam Requirement	FAIL	2006-11-27	2011-11-27
FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	2007-01-12	2012-01-12
FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	2011-10-05	2016-10-05
FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	2016-09-29	2021-09-29
FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	2021-09-02	2026-10-05
Final Estimates - Level 1 - Written Exam Requirement	PASS	2008-04-04	2013-04-04
Final Estimates - Level 2 - Written Exam Requirement	PASS	2010-07-06	2015-07-06
Final Estimates - Level 2 - Written Exam Requirement	PASS	2015-07-02	2020-07-02

Final Estimates - Level 2 - Written Exam Requirement	PASS	2020-08-15	2025-08-15
Monitored 10 Drilled Shafts, at least 5 Shafts constructed with Wet Method	MET	1900-01-01	2099-01-01
Monitored 15 Driven Piles, at least 10 Piles driven with Open Diesel Hammers	MET	2019-10-08	2099-01-01
Nuclear Radiation Safety Certificate	MET	1900-01-01	2099-01-01
Pile Driving Inspection - Written Exam Requirement	PASS	2016-08-17	2021-08-17
Quality Control Manager - Written Exam Requirement	PASS	2010-09-01	2099-01-01

## Erin M. Smith, MS

Senior Environmental Scientist



### Technical Expertise

Marine and Wildlife Biology  
Permit Compliance  
Wetland, Upland, and Coastal  
Landscape Plan and Permit  
Reviews  
Ecosystem Inspections  
Data Analysis  
NEPA Documentation

### Years of Experience

10 Years

### Education

B.S. Earth & Environmental  
Sciences, Virginia Wesleyan  
College (2015)  
M.S., Marine Biology, Nova  
Southeastern University  
(2018)

### Certifications

- FDEP Certified Stormwater, Erosion, and Sedimentation Control Inspector No. 41040
- FNGLA Certified Horticulture Professional No. HC11 11822 (12/2021)
- Protected Species Observer Certification (7/2021)
- PADI Certified, Open Water SCUBA # 15100H8247
- FAA Certified Small Unmanned Aircraft/Drone Pilot
- Certified Wildlife Rehabilitator
- SFAEP Wetland Delineation Training
- OSHA Certified Environmental Specialist Training
- FWC IBNB Permitted Monitor LSIT-24-00336

### Professional Profile

Ms. Smith brings a wealth of relevant environmental knowledge to the team. She provides wildlife and resource surveys as well as landscape inspections, conducts site reviews for environmental permit and NEPA compliance, prepares environmental documents, oversees contractors, and provides in-house support including a variety of data tracking, QC/QA, and other related services for Metric's projects.

### Experience

**Senior Environmental Scientist/Deputy PM: Districtwide Environmental Compliance Monitoring of Construction or Maintenance Projects, FDOT District 6** - This contract provides inspection and monitoring oversight of all active construction and monitoring, maintenance, and other site management efforts for all mitigation sites with FDOT District 6, to verify, document and facilitate environmental permit compliance, as well as compliance with related environmental commitments. Work includes preparation of environmental compliance documentation for preconstruction meetings, conducting routine inspections of active construction sites, reviews of proposed staging areas, pre- and post-construction inspections, coordinating with project CEI staff to ensure continued environmental compliance with FDEP NPDES permits, SFWMD ERPs, Water Use and ROW permits, USACE Section 404 permits and Sec 408 clearances, FKNMS permits, Miami-Dade drainage, dewatering, and coastal permits for off-system roads, and NEPA commitments, as well as coordination with FDOT and regulatory staff. Metric also provides mitigation planning, surveys, and documentation for incoming projects. Ms. Smith provides contract and project management, site inspections, natural resources surveys and documentation, and agency and design coordination for this contract.

**Senior Environmental Scientist/Project Coordinator: Districtwide Environmental Compliance Monitoring Consultant (2018-2023), Miami-Dade and Monroe Counties, FDOT District 6:** This contract provides inspection and monitoring oversight of all active construction sites within FDOT District 6, to verify, document and facilitate environmental permit compliance, as well as compliance with related environmental commitments. Work includes preparation of environmental compliance documentation for preconstruction meetings, conducting routine inspections of active construction sites, reviews of proposed staging areas, pre- and post-construction inspections, coordinating with project CEI staff to ensure continued environmental compliance with FDEP NPDES permits, SFWMD ERPs, Water Use and ROW permits, USACE Section 404 permits and Sec 408 clearances, FKNMS permits, Miami-Dade drainage, dewatering, and coastal permits for off-system roads, and NEPA commitments, as well as coordination with FDOT and regulatory staff. Conducted extensive MS4 inventory, inspections, and annual reporting support activities in 2022 and 2023. Ms. Smith provided contract/project management, field inspections, and coordination with project staff for this contract.

**Senior Environmental Scientist: I-395/SR-836 Design-Build and NEPA Re-Evaluation, Miami-Dade County, FDOT District 6:** This high-profile project involves the construction of a new signature bridge in downtown Miami, additional decks and multiple lanes on I-395 and SR 836, and substantial improvements to the Overtown Neighborhood. Specifically, the project entails reconstruction of I-395, SR-836, and a portion of I-95 from SW 17<sup>th</sup> Avenue west of I-95/Midtown Interchange to Biscayne Bay, a distance of approximately 1.5 miles. Improvements to the corridor are considered necessary to provide for the existing and projected traffic demand. Environmental support provided to-date includes leading of all permit-related coordination and support to NEPA re-evaluation efforts. Permits obtained include SFWMD ERP & Water Use, USACE NWP, Miami Dade County Class II drainage and Class V dewatering permits, and FDEP Class V, Group 6 disposal well permit, and FDEP NPDES Construction General Permits. Metric also provides continuous NPDES/SWPPP inspection and reporting oversight. Ms. Smith performed the required wildlife surveys (Florida Bonneted Bat), assisted with the NEPA re-evaluation documents, and assisted with NPDES site inspections and reporting oversight.



**Environmental Scientist: Districtwide Mitigation Site Development, Maintenance and Monitoring, Miami-Dade and Monroe Counties, FDOT District 6:** Under this contract, Metric's Environmental Engineering staff led and coordinated all monitoring, maintenance, and other site management efforts for all FDOT District 6 wetland mitigation sites. Mitigation areas included mangrove, freshwater herbaceous wetland, Keys tidal rock barren and Keys tropical hardwood hammock habitats, seagrass, and coral mitigation sites. Also involved extensive environmental support for Hurricane Irma emergency erosion repairs including all scoping, field investigations, resource delineations, environmental design plans development, and all environmental regulatory agency coordination / documentation needed for acquisition of all permits or approvals from SFWMD, USACE, NMFS, USFWS, FKNMS, and FDEP. Ms. Smith assisted with natural resource data collection and analysis for this contract.

Selected work performed to date:

**Monroe County Detailed Damage Inspection Reports (DDIRs):** Conducting post-Hurricane Irma inspections to document areas of erosion requiring stabilization and adjacent sensitive resources. Work performed includes collecting mean high-water line, delineation of seagrasses, corals, mangroves, and wetlands, GIS data analysis, designer and agency coordination, and assistance with permit document and submittal preparation.

**Boca Chica Lagoon Seagrass Mitigation:** developed modified monitoring plan for assessment of seagrass coverage and establishment within a 90-acre seagrass site, conducting ongoing coordination with regulatory agencies for credit calculation, allocation and tracking.

**4-Acre Borrow Pit Mitigation:** prepared comprehensive mitigation plan for submittal to the South Florida Water Management District and US Army Corps of Engineers for assignment of after-the-fact mitigation credit to a previously restored borrow pit.

**Environmental Scientist: Districtwide Permits Consultant (Sub to AECOM), FDOT District 6 -** Services under this contract include the preparation of complete Federal, State and other environmental permit application packages, agency coordination, biological surveys, construction permit and National Environmental Policy Act (NEPA) commitment compliance monitoring, mitigation design and monitoring, literature reviews, report preparation, and other related tasks on a District-wide basis. Specific tasks include determination of the need for Federal, State and other environmental permits; preparation of the permit application packages and associated agency coordination; environmental sampling; identification of appropriate mitigation; problem-solving; document preparation; permit and environmental commitment compliance monitoring of FDOT construction sites; construction staging area environmental reviews and other related tasks. Ms. Smith provided natural resources surveys and documentation, design coordination, and permitting support for this contract.

**Environmental Scientist: US 231 Design, Bay County, (Sub to BCC Engineering), FDOT District 3:** Wetland delineations and permitting for this complex project adding additional lanes and fly-overs to US 231 in Panama City. The ongoing project also involves field evaluations and reviews of many potential pond sites as well as coordination regarding potential impacts to the protected species. Ms. Smith assisted with wetland delineations, mapping, and evaluation of impacts to other natural resources and protected species for this contract.

**Environmental Specialist: Districtwide Traffic Engineering & Safety Design Services (Sub Role; Prime: TEDS), Florida's Turnpike Enterprise:** Subconsultant to TEDS for environmental support services. Project entails all-natural resource inspections, delineations, data collection, analysis, and documentation required to confirm regulatory exemption or obtain permits to authorize installation or replacement of signage, conduit, support structures, and other related installations. Ms. Smith provides environmental resource surveys and data analysis for this contract.

**Environmental Scientist: Districtwide ITS Services (Statewide), Florida's Turnpike Enterprise:** Project entails all natural resource inspections, delineations, data collection, analysis, and documentation (reports, ownership reviews, permit applications etc.) required to apply for and obtain any environmental or right-of-way permits needed to authorize installation or replacement of signage, conduit, support structures, and other related installations. Ms. Smith provides environmental resource surveys and data analysis for this contract.

**Sr. Environmental Scientist: Monroe County Mooring Feasibility Analysis, Monroe County:** This project entailed the analysis of benthic resources, shoreside facilities, regulatory requirements, bathymetry, access, and related attributes to determine a preferred alternative location out of three sites proposed by the County. Work entailed benthic surveys, GIS map development, shoreside facility inspection and documentation, regulatory agency (FDEP, SFWMD, FKNMS, USACE) meetings and coordination, and presentation of the findings to the County Commission. In addition, design details and permitting/construction pricing were provided to facilitate preparation of design and construction bid documents. Ms. Smith assisted with benthic surveys, site inspection, data analysis, and agency and municipality coordination for this contract.

I **UNITED STATES OF AMERICA** XI

DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME

**ERIN MICHELLE SMITH**

V ADDRESS 1069 NW 81ST TER  
PLANTATION FL 33322-5747

VI NATIONALITY USA

IVa D.O.B. 17 NOV 1991

SEX HEIGHT WEIGHT HAIR EYES  
F 63 130 BLOND BROWN

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II **REMOTE PILOT**

III CERTIFICATE NUMBER

**4240097**

X DATE OF ISSUE

**25 MAR 2019**

XIV

*OK Elmer*

VIII

**ACTING ADMINISTRATOR**



**U**

**A**

**S**

# QUALIFIED STORMWATER MANAGEMENT INSPECTOR

The undersigned hereby acknowledges that

**Erin M. Smith**

has successfully met all requirements necessary to be fully qualified through  
the Florida Department of Environmental Protection Stormwater Erosion  
and Sedimentation Control Inspector Training Program



Hal Lunsford  
Statewide Training Coordinator

***September 20, 2018***

***Inspector Number 41040***



Kevin Coyne  
WQRP Program Administrator



# Open Water Diver



**ERIN M. SMITH**



**Diver No. 15100H8247**

**BirthDate 17-Nov-1991**

**Cert.Date 11-Oct-2015**

**Instr.No. OWSI-326540**

**CHRISTOPHER J. GRACE**

**22608**

**N.S.U.**

**FT LAUDERDALE, FL**

**954 262 7042**

**This qualification meets ISO 24801-2: Diver Level 2 – Autonomous Diver Standard**  
This diver has satisfactorily met the standards  
for this certification level as set forth by PADI  
[www.padi.com](http://www.padi.com)

# Marine Protected Species Consulting Protected Species Observer Certification

This is to verify that  
**Erin Smith**

Has successfully completed a course of training  
For seismic mitigation under the  
BOEM NTL 2016-G02

## Protected Species Observer

On this day the  
**24<sup>th</sup> of February 2019**

**MPSC**

Marine Protected Species Consulting 201902239

*Angela Bostwick*

Angela Bostwick, BOEM/BSEE-Approved Instructor





US Army Corps  
of Engineers®

# Certificate of Completion

THIS CERTIFICATE IS AWARDED TO:

## Erin Smith

FOR SUCCESSFULLY COMPLETING THE SFAEP WETLAND DELINEATION TRAINING

South Florida Association of  
Environmental Professionals

*Danielle C. Sattelberger*

DANIELLE SATTELBERGER, PROGRAM COORDINATOR

11/8/19

DATE OF COMPLETION



TIN: B62000384

**Technical Expertise**Resident Compliance  
EDMS  
EEO**Years of Experience**

19 Years

**Education**Ponce de Leon High School,  
2003**Certifications / Training**

- CTQP Final Estimates Level 1 & 2 (07/2025)
- FDOT State Compliance Workshop
- FEMA IS-00100
- FEMA IS-00200
- FEMA IS-00630
- FEMA IS-00631
- FEMA IS-00632
- FEMA IS-00700
- FEMA IS-00800.A

**Professional Profile**

Mrs. Byers has over 19 years of construction inspection experience. She is currently serving as a Contract Support Specialist/ Resident Compliance Specialist on several projects. Ms. Byer's duties include scanning and inputting information and documents into FDOT's Electronic Document Management System (EDMS), hard copy Operator, data entry time sheets, EEO and DBE requirements and monitoring on projects.

**Experience**

**05/2024 – Present: Resident Compliance Specialist: SR 77 from North of Rogers Road to South of Cain Mill Road in Washington County, (FDOT Contract No. CAO10):** The Improvements under this Contract consist of the reconstruction of SR 77 from north of Rogers Road to just south of Cane Mill Road for a distance of 3.481 miles in Washington County. The work under FPID 217909-6-52-01 includes widening the existing two-lane roadway to a four-lane divided typical section north and south of the Town of Wausau. The new four-lane rural typical section will consist of two 12-foot travel lanes in each direction separated by a 40-foot depressed median and 10-foot outside shoulders, 5-foot paved. Generally, within the Town of Wausau the typical section will transition to a five-lane undivided urban typical section with 6-foot sidewalks along each side. Stormwater ponds and improved roadside ditches, outfalls, side drains, culverts and inlets are included in the construction. Constructing two new bridges (Bridge Nos. 610167 and 610168) over Reedy Creek north of Wausau replacing existing bridge culvert ID 610011 and a new bridge (Bridge No. 614170) over Reedy Creek on Finch Circle to replace the existing concrete box culvert are included in the work. The work under FPID 217909-6-56-03 includes the replacement of the existing 6" water main with a new 8" water main for the Town of Wausau. Included in this will be constructing the new water main while maintaining service to residents and businesses along the corridor. *FPID: N/A; Construction Cost: \$56M; Client/Contact: N/A*

**07/2022 – Present: Resident Compliance Specialist: SR 370 (Gulf Coast Parkway) from SR 30A (US 98) to CR 2315 (Star Avenue) in Bay County. (FDOT Contract No. CAJ45), FDOT District 3:** This project consists of the construction of a new two-lane roadway with adjacent Shared Use Path, drainage system and four storm ponds. Construction of an access road from Sims State Veterans Nursing Home on Tram Road and widening at US 98 (Tyndall Parkway) and at Star Avenue. Roadway lighting and new traffic signals at Tyndall Parkway and Star Avenue. Project length is 1.75 miles. Project includes erosion and sediment control, clearing and grubbing, subsoil excavation, placement of embankment, surcharge embankment, utility coordination, drainage items (pipes, structures, box culverts, mitered end sections), Storm Management Facility, type-B stabilization, curb & gutter, sidewalk, driveways, detectable warning devices, mowing and litter removal, asphalt operations, performance turf, friction and thermoplastic striping. *FPID: 410981-8-62-01; Construction Cost: \$16.1M; Client/Contact: N/A*

**12/2020 – Present: Resident Compliance Specialist: Resident Compliance Specialist Services Consultant, FDOT District 3:**

**Task Work Order # 12 included:** TWO 12 CAE67 - CR 30 Twin Lakes to E of Lakeshore Drive

**Task Work Order # 13 included:** SR 30 (US 98B) from CR 22A Bob Little Road to SR 30 A (US 98) Tyndall Parkway, SR 30 (US 98B) East Highway 98 from Park Entrance to CR 22A Bob Little Road, West Street from SR 30 (US 98B) East Highway 98 to Cedar Street, CR 22A Bob Little Road from SR 30 (US 98B) East Highway 98 to Lake Drive and SR 30 (US 98) Front Beach Road from Watkins Street to Kilgore Road

**Task Work Order # 14 included:** SR 83 (US 331) from S of Clyde B Wells Bridge to N of Relief Bridge

Task Work Order # 16 included: CAE67 - Sam Atkins Park - SR 20

Task Work Order # 17 included: TWO 17 CAE67 - CR 259 over SCL Railroad Bridge

Construction Cost: N/A; FPIDs: 43551846201, 43811116201, 44038616201, 44038626201, 44038636201, 44173216201, 44535816201, 44403116201, and 43936616201; Client/Contact: N/A

**07/2020 – Present: Resident Compliance Specialist: D/W CEI and Subsurface Utility Locate Services, FDOT District 3 (Sub to GPI):**

Task Work Order # 38 included: CA233 TWO 38 SR 77 Main Street at 273 South Blvd in Washington County- Sub to GPI

Task Work Order # 42 included: CA233 TWO 42 CR 273 South Blvd in Washington County- Sub to GPI

Task Work Order # 47 included: TWO 47 RCS Pleasant Ridge Rd over Otter Creek New Bridge

Construction Cost: N/A; FPID: 220835-1-62-23; Client/Contact: N/A

**07/2020 – Present: Resident Compliance Specialist: SR 75 (US 231) from SR 30 (BUS 98) 6th Street to SR 30A (US 98) 15th Street in Bay County, FDOT District 3:** This project consist primarily of milling and resurfacing, drainage improvements, signalization, guardrail with pipe rail and end treatment, replacement of sidewalk and curb & gutter at various locations, cleaning and repairing pipes and inlets by chemical grouting, video observation of the pipes and inlets, and placing overbuild on side streets to correct slopes in cross walks, and signing & pavement markings including thermoplastic pavement markings. Also included is the addition of a right turn lane and utility work by highway contractor to install 6-inch water main and fire hydrant at Frankford Avenue utilizing the technical Special Provision for Panama City Utilities. Construction Cost: N/A; FPID: N/A; Client/Contact: N/A

**07/2020 – Present: Resident Compliance Specialist: SR 77 from Bay County Line to North of SR 279 in Washington County, (FDOT Contract No. CA946), FDOT District 3:** Constructing a new four lane divided highway with dedicated turn lanes and paved median openings from Bay/Washington County Line to north of CR 279 (Moss Hill Road). Project consists of 9 storm water facilities (Jack and Bore method) with piping and drainage structures, special ditch profiles, concrete lined ditches and gabion lines ditches, 3 phase construction with 7 special detours utilizing low-profile anchored and free-standing barrier wall, MSE wall (over 20 feet tall) with traffic railing to allow roadway shift near a pond, driveway turnout construction (17 side streets), realignment and reconstruction of Chain Lake Road and Summer Drive and replacement of four bus shelters. Magnitude of Earthwork (pond excavation and embankment), resolving an existing pavement failure due to a sink feature, relocation of utilities, strain pole signal installations at two intersections (SR 77 at Spring Pond Road and SR 77 at CR 279), new Park and Ride facility near Crystal Lake Drive, new pavement markings and signage. FPID: 21790935201; Construction Cost: \$27M; Client/Contact: N/A

**11/2019 – 11/2021: Resident Compliance Specialist: Resident Compliance Specialist Services Consultant, CEI Resident Compliance Specialist- (FDOT C-9M75), FDOT District 3:**

Task Work Order #112 included: State Road 20 from State Road 81 to Choctawhatchee River Bridge - Holmes County

Task Work Order #113 included: State Road 81 from State Road 20 to the Holmes County Line - Holmes County

Task Work Order #139 included: State Road 77 Holding Pond Fence repairs due to Hurricane Michael - Bay County

Task Work Order #141 included: State Road 8 (I-10) at Westbound Rest Area repairs due to Hurricane Michael - Jackson County

Task Work Order #142 included: State Road 8 (I-10) at Eastbound Rest Area repairs due to Hurricane Michael - Jackson County

Task Work Order #146 included: State Road 30 (US 98) over St Joe Bay Inlet Bridge No. 510014 - Bay County

Task Work Order #153 included: Emergency Repair for Navigational Lighting - Gulf County Canal, Gulf Co

Task Work Order #154 included: Emergency Repair for Navigational Lighting – State Road 300 (Island Dr) @ St George Bridge

Task Work Order #155 included: Emergency Repair for Navigational Lighting – State Road 30 (US 98) at Ochlockonee River Bridge

Task Work Order #156 included: State Road 30 (US 98/319) @ Carabelle River Bridge No. 4900023, Lighting

Task Work Order #157 included: Emergency Repair for Navigational Lighting – State Road 30 (US 98) at Apalachicola River Bridge

Task Work Order #168 included: State Road 2 @ County Road 173 (Safely Improvements) - Holmes County

Construction Cost: N/A; FPIDs: 43775416201, 43775316201, 44586016201, 44538626201, 44538616201, 43581516201, 44538516201, 44538416201, 44538316201, 44538216201, 44538116201, and 44173516201; Client/Contact: N/A

**05/2016 – 04/2021: Resident Compliance Specialist: State Road 30 (US98) from County Road 30F Airport Road to Walton County Line:** The work for this project consisted of the reconstruction of approximately 3.8 miles of State Road 30 (US 98) from Airport Road to the Walton County line. The existing four lane facility will be reconstructed to six lane roadway with new turning lanes and signal upgrades. A new drainage system will utilize expanded roadside ditches as mini-retainage areas for water retention from a network of new drainage structures and pipes that will drain the water away from the travel lanes. New driveway and side-street connections will be constructed along with new sidewalks for pedestrian traffic. Project lighting will be upgraded and expanded to help illuminate walking area after dark. New permanent signing will be installed along with thermoplastic striping. FPID: 41413235201 and 41413235603; Construction Cost: \$33M; Client/Contact: N/A

## CTQP Training History Report

**Report for:** Angie Byers

**TIN:** B62000384\*\*\*\*\*

**Report Date:** 06/23/2025

### Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Final Estimates Level 1	2003356	2020-07-09	2025-07-09
Final Estimates Level 2	2003131	2020-07-09	2025-07-09

### Expired Qualifications

Qualification Name	Certificate Number	Valid from	Expired on
Final Estimates Level 1	N/A	2015-05-12	2020-07-09
Final Estimates Level 2	N/A	2015-07-09	2020-07-09

### Pending Qualifications

No Matching Pending Qualification Records Found

### Requirements

Requirement Name	Result	Valid from	Expired on
Final Estimates - Level 1 - Written Exam Requirement	PASS	2015-05-12	2020-05-12
Final Estimates - Level 1 - Written Exam Requirement	PASS	2020-06-30	2025-06-30
Final Estimates - Level 2 - Written Exam Requirement	PASS	2015-07-09	2020-07-09
Final Estimates - Level 2 - Written Exam Requirement	PASS	2020-06-30	2025-06-30

# Frances Grant

Senior Inspector



TIN: G65325250

## Technical Expertise

MAC

PrC

CPAM

Utilities

## Years of Experience

35 Years

## Education

H.S. Graduate

## Certifications/Training

- CTQP Asphalt Paving Level 1 & 2 (12/2027)
- CTQP Concrete Field Inspector Level 2 (04/2026)
- CTQP Concrete Field Technician Level 1 (08/2028)
- CTQP Drilled Shaft Inspection (03/2029)
- CTQP Earthwork Construction Inspection Level 1 & 2 (Level 1 12/2028; Level 2 10/2028)
- CTQP Final Estimates Level 1 & 2 (05/2028)
- CTQP Pile Driving Inspection (04/2029)
- CTQP QC Manager
- CTQP Auger Cast Pile Inspector (Scheduled)
- Auger Cast Piles CBT
- FDOT Advanced MOT #73670 (05/2025)

## Professional Profile

Ms. Grant has over three decades of CEI experience in new construction, reconstruction, milling and resurfacing projects, bridge construction, bridge rehabilitation, concrete pavement, drainage, utility installation, highway lighting and signalization construction, as well as surveying. She has extensive experience on interstate and arterial highway projects. Additional hands-on expertise includes MSE wall systems, vibration monitoring, environmental permit compliance, complex traffic control phasing, earthwork operations, surveying, and signalization. Frances is very knowledgeable of materials sampling, testing, and reporting requirements, quality control and verification testing frequencies, as well as the requirements established in the field standards for final estimates. She possesses a definitive understanding in the use of materials quality acceptance programs, such as MAC, as well as PrC and CPAM.

## Experience

**10/2023 – Present: Senior Inspector: EDP-MT-20210010 / E18-DTPW-02 / 20170307 Department of Transportation and Public Works Construction Engineering and Inspection Services and Resident Compliance Services for Florida Department of Transportation Local Agency Program (2023-2025), Miami-Dade County:** Metric is providing field observation and inspection services including project documentation, QA/QC, notification of the County in the event of an incident on-site, coordinating material testing needs, and recommendation of final payment and acceptance of the punch list. A task performed under this contract is listed below. *Contract: EDP-MT-20210010, E18-DTPW-02, and 20170307; Overall Construction Cost: \$13.1M; Client/Contact: Christopher Yopez, EI, (305) 302-5988, Christopher.yopez@miamidade.gov*

[SW 87th Ave. Bridge Over the C-100 Canal from SW 164 St to SW 163 Terr. Work Order # 2 \(2024-2026\): CEI Roadway / Bridge Inspector for SW 87th Ave Bridge:](#) Project consists of the construction of a new fixed bridge over the C-100 canal, this bridge provide continuity for 87<sup>th</sup> Ave. The intent of this project is to alleviate congestion of nearby local roads. Work includes, clearing and grubbing, guardrail, sign installation, lighting, barrier walls, gravity walls, tree relocation, proposed substructure & superstructure bridge components, MSE wall inspections, auger cast piles, watermain utility slab, reinforcing steel inspections, dredging of C-100 Canal, articulating block, fencing, drainage, French drain, curb & gutter, roadway operations, raised concrete median islands, sidewalk, milling & asphalt operations, and striping. Duties include coordination of the QC & VT field and lab testing, compliance, distribution of project correspondence, schedule review, estimates, monthly progress reports, participation in meetings, issuance of construction work orders, the creation of spreadsheets for the tracking of construction quantities for pay estimates. *Construction Cost: \$5.5M*

[Work Order #1 PW Project No. 20210010 / EDP-MT-20210010 Work Order #1 Rehabilitation of Bear Cut Bridge No. 874544 Over Biscayne Bay / Bear Cut, Rickenbacker Causeway \(2023-2025\):](#) Ms. Grant serves as the CEI Bridge Inspector for the rehabilitation of Bear Cut Bridge. The project consists of rehabilitation work, joint replacement at piers/abutment, superstructure repairs, CIP Substructure repair, bulkhead repairs, slope wall repair, and strengthening of existing prestress girders. *Construction Cost: \$3.5M*

[Work Order #1 Venetian Causeway Bridge No. 874459 and No. 874474 Hurricane Irma Repairs \(2023-2024\):](#) Interim CEI Bridge Inspector for the Venetian Causeway Hurricane Irma Repairs: The project consists of repairing hurricane damages to the West Bascule Bridge, East Bascule Bridge, and East Generator Building on the Venetian Causeway. Work includes repair of the damaged fender systems, replacement of navigational lights, repair of spalled piles in the fender systems, repair of existing damaged roof tiles at both bridge tender houses and stucco/roof repairs at the East Generator Building. *Construction Cost: \$1M*



### Certifications/Training (Cont.)

- FDOT Critical Structures Construction Issues Self-Study
- ACI Aggregate Base Testing Technician Certificate
- ACI Concrete Field-Testing Technician Certificate Level 1 & 2
- ACI Concrete Transportation Construction Inspector Certificate
- Nuclear Radiation Safety Certificate
- Stormwater Management Inspector
- IMSA Traffic Signal Inspector
- MSE Wall CBT

### 11/2018 – 10/2023: Senior Inspector: SR 429 (Wekiva Pkwy Section 8), FDOT District 5:

Currently serves on the FDOT District 5, SR 429 (Wekiva Pkwy Section 8) Systems Interchange at I-4 Design-Build Project. This \$253.3-M Design-Build Project is a System-to-System Interchange connecting SR 429, I-4, and SR 417. It includes construction of 2.6 miles of the SR 429 limited access toll road which is the final segment of the Wekiva Parkway and widening and reconstruction of 2 miles of I-4 to accommodate the future I-4 Beyond the Ultimate (BtU) Project. The project involves 22 new bridges (including third level flyovers); toll gantry spanning the NB and SB travel lanes, expanding the SR 417 at the International Parkway to a full interchange. Key features include: 12 new multi-span and 8 new single span bridges; widening 2 existing bridges; over 100 MSE Walls having a total length of nearly 9 miles; over 108,000 LF of drainage pipe and more than 600 drainage structures as part of the stormwater management and floodplain compensation (FPC) systems; 4-million plus CY of earthwork including nearly 2-million CY of import fill requirements; 3.6 miles of sound wall; highway and high mast lighting; new ITS components throughout the project limits; over 700 sign structures; provisions for landscaping; demolition of existing bridges; and pavement markings. *Construction Cost: \$253.3M; FPID: 240200-4-62-01; Client/Contact: FDOT Project Manager: Tammie Andrews, (407) 278-2741*

### 08/2016 – 08/2018: Senior Inspector: FDOT Sun Rail Phase 2 Central Florida Commuter Rail Transit (CFRT):

Served as a Senior Inspector on the FDOT Sun Rail Phase 2 Central Florida Commuter Rail Transit (CFRT). She was responsible for project documentation (site manager), photo journaling, lump sum quantities, verification inspection of structures onsite, and testing, pre-pour, during pour and post pour. She also oversaw all Buy America verification, FDOT specifications, plans, and other contract documentation. She communicated and coordinated the inspections with the contractor; which included Boggy Creek Bridge and Orange Avenue Crash Wall Cast in Place Onsite (oversight for pile driving, all cast in place rebar and forms inspection, waterproofing deck and other components of bridge construction, and concrete verification), and punch list items resolution. *Construction Cost: N/A; FPID: N/A; Client/Contact: N/A*

**2015 – 2016: Senior Inspector: Charlotte Area Transit System:** Ms. Grant served Charlotte Area Transit System: Lynx Blue Line Extension Northeast Corridor Light Rail Project Cats No. 13-0021 in Charlotte, NC. This project involved the Light Rail System 9.3 Mile Extension from Uptown Charlotte to University of North Carolina Campus. She was responsible for decorative wall, ramp and tunnel construction project documentation (E-Builder), photo journaling, pay quantities, verification inspection of structural construction pre-pour, during and post pour. She ensured that the Buy America verification of materials, NC DOT specification, plans, special provisions, plan revisions, and shop drawings were all in compliance. *Construction Cost: N/A; Project: 13-0021; Client/Contact: Brian Stover, (704) 577-0786*

**12/2014 – 08/2015: Senior Inspector: FDOT D4 and FDOT D6 for the Army Corp of Engineers:** Ms. Grant served in FDOT D4 and FDOT D6 for the Army Corp of Engineers and other Various Clients. She performed drilled shaft testing and Inspection, ACI Level 2 inspection structural (bridge, double barrel culvert, spillway), PCI level 2 (sound wall, light pole bases, light poles, traffic rail barrier wall, piling), PCSA Level 2 (drainage, culverts, wet cast) ACPA (dry cast culverts). She oversaw the documentation, photo journaling, inspection and testing, communication and scheduling coordination with Contractor and Clients. *Construction Cost: N/A; FPID: N/A; Client/Contact: N/A*

**06/2009 – 12/2014: Senior Inspector: Interstate 595 Corridor Improvements:** Ms. Grant served on Interstate 595 Corridor Improvements in Fort Lauderdale, FL. This project was a 13.0-mile reconstruction and widening of existing Interstate 595 from I-75 to I-95 with 3 reversible toll lanes, new lanes, and bridge structures. She was responsible for offsite verification of pre-cast and pre-stress, incidental and drainage products, criteria for FDOT Materials Manual 675-000-000 guidelines for inspection, plant visits, meetings, documentations, specifications, communication and other publication references were implemented and satisfied in product acceptance prior to jobsite delivery. Certifications were obtained by Ms. Grant to qualify to inspect these products. Fran also assisted in close out records at HNTB office. *Construction Cost: N/A; FPID: N/A; Client/Contact: Ken Hill, Retired.*

**\*Ms. Grant has additional experience not shown on her resume, which spans from 1997 – 2009.**

## CTQP Training History Report

**Report for:** Frances Grant

**TIN:** G65325250\*\*\*\*

**Report Date:** 06/23/2025

### Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Asphalt Paving Level 1	3017131	2022-12-27	2027-12-27
Asphalt Paving Level 2	3017130	2022-12-27	2027-12-27
Concrete Field Inspector Level 2	3023499	2023-12-06	2026-04-13
Concrete Field Technician Level 1	3036357	2025-01-17	2028-08-17
Drilled Shaft Inspection	3028405	2024-03-28	2029-03-28
Earthwork Construction Inspection Level 1	3024114	2023-12-06	2028-12-06
Earthwork Construction Inspection Level 2	3024123	2023-10-23	2028-10-23
Final Estimates Level 1	3020287	2023-05-18	2028-05-18
Final Estimates Level 2	3020286	2023-05-18	2028-05-18
Pile Driving Inspection	3028911	2024-04-11	2029-04-11
QC Manager	N/A	2008-02-05	2099-01-01

### Expired Qualifications

Qualification Name	Certificate Number	Valid from	Expired on
Asphalt Paving Level 1	N/A	2002-11-05	2007-11-05
Asphalt Paving Level 1	N/A	2012-12-27	2017-12-27
Asphalt Paving Level 1	N/A	2017-12-27	2022-12-27
Asphalt Paving Level 2	N/A	2002-12-11	2007-12-11
Asphalt Paving Level 2	N/A	2007-12-31	2012-12-31
Asphalt Paving Level 2	N/A	2012-12-27	2017-12-27
Asphalt Paving Level 2	N/A	2017-12-27	2022-12-27
Concrete Field Inspector Level 2	N/A	2003-12-05	2008-12-05
Concrete Field Inspector Level 2	N/A	2011-07-21	2016-07-21
Concrete Field Inspector Level 2	N/A	2014-03-24	2019-03-24

Concrete Field Inspector Level 2	N/A	2015-01-10	2020-01-10
Concrete Field Inspector Level 2	2001871	2020-01-10	2023-12-06
Concrete Field Technician Level 1	N/A	2001-04-28	2006-04-28
Concrete Field Technician Level 1	N/A	2010-01-17	2015-01-17
Concrete Field Technician Level 1	N/A	2014-03-24	2019-03-24
Concrete Field Technician Level 1	N/A	2015-01-10	2020-01-10
Concrete Field Technician Level 1	2002177	2019-12-07	2023-12-06
Concrete Field Technician Level 1	3023498	2023-12-06	2025-01-17
Drilled Shaft Inspection	N/A	2001-11-29	2006-11-29
Drilled Shaft Inspection	N/A	2009-04-25	2014-04-25
Drilled Shaft Inspection	N/A	2014-03-28	2019-03-28
Drilled Shaft Inspection	N/A	2019-03-01	2024-03-28
Earthwork Construction Inspection Level 1	N/A	2018-12-06	2023-12-06
Earthwork Construction Inspection Level 2	N/A	2018-10-23	2023-10-23
Final Estimates Level 1	N/A	2005-04-28	2010-04-28
Final Estimates Level 1	N/A	2007-07-20	2012-07-20
Final Estimates Level 1	N/A	2012-06-05	2017-06-05
Final Estimates Level 1	N/A	2017-09-20	2023-05-18
Final Estimates Level 2	N/A	2007-07-20	2012-07-20
Final Estimates Level 2	N/A	2012-06-05	2017-06-05
Final Estimates Level 2	N/A	2018-05-18	2023-05-18
LBR Technician	N/A	2000-06-02	2005-06-01
Pile Driving Inspection	N/A	2004-04-22	2009-04-22
Pile Driving Inspection	N/A	2014-04-11	2019-04-11
Pile Driving Inspection	N/A	2019-03-15	2024-04-11

### Pending Qualifications

No Matching Pending Qualification Records Found

### Requirements

Requirement Name	Result	Valid from	Expired on
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30 Days Experience on a Construction Project Involving Earthwork Operations	MET	1900-01-01	2099-01-01
90 Days Experience Asphalt Paving Operations or Asphalt Roadway Testing	MET	1900-01-01	2099-01-01
ACI Aggregate Base Testing Technician Certificate	MET	1900-01-01	2099-01-01
ACI Concrete Field Testing Technician Certificate	MET	1900-01-01	2099-01-01
ACI Concrete Field Testing Technician Certificate	MET	2019-12-07	2024-12-07
ACI Concrete Field Testing Technician Certificate	MET	2024-11-09	2029-11-08
ACI Concrete Transportation Construction Inspector Certificate	MET	1900-01-01	2099-01-01
ACI Concrete Transportation Construction Inspector Certificate	MET	2021-04-14	2026-04-13
Asphalt Paving - Level 1 - Proficiency Exam	MET	2002-11-05	2007-11-05
Asphalt Paving - Level 1 - Proficiency Exam	MET	2007-10-23	2012-10-23
Asphalt Paving - Level 1 - Written Exam Requirement	PASS	2002-11-05	2007-11-05
Asphalt Paving - Level 1 - Written Exam Requirement	PASS	2007-10-23	2012-10-23
Asphalt Paving - Level 2 - Written Exam Requirement	PASS	2002-12-11	2007-12-11
Asphalt Paving - Level 2 - Written Exam Requirement	PASS	2007-12-05	2012-12-05
Asphalt Paving - Level 2 - Written Exam Requirement	PASS	2012-12-27	2017-12-27
Asphalt Paving - Level 2 - Written Exam Requirement	PASS	2017-10-19	2022-10-19
Asphalt Paving - Level 2 - Written Exam Requirement	FAIL	2022-12-07	2027-12-07
Asphalt Paving - Level 2 - Written Exam Requirement	PASS	2022-12-16	2027-12-16
Auger Cast Pile Inspector - Written Exam Requirement	FAIL	2024-04-13	2029-04-13
Auger Cast Pile Inspector - Written Exam Requirement	FAIL	2024-05-30	2029-05-30
Drilled Shaft Inspection - Written Exam Requirement	PASS	2001-11-29	2006-11-29
Drilled Shaft Inspection - Written Exam Requirement	PASS	2009-04-25	2014-04-25
Drilled Shaft Inspection - Written Exam Requirement	PASS	2014-03-28	2019-03-28
Drilled Shaft Inspection - Written Exam Requirement	PASS	2019-03-01	2024-03-01
Drilled Shaft Inspection - Written Exam Requirement	PASS	2024-03-11	2029-03-11
Earthwork Construction Inspection - Level 1 - Proficiency Exam	MET	2018-12-06	2023-12-06
Earthwork Construction Inspection - Level 1 - Written Exam Requirement	PASS	2012-11-05	2017-11-05

Earthwork Construction Inspection - Level 1 - Written Exam Requirement	PASS	2018-10-23	2023-10-23
Earthwork Construction Inspection - Level 1 - Written Exam Requirement	PASS	2023-09-12	2028-09-12
Earthwork Construction Inspection - Level 2 - Written Exam Requirement	PASS	2018-10-23	2023-10-23
Earthwork Construction Inspection - Level 2 - Written Exam Requirement	PASS	2023-09-13	2028-09-13
FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	2009-04-22	2014-04-22
FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	2014-03-24	2019-03-24
FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	2018-12-06	2023-12-06
FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	2023-08-17	2028-12-06
Final Estimates - Level 1 - Written Exam Requirement	PASS	2005-04-28	2010-04-28
Final Estimates - Level 1 - Written Exam Requirement	PASS	2017-09-20	2022-09-20
Final Estimates - Level 2 - Written Exam Requirement	PASS	2007-07-20	2012-07-20
Final Estimates - Level 2 - Written Exam Requirement	PASS	2012-06-05	2017-06-05
Final Estimates - Level 2 - Written Exam Requirement	PASS	2018-05-18	2023-05-18
Final Estimates - Level 2 - Written Exam Requirement	PASS	2023-04-20	2028-04-20
LBR Technician - Written Exam Requirement	PASS	2000-06-02	2005-06-02
Monitored 10 Drilled Shafts, at least 5 Shafts constructed with Wet Method	MET	1900-01-01	2099-01-01
Monitored 15 Driven Piles, at least 10 Piles driven with Open Diesel Hammers	MET	1900-01-01	2099-01-01
Nuclear Radiation Safety Certificate	MET	1900-01-01	2099-01-01
Pile Driving Inspection - Written Exam Requirement	PASS	2004-04-22	2009-04-22
Pile Driving Inspection - Written Exam Requirement	PASS	2009-04-11	2014-04-11
Pile Driving Inspection - Written Exam Requirement	PASS	2014-04-11	2019-04-11
Pile Driving Inspection - Written Exam Requirement	PASS	2019-03-15	2024-03-15
Pile Driving Inspection - Written Exam Requirement	PASS	2024-03-21	2029-03-21
Pile Driving Inspection - Written Exam Requirement	PASS	2024-03-22	2029-03-22
Quality Control Manager - Written Exam Requirement	PASS	2003-02-12	2099-01-01



Quality Control Manager - Written Exam Requirement	PASS	2008-02-05	2099-01-01
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## CERTIFICATIONS

Tin D20000080

FDOT CTQP QC Manager

Aggregate Base Testing Technician

Aggregate Testing Technician

LBR Technician

Qualified Sampler Technician

ACI Concrete Laboratory Testing  
Technician Certificate - Level 1

ACI Concrete Laboratory Testing  
Technician Certificate - Level 2

ACI Concrete Field Testing  
Technician

ACI Aggregate Testing Technician

ACI Aggregate Base Testing  
Technician

## YEARS OF EXPERIENCE

15

## CONTACT

PHONE: 786.701.8639

## EMAIL

Alejandro.diaz@dma-ces.com

# ALEJANDRO DIAZ

## CEI Material Sampling and Testing

## PROFESSIONAL EXPERIENCE

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Alejandro Diaz has over 15 years of experience in the South Florida construction industry. Mr. Diaz has successfully acted as Laboratory Manager and Project manager for multiple projects for private and public clients. His extensive knowledge of laboratory accreditation requirements have allowed him to achieve and maintain certifications with multiple agencies such as ASTM Cement and Concrete Reference Laboratory (CCRL), American Association of State Highway and Transportation Officials (AASHTO) Accreditation Program (AAP), AASHTO Materials Reference Library (AMRL), United States Army Corps of Engineers (USACE), and the FDOT Inspection-In-Depth (IID) program.

## PREVIOUS PROJECTS

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### FDOT Districts 4 and 6 Materials Lab Material Testing and Construction Support – Districtwide

Project Manager/Laboratory Manager. Provided materials testing and inspection for FDOT Districts 4 and 6 projects. Coordinated verification of construction materials (asphalt, earthwork, concrete) per Contract Documents and FDOT Standards. Contracts valued at \$1.5 million or 5 years.

### MDX Multiple Projects - Miami, FL

Laboratory Manager. Provided Quality Assurance for MDX highway projects as part of the GEC-B team, including SR 836 Interchange Modifications at 87th Avenue, SR 874 Ramp Connector to SW 128 Street, SR 836 Modernization from NW 57th Avenue to NW 17th Avenue, and Dolphin Station Park and Ride Transit Facility.

### I-95 Express Lanes Phase 3A-2 Design/Build Project - Broward County, FL

Project Manager/QC Manager. Managed I-95 express lane extension (Commercial Blvd to SW 10th St) in Broward County, adding a lane and converting HOV to two express lanes per direction. Included ramp signalization (Cypress Creek to Sample), ITS/tolling equipment, bridge widening, and noise barriers.

# ALEJANDRO DIAZ

## CEI Material Sampling and Testing (continued)

### **SR 5/US 1 Long Key/Overseas Hwy-Bridge-Repair, Monroe County, FL**

Laboratory Manager. The project consists of the repair of the Long Key/ Overseas Hwy repair. The project included testing and inspection of bridge substructure over the ocean and counted with a length of 4.604 miles.

### **Mount Sinai Sea Wall Repair and Construction, Miami-Dade, FL**

Laboratory Manager. The project consisted of the repair of an existing portion of the sea wall and construction of an additional wall. It included field inspection and quality control testing of the materials included herein.

### **Port Everglades Southport Turning Notch Expansion, Broward County, FL**

Laboratory Manager. The project consists of extending the Southport Turning Notch turn-around area from the existing 900 feet to 2,400 feet to create new cargo berthing. The project included testing and inspection services.

### **KWIA Concourse A and Terminal, Key West, FL**

Laboratory Manager. The \$100 million project will add a new concourse and improve the existing terminal of the Key West International Airport. The project is expected to be completed in 2025 and included testing and inspection services of construction materials incorporated herein.

### **KWIA Aircraft Overflow Apron & Mitigation, Key West, FL**

Laboratory Manager. The project extends Key West International Airport's aircraft apron to add parking, improve operations, and enhance safety by reducing commercial apron congestion during peak hours. It includes new drainage, buffer-strips for impervious areas, and wetland mitigation for saltwater marsh and mangrove impacts.

### **I-95 Express Lanes Phase 3B-1 D/B Project - Broward and Palm Beach Counties, FL**

Project Manager/QC Manager. Project included I-95 reconstruction near Hillsboro Canal bridges, milling/resurfacing, auxiliary lane construction, guardrail, barrier wall, attenuators, shoulder gutters, drainage, Hillsboro Canal dredging, bridge widenings and replacement, retaining walls, noise walls, sign structures, portable traffic monitoring, toll gantries, ITS, signing/pavement markings, Express Lane markers, lighting, ramp metering signals, and utility/landscape relocation.

### **I-95 Express Lanes Phase 3B-2 D/B Project - Broward and Palm Beach Counties, FL**

Project Manager/QC Manager. This \$148 million Design/Build project extends Express Lanes north from Glades Road to Linton Boulevard in Palm Beach County. It adds one lane and converts the HOV lane to create two Express Lanes in each direction, keeping General Use lanes the same. Access points are between Glades Road and Spanish River Boulevard, and Yamato Road and Linton Boulevard. The project includes reconfiguring the SR 808/Glades Road Interchange to a DDI, reconstructing the Clint Moore Road bridge over I-95, and widening bridges at Glades Road over SFRTA railroad tracks and Military Trail, and I-95 over the C-15 Canal.

### **HEFT Project - Broward, FL**

Project Manager/QC Manager . This \$145 million project consists of the widening of Turnpike Homestead Extension from four to eight lanes, constructing sound walls along qualifying communities, improving signage, pavement markings and lighting, intersection improvements, bridge widening, etc.

### **Margaritaville Beach Resort- Hollywood, FL**

Laboratory manager. Opened Oct 2015, the 369-room Margaritaville Beach Resort Hollywood Beach at 1111 N. Ocean Drive, Hollywood, FL, offers a 1056-space garage (600 public), 30,000SF convention space, retail, restaurants, spa, fitness center, wave rider, pool deck, Landshark Bar & Grill, and 5 O'Clock Somewhere Bar with boat access.

## CTQP Training History Report

**Report for:** alejandro diaz

**TIN:** D20000080

**Report Date:** 01/25/2023

### Valid Qualifications

Qualification Name	Certificate Number	Valid from	Expires on
Aggregate Base Testing Technician	3015927	09/13/2022	09/13/2027
Aggregate Testing Technician	3007344	07/16/2021	06/29/2026
Concrete Lab Technician - Level 1	3015926	09/13/2022	09/13/2027
LBR Technician	3007535	11/11/2021	11/11/2026
QC Manager	N/A	02/11/2012	01/01/2099

### Expired Qualifications

Qualification Name	Certificate Number	Valid from	Expired on
Aggregate Base Testing Technician	N/A	08/19/2017	08/19/2022
Aggregate Base Testing Technician	N/A	08/18/2012	08/18/2017
Aggregate Testing Technician	N/A	07/16/2016	07/16/2021
Aggregate Testing Technician	N/A	07/16/2016	07/16/2021
Aggregate Testing Technician	N/A	07/01/2011	07/01/2016
Concrete Field Inspector - Level 2	N/A	08/22/2016	08/22/2021
Concrete Field Inspector - Level 2	N/A	02/21/2014	02/21/2019
Concrete Field Technician - Level 1	N/A	06/03/2017	06/03/2022
Concrete Field Technician - Level 1	N/A	02/21/2014	02/21/2019
Concrete Field Technician - Level 1	N/A	05/19/2012	05/19/2017
Concrete Field Technician - Level 1	N/A	02/18/2009	02/18/2014
Concrete Field Technician - Level 1	N/A	04/19/2008	04/19/2013
Concrete Lab Technician - Level 1	N/A	11/10/2016	11/10/2021
Concrete Lab Technician - Level 1	N/A	11/19/2011	11/19/2016
Concrete Lab Technician - Level 1	N/A	07/14/2007	07/14/2013
LBR Technician	N/A	11/11/2016	11/11/2021

LBR Technician	N/A	11/11/2016	08/18/2017
LBR Technician	N/A	08/18/2012	02/11/2017
LBR Technician	N/A	01/20/2007	01/20/2012
Qualified Sampler Technician	N/A	08/19/2017	08/19/2022
Qualified Sampler Technician	N/A	07/16/2016	07/16/2021
Qualified Sampler Technician	N/A	08/18/2012	08/18/2017
Qualified Sampler Technician	N/A	07/01/2011	07/01/2016
Qualified Sampler Technician	N/A	01/20/2007	01/20/2012

### Pending Qualifications

No Matching Pending Qualification Records Found

### Requirements

Requirement Name	Result	Valid from	Expired on
ACI Aggregate Base Testing Technician Certificate	MET	01/01/1900	01/01/2099
ACI Aggregate Base Testing Technician Certificate	MET	01/01/1900	01/01/2099
ACI Aggregate Base Testing Technician Certificate	MET	09/13/2022	09/13/2027
ACI Aggregate Testing Technician Certificate - Level 1	MET	01/01/1900	01/01/2099
ACI Aggregate Testing Technician Certificate - Level 1	MET	06/30/2021	06/29/2026
ACI Concrete Field Testing Technician Certificate	MET	01/01/1900	01/01/2099
ACI Concrete Laboratory Testing Technician Certificate - Level 1	MET	01/01/1900	01/01/2099
ACI Concrete Laboratory Testing Technician Certificate - Level 2	MET	01/01/1900	01/01/2099
ACI Concrete Strength Testing Technician Certificate	MET	01/01/1900	01/01/2099
ACI Concrete Strength Testing Technician Certificate	MET	09/13/2022	09/13/2027
ACI Concrete Transportation Construction Inspector Certificate	MET	01/01/1900	01/01/2099
FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	02/01/2019	02/01/2024
FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	02/21/2014	02/21/2019



FDOT Concrete Field Inspector Specification - Written Exam Requirement	PASS	02/18/2009	02/18/2014
LBR Technician - Written Exam Requirement	PASS	10/23/2021	10/23/2026
LBR Technician - Written Exam Requirement	PASS	11/11/2016	11/11/2021
LBR Technician - Written Exam Requirement	PASS	02/11/2012	02/11/2017
LBR Technician - Written Exam Requirement	PASS	11/16/2006	11/16/2011
Quality Control Manager - Written Exam Requirement	PASS	09/21/2012	01/01/2099

## Thalia Isla

### Civil Engineer

Mrs. Isla is a hydraulics engineer that has experience in the design, permitting and inspection of water, wastewater resources and environmental engineering. She has experience developing complex hydraulic calculations for water, wastewater, and stormwater projects. Mrs. Isla has substantial experience with AutoCAD and AutoCAD Civil 3D in the preparation of detailed site civil projects, complex mechanical systems, pumps station design and in the development of gravity and pressure pipe networks. She has a strong technical background and knowledge with a focus in hydraulics engineering that is put into practice in the design, permitting and estimating of water resources infrastructure. Leveraging this expertise, Mrs. Isla has developed the detailed design of several key resilience projects. Her relevant project experience includes:

#### RELEVANT EXPERIENCE

**Miami-Dade Water and Sewer Value Engineering Change Proposal (VECP) Horizontal Directional Drill (HDD) Alternative for the 18" Water Main along NW 37 Ave. from NW 36 St. to NW 79 St., Miami-Dade County, FL | JVA Engineering | Javier Romero, 6600 NW 32 Ave., Miami FL 33147, jr@jvaengineering.com, 305-696-7902 | 11/2023 – On-Going | \$2,989,387 –** Served as the project engineer for the installation of an 18-inch water main along NW 37 Ave from NW 36 St. to NW 79 St. The scope of work included three separate railway crossings, requiring utility coordination and coordination with the ROW owners. Each crossing included a 30-inch HDPE IPS DR-11 carrier pipe and an 18-inch HDPE DIPS DR-11 force main (host pipe). Specific crossing details are listed below.

Crossing No.	Length (LF)	ROW / Railway Owner
1	575	CSX Corporation
2	875	SFRTA
3	657	Florida East Coast Railway (FEC)
<b>Total Length</b>	<b>2,107 LF</b>	

The project required in-depth engineering to ensure that all utilities were properly identified and did not conflict with the HDD alignment. Additionally, detailed engineering calculations were performed for the HDD including pulling force calculations and casing deflection calculations to account for E-80 Cooper Railroad Loading.

**FLL GTL WWTP Redundant Effluent Force Main, Fort Lauderdale, FL | Ric-Man Construction Florida | Chris Mancini, 3100 SW 15 St. Deerfield Beach, FL 33442, christopherm@ric-manfl.com, 954-426-1221 | 11/2023 – On-Going | \$46,000,000 –** Project Engineer for the installation of approximately 4,200 LF of 60" force main to convey the effluent of the wastewater treatment plant to the deep injection wells for disposal. The project required extensive utility coordination as the corridor (Eisenhower Blvd.) for the large diameter pipeline was heavily congested with other utilities. Additionally, the industrial area in the vicinity of the project serves Port Everglades for fuel distribution and has many critical fuel lines in the project corridor. This required an in-depth utility coordination effort with fuel companies such as Marathon (MPLX) and Buckeye. Additionally, several conflicting utilities were relocated including crown castle, Port Everglades fiberoptics, Port Everglades CCTV, and Florida Power & Light (FPL).



#### Firm:

Delta Consultants, LLC

#### Years of Experience:

2 years

#### Education:

BS in Civil Engineering,  
Technological University  
of Havana Jose Antonio  
Echevarria, 2019

#### Areas of Expertise:

Hydraulic Engineering

Drainage Design

Water and Sewer  
Pipeline Design

Pump Station Design

Cost Estimating

Trenchless Construction

**City of North Miami Septic to Sewer Improvements Phase II and Phase III, North Miami, FL | Tetra Tech | Christopher Zavatsky, PE, 6303 Waterford District Dr. #305, Miami FL 33126, christopher.zavatsky@tetrattech.com, 305-908-1421 | 08/2023 – On-Going | \$1,100,000 –** Project Engineer for the septic to sewer conversion of 47 and 12 properties for Phase II and Phase III, respectively. The project required detailed site inspections to develop the private side lateral drawings and ensure invert elevations matched the required elevations for existing gravity sewer. Utility side laterals were designed to comply with Miami-Dade County Water Standards. Additionally, Phase III required the design of new gravity sewer to collect and convey flows from the 12 parcels. The project demanded fast track schedule and extensive coordination to ensure a functional sewer system. It helped the City improve its infrastructure resilience by providing the needed central sewer infrastructure to eliminate failing septic tanks and septic tanks that were vulnerable to sea level rise. The project included all engineering design and utility coordination required for a complete set of construction plans.

**Site Civil for EV Charging Stations, Miami, FL | Miami-Dade County Department of Solid Waste Management | Humberto Contreras, 1290 NW 20 St., Miami, FL 33142, humberto.contreras@miamidade.gov, 305-514-6673 | 05/2023 – On-Going | \$250,000 –** Project Engineer for the site civil design and permitting of two new surface parking lot for Electric Vehicle Charging Stations that would serve MDC Department of Solid Waste trucks. One of the two sites was located directly adjacent to the Miami Dade County Doral landfill requiring extensive coordination with regulatory agencies due to the presence of contaminants in the area. The project included site civil design, drainage design, paving and grading design as well as bidding assistance for construction. This project aligned with the County's goal of converting the existing fleet to a resilient fully electric fleet by 2035.

**North Miami Beach Oleta River Crossing Water Main Replacement (WATR007A) - 14" HDD Alternative, North Miami-Beach, FL | City of North Miami Beach | Andrea Suarez Abastida, PMP, 17011 NE 19 Avenue, North Miami, FL 33162, andrea.suarez@citynmb.com, 305-948-2967 | 11/2023 – On-Going | \$1,000,000 –** Project Engineer for the installation of approximately 1,000 LF of 14-inch water main via horizontal directional drill. The project required in-depth engineering to ensure that all utilities were properly identified and did not conflict with the HDD alignment. Additionally, detailed engineering calculations were performed for the HDD including pulling force calculations. Permitting efforts for this project were extensive and required coordination and approvals from Miami-Dade County Parks & Recreation (MDPR), Miami-Dade County Transit & Public Works (MDTPW), Florida Department of Transportation (FDOT), Department of Regulatory and Economic Resources (DERM), South Florida Water Management District (SFWMD), US Army Corps of Engineers (ACOE), Florida Department of Transportation (FDOT), Florida Department of Environmental Protection (FDEP), and City of North Miami Beach (CNMB).

**Model Cities C Repairs, Miami, FL | J.N. Montenegro Studio, LLC | Jilla Montenegro, RA, NCARB, 11190 SW 69 Court, Miami, FL 33156, jillam@att.net, 305-558-4355 | 05/2023 – On-Going | \$300,000 –** Project Engineer for the site civil of a parking reconfiguration for the Miami-Dade County Department of Public Housing and Community Development. The parking lot reconfiguration required the development of paving, grading, and drainage plans, utility coordination, signing and pavement marking plans, and a stormwater pollution prevention control plan (SWPPP).

**Tab E**

# Approach to Scope of Work



## Tab E. Approach to Scope of Work



### Understanding of the City's Needs, Goals and Objectives

**Metric's Understanding of the City's CEI Needs, Goals and Objectives** The City of Hollywood, under RFQ-318-25-WV, is requiring Construction Engineering and Inspection (CEI) Services for the *City of Hollywood Tidal Flooding Mitigation and Shoreline Protection Project*. The project will mitigate the tidal flooding experienced now and in the foreseeable future along 12 city-owned shoreline segments in Northlake, Southlake, Holland Park, and along the Intracoastal Waterway. The project includes overseeing the construction of tidal flood barriers along these 12 shoreline sites in accordance with the contract documents and approved permits. The scope requires a CEI firm able to coordinate with stakeholders adjacent to each of the shoreline segments and who is knowledgeable of installation of sheet-piling and concrete wall construction near water bodies in South Florida. In addition, the CEI firm must be able to coordinate with the contractor with regard to performing vibration and monitoring settlement of all adjacent structures next to each shoreline segment, to protect private property and ensure all work performed complies with the approved permits protecting the existing mangrove areas. This project is federally funded by the Florida Department of Environmental Protection (FDEP) under grant agreement number 22FRP13. The selected CEI firm will be required to comply with all grant terms and conditions. The scope of work for the 12 sites includes approximately 7,200 linear feet (LF) of steel sheet pile, 8,000 LF of concrete pile caps, 2,000 LF of roadway/path reconstruction or raising, associated earthwork, mangrove trimming, and landscape, etc., as required by plans and permits. The project segments will be awarded and constructed based on permit availability, grant agreement timelines and other factors as decided by the City of Hollywood Design and Construction Management Department.

**Metric's Understanding of the City's Environmental Compliance Needs** Given the location and purpose of this project, the nexus with the natural environment is expected to be substantial. The project locations include areas with federally protected essential fish habitat containing protected mangroves and seagrasses, and are located entirely within designated critical habitat for the West Indian Manatee. As such, the environmental permits for sensitive projects such as these will likely include numerous specific conditions regarding pre- and post- construction requirements, preservation of water quality, use of in-water devices such as barges or floating platforms, archaeological findings, protected species requirements, and natural resource (seagrass, coral, and mangrove) protections. Our team has been providing oversight for these types of permitted projects on construction sites in Miami- Dade and Monroe Counties for over a decade, and we are very familiar with the general and specific conditions and requirements to maintain compliance, as well as the extensive contractor coordination needed to execute a compliant project. We will employ this understanding to accommodate any permits or environmental requirements from plans or specification documents once they have been received.

In addition, Metric's environmental staff have unmatched understanding of compliance requirements for federally funded projects due to the vast majority of our efforts being in support of federally funded transportation projects for Florida Department of Transportation (FDOT) District 6. This gives us an exceptional awareness of what is required for effective environmental oversight of roadway construction projects and monitoring of construction progress within the constraints of environmentally sensitive areas. The potential for fines, penalties, work delays, public relations issues, and litigation are all substantial given the environmental sensitivities and the heightened public interest in environmental matters for the proposed project areas.

Our environmental team is adept at preparing project teams for compliance with environmental requirements, tracking milestone progress, and ensuring schedules are being met while maintaining a high quality of work. We have repeatedly demonstrated our affinity for this type of work and have developed a unique understanding of what it takes to ensure a successful project that complies with environmental project components, including permits, National Environmental Policy Act (NEPA) commitments, and local, state, and federal regulations, especially in an environmentally sensitive areas with special designations, protected species, essential fish habitat, and protected natural resources. Most importantly, success relies on effective communication between the environmental team and the contractor so that project efficiency can be implemented and realized. Our team understands the value of this communication in a project with such environmental sensitivity, and we have proven our ability to deliver at the highest level.



## Overall Approach to Accomplishing the Project

Metric will provide technical assistance and support to the City of Hollywood in the performance of construction administration and/or CEI services project. As mentioned in *Tab B – Executive Summary* and *Tab D – Organizational Profile and Project Team Qualifications*, our team will be led by our proposed Senior *Project Engineer/Project Manager (PM), Andres Castineiras, PE, LEED AP BD+C, ENV SP*, who is a former FDOT construction professional from FDOT District 6. Mr. Castineiras will utilize a proactive approach to the management of the required CEI services, always looking to preserve the design intent of the plans as well as protect the interests of the City of Hollywood. The center of the CEI approach will be the quick resolution of open items and moving the project forward without compromising safety, maintenance of traffic (MOT), quality, and ensuring that all work accomplished is in reasonably close conformance with the contract plans, associated permits and the City of Hollywood policies and procedures, with minimal interruption to the residents along the 12 shoreline segments, Holland Park, and the surrounding community.

An overview of our staff’s involvement on the project can be found in *Tab D – Organizational Profile and Project Team Qualifications*.



## Proposed Vision, Ideas and Methodology

Metric’s vision, ideas, and methodology to deliver the project involve the following:

### Maintaining

- Close communication with City of Hollywood designated Construction Project Manager (CPM) for all construction issues, particularly those involving safety, MOT, construction access, extra costs, contract changes and time effects; always looking to expedite resolution of open items.
- Close coordination internally with the Engineer of Record (EOR) as required, to ensure the intent of the plans and design as approved by of City is preserved during the construction process. Metric, when required, and with permission from the City, will invite the EOR to the bi-weekly progress meetings to expedite resolution of open issues.
- An adequate level of surveillance of the contractor's activities without exceptions. Metric will have an inspector present on the job while the contractor is performing work.
- Complete and accurate records of all activities and events in accordance with City of Hollywood policies and procedures.

### Developing

- A well-coordinated program with input from the City of Hollywood Community Outreach Specialist (COS) to ensure all residents adjacent to each of the 12 shoreline segments, Holland Park, and the surrounding communities in Northlake and Southlake, and all project stakeholders are kept informed

of upcoming operations, lane closures, and changes in traffic patterns. If requested by the CPM, Metric could maintain a website linked to the City's website and provide current and accurate information weekly, or as deemed necessary during the construction process. The website will be capable of receiving email inquiries regarding the project. The website will be operational for the duration of the contract. In addition, Mr. Castineiras will be available to meet in person or via Microsoft Teams, as appropriate, to address any specific concerns brought by the residents and motorists along the project areas.

- A Certificate of Completion Package containing all pertinent information in accordance with directions given by the City and signed and sealed appropriately by Mr. Castineiras.
- If necessary, supplemental contract documents for extra work (work orders and service agreements (SAs)), with accurate back-up documentation in accordance with City policies and procedures.
- Contact/coordination with all separate utility representatives with specific knowledge of the project, particularly with FPL who have overhead facilities at site 8 on 10th Avenue and along Holland Park. Metric will hold a separate pre-utility meeting to discuss scheduling of any pending utility relocation work to be accomplished prior to and during the construction period and establishing protocols for protection of existing facilities in front of the affected houses during construction.

#### Ensuring

- Compliance with all permit provisions, especially protection of mangroves at each of the shoreline segments (*picture to the right*) and ensuring the contractor does not impact wetlands beyond the required construction buffer. Metric will have all buffer sections well delineated in the field prior to start of construction at any applicable shoreline segment.
- Contractor submittal of a hurricane preparedness plan for review and approval by EOR and the City CPM.
- The safe implementation of the anticipated road closures, maintaining adequate signs for pedestrians and bicyclists, and ensuring all private driveways at each of the sites as well as along Holland Park are not impacted.
- All stockpiles of material are quickly disposed of appropriately, particularly those stockpiles in front of private properties or affecting neighborhood street access or driveways.
- The contractor complies with all applicable environmental requirements and/or permits during construction, including strict compliance with National Pollutant Discharge Elimination System (NPDES) requirements and best management practices (BMPs) to protect private property.
- The contractor's operations are fulfilled within the approved right-of-way (R/W) for the project without infringing on private property. Limits of construction will be set at the outset of the project with the required environmental controls.
- All material incorporated into the project is in conformance with the contract documents.
- Approval of pertinent shop drawings and responses to RFIs, always providing a quick resolution to any issue to move the project forward.
- The contractor's construction schedules use realistic logic and attainable production rates on behalf of the City.



#### Running

- An effective pre-construction, pre-utility, pre-category, and bi-weekly progress meetings that achieve results and move the project forward, always expediting resolution of issues to avoid claims and project delays.

### Providing

- Clear direction to the contractor to avoid unnecessary claims and conflicts in the field.
- A final measurement of all pay items in accordance with the City's FE procedures.

### Documenting

- Through videos or corresponding photographs to assist in providing effective response to open items or plan changes.
- All significant changes to the construction plans, on an ongoing basis, thereby maintaining an accurate set of as-built plans for the City CPM's reference and use.
- Work done with the use of detailed spreadsheets to ensure progress payments that are accurate and without conflict with the contractor and respective subcontractors.



## Proposed Approach to the Scope of Work

**Kick-Off Meeting** If selected, Metric proposes to schedule a kick-off meeting with the City CPM and their staff, the designated City COS, and other interested parties prior to commencement of our CEI contract services. The purpose of this meeting is to create an open forum for discussion of critical aspects of the project, introduce Metric's CEI personnel, and develop an information/exchange matrix with the City key personnel to be involved in the project. *Metric's Vice President (VP) and Regional Manager of SFL CEI, Nelson V. Perez, PE, CGC*, who is acting as the *Principal-in-Charge and Corporate Support* for this contract, will attend this meeting alongside Mr. Castineiras. Metric utilizes this approach to start the project on the right track, and to be in reasonably close conformance with the City's CEI contract requirements and procedures. At this time, following the City's direction, we will establish our methodology for information/exchange and coordination protocols. Our experience has been utilizing email and Microsoft Teams as methods to communicate internally with the client and contractor. Depending on the City's preference, Mr. Castineiras can be added to the City email system and have access to the City server, in order to facilitate management of the project, and provide input for review and approval of contractor invoices and management of contract changes. Metric uses Microsoft Excel spreadsheets to track pay item quantities accordingly and Bluebeam software to address the resolution of project open issues and Request for Information (RFI) responses. In addition, we have drone pilots available to provide video and pictures of the project issues for quick resolution of any open items.

**Pre-Construction Meeting** Mr. Castineiras will schedule and conduct a pre-construction meeting with the successful contractor and subcontractors to review all coordination issues and establish how all project information will be exchanged and documented. The pre-construction meeting will follow the format required by the City PM and will be conducted as a workshop and not a simple formality. An agenda will be prepared in accordance with City policies and procedures. At a minimum, Mr. Castineiras will emphasize the following:

- ✓ Contractor/CEI contact information exchange
- ✓ Contractor anticipated staging area and process for material deliveries
- ✓ Discussion of whether the contractor will be required to comply with any City Noise Ordinance
- ✓ Utility coordination issues, particularly with Florida Power & Light (FPL), exchanging contact information and scheduling a separate pre-utility meeting if necessary
- ✓ Providing plan interpretation issues and/or clarifications
- ✓ Discussion on material substitution requirements/procedures
- ✓ Establish a process for response RFIs and establish criteria for differentiating RFIs needing immediate response versus non-critical RFIs



- ✓ Contractor proposed schedule of submittals/shop drawings and establishing a process for review and approval, and
- ✓ Contractor invoice submittals and approval process in conjunction with the City PM.

Minutes of this important meeting will be prepared and distributed to all attendees appropriately.

**CEI Field Identification/Vehicles** Metric will always have an inspector present on the project when the contractor is working, without exception. Metric inspectors will be recognized by having a company logo identifying their vehicle as appropriate and will be available to discuss any issue as requested by representatives from the City who may be visiting the project.

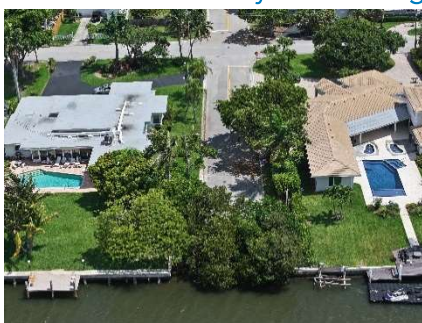


**Final Acceptance/Project Close-Out** Metric proposes to establish a process where once each shoreline segment reaches 80-85% completion, a series of preliminary punch lists is developed for the contractor to successfully address and complete prior to moving to the next section. This process, established early on, will facilitate overall project completion later in the process, since it will become repetitive and the contractor will have a plan already established towards the end of the project, defining what items require more attention than others. Once all segments are substantially completed, a final punch list will then be developed for each major component of work at each of the affected shoreline segments. Metric will require all punch list items to be addressed and approved by the City CPM before recommending Final Acceptance.

The final estimate (FE) of the project will be prepared in accordance with City policies and procedures, with Mr. Castineiras and Project Administrator, Mr. Garcia, leading the team, as they will both be certified in FEs Level 2. The final project as-builts will be signed and sealed by Mr. Castineiras and submitted to the City per the contract requirements.

**Technical Topics** The Metric CEI team reviewed the solicitation, visited the site, and developed the following approach for resolution of technical construction issues.

**Precondition Survey/Monitoring of Existing Structures for Settlement and Vibration:** It is anticipated that the installation of the new sheet-piling for construction of the shoreline walls could impact adjacent structures in private property. Metric will require the contractor to address this important issue in their Pile Installation Plan (PIP), indicating the need for establishing settlement points in any affected adjacent structures and ensuring compliance with *Section 108* for vibration monitoring (*picture to the left*). In addition, Metric will ensure the new sheet-piling wall meets the required vertical alignment and is driven in the right sequence and to required bottom tip elevation.

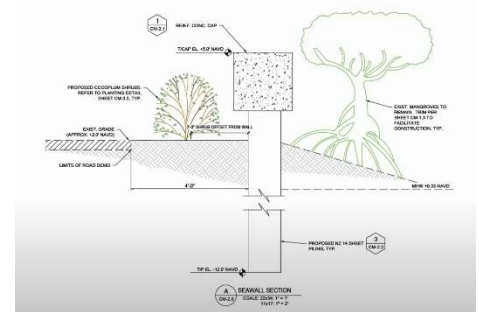


**Erosion/Stormwater Pollution Prevention Plan (SWPPP) Control:** Metric will ensure the contractor complies with all applicable environmental considerations including the provisions of NPDES, SWPPP and all federal, state, and local regulations for proper placement of all erosion and SWPPP features, following the requirements in the plans. This includes placement of floating turbidity barriers in both lakes appropriately, surrounding the shoreline segment operation in accordance with the approved permits. Senior Roadway

Inspector, Ms. Grant, holds the NPDES and FDOT Erosion Control certifications and will lead this effort, ensuring the following.

- ✓ All measures stated on the erosion and sediment control plan, and in the storm water pollution prevention plan are maintained and in fully functional condition until no longer required for a completed phase of work or final stabilization of the site.
- ✓ All erosion and sedimentation control measures and floating turbidity barriers will be checked at least once every seven calendar days and within 24 hours of the end of a 0.5" rainfall event, and have the contractor clean and repair in accordance with the following:
  - Silt fences will be repaired to their original conditions if damaged.
  - Excessive sediment will be removed from the silt fences when it reaches one-half the height of the silt fence.
  - Floating turbidity barriers will be kept functional or will be reinstalled as required.
  - Make sure all erosion control features are installed within the R/W and that they are not impacting private property.

**Constructability of Improvements:** Metric emphasizes performance of constructability reviews prior to and during construction to facilitate the contractor in constructing the improvements in reasonably close conformance with the contract plans and special provisions (*plan detail at the top right*). This method allows us to address all critical operations proactively, always moving the project forward while emphasizing quality and safety. We will hold discussions on how the contractor intends to secure the area adjacent to each segment for storage of materials and associated pile driving equipment, and concrete pumping equipment for construction of the caps without



impacting private property driveways, as well as protecting the existing mangroves. We will verify the contractor's selected method for construction of improvements, whether from land or utilizing barges on the lakes. At site 8 on 10th Avenue, there is an existing lift station (*picture to the left*) which will need to be protected during construction, thereby



requiring the contractor to drive the sheet piling from the water side. We will also hold discussions on establishing a safe MOT plan for construction of the improvements needed at Holland Park to raise the existing roads in separate phases while still allowing residents and park patrons to enjoy the park facilities (*picture to the bottom right*).

**Value Engineering** As mentioned earlier, Metric will perform ongoing constructability reviews in the form of workshops to identify all potential conflicts with new construction and anticipate challenging operations. Mr. Castineiras will implement separate workshops (outside the progress meetings) with the contractor and EORs to look ahead at upcoming activities and develop solutions to any potential challenges, including the development of contingency plans in case the preferred solution is not workable and cannot facilitate the contractor staying on schedule and control project costs. The City CPM will be invited to these workshops. We know most of the complex work will take place next to the south and north lakes, so protection of the water quality and marine traffic during all construction operations will be a subject of discussion at these meetings.

The contractor will need to select the best means and methods, the right equipment, or use the best materials and management practices for accomplishing each construction operation in the lakes, avoiding unnecessary impacts to the lakes' bed that can cause a permit violation and stoppage of work. Metric will always remain proactive with both the design EORs and the contractor to ensure we can recommend and rapidly deploy effective solutions. Our "value engineering" experience allows us to investigate unforeseen issues and concerns and develop action plans to systematically work through each unforeseen item. Potential cost-saving modifications or implementation in collaboration with the contractor and EORs will always be considered, as long as it benefits the project and does not compromise the integrity of the design preferred by the City. Our commitment to problem-solving extends to our efforts to mitigate unforeseen delays and costs. We are familiar with the latest FDOT Cost Saving Initiative (CSI) procedures and specifications and can provide guidance to the City in that regard.



### Current Workload of the Firm

The Metric SFL CEI team's current workload (as Prime) includes a Pre-Event Contract/Hurricane Milton Recovery project in FDOT District 1 (ends Sep. 2025), as well as a Task Work Order (TWO)-based contract with Miami-Dade County for bridge replacements at SW 136th Street (ends Dec. 2025), in the Village of Pinecrest at SW 87th Avenue (ends Sept. 2026). Mr. Castineiras is managing our FDOT District 1 efforts and will be 60% available for this assignment in August 2025.

Our projected workload includes fielding CEI Inspectors as a sub-consultant on two upcoming projects with FDOT District 4 and Florida's Turnpike Enterprise (FTE) with both projects estimated to start in September/October 2025; and managing the upcoming Kendall Drive Shared Use Path project for the Village of Pinecrest and the City of Dania Beach Phase II Drainage Project, both due to start in July 2025. Mr. Garcia will be managing the Kendall Drive Shared Use Path project until November 2025 and will be 50% available for this assignment.

### Available Facilities, Technological Capabilities and Other Available Resources

Metric has the resources that can assist the City in the performance of CEI services utilizing the latest technology and available computer software, as requested by the City CPM for any project related issue. We use Bluebeam software frequently to resolve responses to RFIs and in documenting plan revisions. In addition, the Metric SFL CEI Team has engineers that are familiar with AutoCAD and can provide assistance to Mr. Garcia with any unforeseen issues.

**Quality Assurance/Quality Control (QA/QC) Procedures and Timely Reporting** Mr. Perez will be in charge of QA/QC for this project. Mr. Perez has more than 36 years of experience as a Senior Project Engineer, including completing multiple high-profile projects in FDOT Districts 4 and 6, as well as serving as Corporate Support for several projects for different municipalities like the Cities of Homestead, Doral, Miami, and others. Mr. Perez will be in direct contact with the City CPM for any CEI contractual issue. Under Mr. Perez's leadership, Metric will develop an internal process to ensure the submission of all CEI invoices on time, meeting the requirements of the City. The timely submittal of invoices will allow Metric as well as the City to monitor the use of CEI funds for the project and identify early on if supplemental funds are needed, based on project completion stages. Metric will submit any needs for supplemental funds 12 weeks in advance of when the need is anticipated so the funds can be programmed accordingly. In addition, Metric will control overtime expenditures by planning ahead with the contractor how activities will be covered to ensure full coverage when needed and stagger inspection activities at those times when no presence is required. Also, our CEI project staff are well cross-trained and can assist each other in covering multiple operations minimizing need for



overtime. Metric will always strive to use effective means to control CEI expenditures. With City CPM approval we can also ramp up our inspection coverage should the project require it, due to the contractor adding more resources than anticipated, or if they fall behind schedule and need to work extra hours to recover lost time. We will submit a CEI QA/QC plan within 30 days after we receive our Notice to Proceed (NTP) and adhere to it throughout the duration of the project. Metric will also perform an initial and follow-up review of our CEI team to evaluate resources, documentation, procedures, training and processes; and recommend improvements so these can be implemented if necessary. Mr. Perez will be available to the City as a resource for any CEI contractual issue, always looking to fulfill our CEI contract obligations in the best manner.

**QA/QC Procedures and Coordination with Other Disciplines:** Metric will establish a QA/QC process to coordinate all activities with the corresponding EORs to ensure the review of all project submittals is done without unnecessary delays, keeping the project moving at all times. The contractor will address all required information in each submittal appropriately, to avoid a back-and-forth review with delays in the process. Metric will ensure the contractor uses established industry practices and complies with applicable permit provisions, design standards, building codes and all applicable provisions in the contract documents.

**CEI Consultant Availability and Accessibility** Metric will always prefer to hold all meetings at the project site or nearby so if there is any open issue it can be addressed in the field to expedite resolution. If not practical, some meetings can be held through Microsoft Teams. Mr. Castineiras will look for locations for the pre-construction and pre-utility conferences and the bi-weekly progress meetings to be held at a site in proximity to the project, or if preferred by the City CPM, Metric will reserve, in advance, the use of an available conference room within the City premises to hold these important meetings. Mr. Castineiras will make himself available at any time to meet with the City CPM and their representatives as required for any issue or concerns affecting the project.



## Understanding of the City's Vulnerability to the Effects of Climate Change and Sea Level Rise

**Metric's Goal to Address Resiliency Through Assigned Projects** Metric recognizes that the City of Hollywood is a coastal municipality facing significant and multifaceted risks associated with climate change and sea level rise, which have recently devastated many low-lying and coastal areas in Broward County; specifically during the extreme rainfall events in April, 2023 and June, 2024. Over the last decade, the City has spent millions of dollars on studies, assessments, plans, and now designs for adaptive responses to these impacts. Vulnerabilities are many, but these mitigation projects will kick off a series of carefully planned projects building off the City's previous efforts, which provide long-term protections to this geographic area and the public and private properties most at risk.



## Anticipated Climate Vulnerabilities

**Sea Level Rise and Tidal Flooding:** Nuisance flooding, already a recurring issue, is projected to increase dramatically, potentially occurring over 226 days per year by 2060 as sea levels rise by up to two feet.

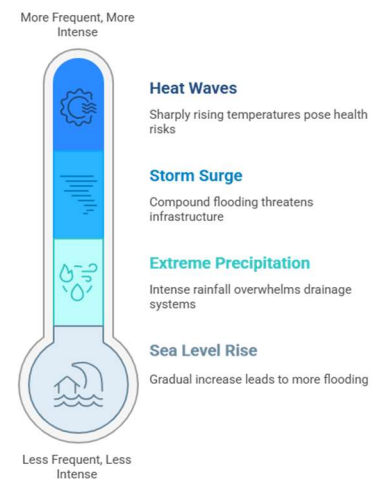
**Storm Surge and Compound Flooding:** The convergence of storm surge, high tides, and extreme rainfall events will increasingly threaten low-lying infrastructure and neighborhoods.

**Extreme Precipitation:** As rainfall events grow more intense, drainage systems will face increased pressure, requiring significant adaptation.

**Heat Waves and Urban Heat:** The frequency of days exceeding 92°F is expected to rise sharply, from approximately seven (7) days per year currently, to nearly 100 days per year by 2050, posing health and energy challenges.

We also understand that this Tidal Flooding Mitigation and Shoreline Protection project represents a substantial step forward in the City's response to these increasingly frequent events and the rapidly growing concerns and risks associated with them by prioritizing critical assets and the low-lying "hotspot" most vulnerable to tidal flooding. This area is already experiencing the most severe tidal flooding in the City, and the project design will lead future climate adaptation efforts by improving all City-owned shorelines in the area and ensuring publicly owned property will not be the "weak link" contributing to flood-related losses on privately-owned properties in the area. Metric's CEI team is ideally suited to oversee this critical infrastructure project and ensure the future benefits can be realized as quickly as possible through sequential and successful implementation of each individual improvement.

As a committed partner, Metric's CEI team is excited at the opportunity to support the City in advancing its comprehensive and science-based approach to climate resilience by building upon existing assessments and engineering analyses. Metric's environmental team also is constantly working to remain on the cutting edge of resiliency concepts and can screen for additional resiliency opportunities, such as recommend design/material enhancements like living seawall panels. Overall, we commit to providing an efficient, organized, precise, well-documented, and forward-thinking implementation of this important phase of the City's many upcoming resiliency improvements.



**Tab F**

## References

## Tab F. References

### Projects with Similar Scope as Listed in this RFQ

Below are Metric's past projects with similar scope as listed in this RFQ, which correspond with the completed reference forms included at the end of this tab.

(10/2023 – 02/2025) Miami-Dade County Department of Transportation and Public Works (DTPW) | Project No. EDP-MT-20210010, Work Order # 1 Rehabilitation of Bear Cut Bridge No. 874544 Over Biscayne Bay / Bear Cut, Rickenbacker Causeway, Miami-Dade County, FL: Metric served on the rehabilitation of Bear Cut Bridge project. The project consisted of rehabilitation work, joint replacement at piers/abutment, superstructure repairs, CIP Substructure repair, bulkhead repairs, slope wall repair, and strengthening of existing prestress girders.

**Client:** Miami-Dade County DTPW | Christopher Yepez, EI | 111 NW 1<sup>st</sup> St, Ste 1600, Miami, FL 33128 | Phone: (305) 302-5988 | Fax: N/A | [Christopher.yepez@miamidade.gov](mailto:Christopher.yepez@miamidade.gov)

**Project Start and End Date:** 10/2023 – 02/2025

**Beginning and Ending Project Budget:** \$3,272,956.24 (Beginning); \$3,585,884.26 (Ending)

**Was this project completed on time and within budget?** Yes

**Number of Amendments and Change Orders:** One change order for \$312,928.02

**Stop Work Orders and Reasons:** None

(10/2023 – 12/2024) Miami-Dade DTPW | Work Order # 1 Venetian Causeway Bridge No. 874459 and No. 874474 Hurricane Irma Repairs, Miami-Dade County, FL: The project consisted of repairing hurricane damage to the West Bascule Bridge, East Bascule Bridge, and East Generator Building on the Venetian Causeway. Work includes repair of the damaged fender systems, replacement of navigational lights, repair of spalled piles in the fender systems, repair of existing damaged roof tiles at both bridge tender houses and stucco/roof repairs at the East Generator Building.

**Client:** Miami-Dade County DTPW | Christopher Yepez, EI | 111 NW 1<sup>st</sup> St, Ste 1600, Miami, FL 33128 | Phone: (305) 302-5988 | Fax: N/A | [Christopher.yepez@miamidade.gov](mailto:Christopher.yepez@miamidade.gov)

**Project Start and End Date:** 10/2023 – 12/2024

**Beginning and Ending Project Budget:** \$985,719 (Beginning); \$1,261,012.20 (Ending)

**Was this project completed on time and within budget?** Yes

**Number of Amendments and Change Orders:** One change order for \$275,293.20

**Stop Work Orders and Reasons:** None

(03/2018 – 03/2024; 12/2023 – 11/2028) Florida Department of Transportation (FDOT) District 6 | Districtwide Environmental Compliance Monitoring Consultant (Contract BE536 and BEG36); Districtwide Environmental Compliance Monitoring of Construction or Maintenance Projects (Contract BEG36), Various Locations, FL:

Under this contract, Metric performs extensive monitoring of FDOT Construction Projects throughout Miami-Dade and Monroe Counties, working side-by-side with project CEI to ensure all rules, regulations, permit conditions, contract specs and commitments are addressed by the contractor. Work under this contract is identical to the environmental specialty support that will be needed under the current contract.

**Client:** FDOT District 6 | Nathan Pulido, PE | 1001 NW 111<sup>th</sup> Ave, Miami, FL 33172 | Phone: (305) 470-5264 | Fax: N/A | [nathaniel.pulido@dot.state.fl.gov](mailto:nathaniel.pulido@dot.state.fl.gov)

**Project Start and End Date:** 03/2018 – 03/2024; 12/2023 – 11/2028

**Beginning and Ending Project Budget:** \$1,100,000

**Was this project completed on time and within budget?** Yes

**Number of Amendments and Change Orders:** None

**Stop Work Orders and Reasons:** None



# FORM 4

## VENDOR REFERENCE FORM

City of Hollywood Solicitation #:

RFQ-318-25-WV

Reference for:

Metric Engineering, Inc.

Organization/Firm Name providing reference:

Miami-Dade County Department of Transportation and Public Works

Organization/Firm Contact Name:

Christopher Yepez, EI

Title: Construction Project Manager

Email:

christopher.yepez@miamidade.gov

Phone: (305) 302-5988

Name of Referenced Project:

Rehab of Bear Cut Bridge

Contract No: EDP-MT-20210010

Date Services were provided:

10/2023 - 02/2025

Project Amount: \$3.5M

Referenced Vendor's role in Project:

☒ Prime Vendor

☐ Subcontractor/ Subconsultant

Would you use the Vendor again?

☒ Yes

☐ No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary):

Project No. EDP-MT-20210010, Work Order #1 Rehabilitation of Bear Cut Bridge No. 874544 Over Biscayne Bay / Bear Cut, Rickenbacker Causeway: The project consisted of rehabilitation work, joint replacement at piers/abutment, superstructure repairs, CIP Substructure repair, bulkhead repairs, slope wall repair, and strengthening of existing prestress girders.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
<b>Vendor's Quality of Service</b>				
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"/>
<b>Vendor's Organization:</b>				
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. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Timeliness/Cost Control of:</b>				
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"/>

Additional Comments (provide additional sheet if necessary):

****THIS SECTION FOR CITY USE ONLY****						
Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:				Title:	
	Department:				Date:	

# FORM 4

## VENDOR REFERENCE FORM

City of Hollywood Solicitation #:

RFQ-318-25-WV

Reference for:

Metric Engineering, Inc.

Organization/Firm Name providing reference:

Miami-Dade County Department of Transportation and Public Works

Organization/Firm Contact Name:

Christopher Yepez, EI

Title: Construction Project Manager

Email:

christopher.yepez@miamidade.gov

Phone: (305) 302-5988

Name of Referenced Project:

Venetian Causeway Bridge

Contract No: EDP-MT-20210010

Date Services were provided:

10/2023 - 12/2024

Project Amount: \$1M

Referenced Vendor's role in Project:

☒ Prime Vendor

☐ Subcontractor/ Subconsultant

Would you use the Vendor again?

☒ Yes

☐ No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary): Work Order #1 Venetian Causeway Bridge No. 874459 and No.

874474 Hurricane Irma Repairs, Miami-Dade County Department of Transportation and Public Works (DTPW): The project consisted of repairing hurricane damage to the West Bascule Bridge, East Bascule Bridge, and East Generator Building on the Venetian Causeway. Work includes repair of the damaged fender systems, replacement of navigational lights, repair of spalled piles in the fender systems, repair of existing damaged roof tiles at both bridge tender houses and stucco/roof repairs at the East Generator Building.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
<b>Vendor's Quality of Service</b>				
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"/>
<b>Vendor's Organization:</b>				
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. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Timeliness/Cost Control of:</b>				
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"/>

Additional Comments (provide additional sheet if necessary):


### \*\*\*\*THIS SECTION FOR CITY USE ONLY\*\*\*\*

Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:				Title:	
	Department:				Date:	

# FORM 4

## VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-318-25-WV  
Reference for: Metric Engineering, Inc.

Organization/Firm Name providing reference: FDOT District 6  
Organization/Firm Contact Name: Kylie Shivers Title: Project Mgr./Env. Permit Coordinator  
Email: kylie.shivers@dot.state.fl.us Phone: (305) 470-5263  
Name of Referenced Project: DW Environmental Compliance - See Page 2 for Full Title Contract No: BE536 and BEG36  
Date Services were provided: 03/2018 - 03/2024 and 12/2023 - Present Project Amount: \$1.2M + \$1.5M  
Referenced Vendor's role in Project: ☒ Prime Vendor ☐ Subcontractor/ Subconsultant  
Would you use the Vendor again? ☐ Yes ☐ No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary): See Page 2 for project description.

Please see email on page 2 below.

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):
FDOT is prohibited from providing subjective feedback (i.e. endorsement) on reference forms. Please see email on page 2 below.

****THIS SECTION FOR CITY USE ONLY****						
Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:				Title:	
	Department:				Date:	

Districtwide Environmental Compliance Monitoring Consultant (Contract BE536 and BEG36); Districtwide Environmental Compliance Monitoring of Construction or Maintenance Projects (Contract BEG36), FDOT District 6: Metric's Environmental team provides inspection and monitoring of all active construction sites and mitigation projects within FDOT District 6 to verify, document, and facilitate environmental permit compliance as well as compliance with related environmental commitments NEPA and local, state, and Federal regulations. Work includes preparation of environmental compliance documentation for pre-construction meetings, conducting routine inspections of active construction sites, coordinating with project CEI staff to ensure continued environmental compliance with FDEP NPDES permits, SFWMD ERPs, Water Use and ROW permits, USACE Section 404 permits, USACE Section 408 clearances, FKNMS permits, NMFS, Miami-Dade County permits for off-system roads, protected species requirements and NEPA commitments, as well as coordination with FDOT and regulatory agency staff. During the prior contract term (2018-2023), Metric provided extensive Hurricane Irma erosion repair environmental support including all scoping, field investigations and resource delineations, environmental design plans development, and all environmental regulatory agency coordination / documentation needed for acquisition of all permits or approvals from SFWMD, USACE, NMFS, USFWS, FKNMS, and FDEP.

Re: 4. Form 4 - Reference - FDOT D6 DW Env. Comp. v2.pdf



Shivers, Kylie <Kylie.Shivers@dot.state.fl.us>

To ● Ryan St. George

Cc ○ Moore, Megan



↩ Reply

↩ Reply All

➡ Forward



Fri 6/27/2025 4:00 PM

If there are problems with how this message is displayed, click here to view it in a web browser.

**CAUTION: EXTERNAL EMAIL - DO NOT click links unless you recognize the sender and know it is safe.**

Hi Ryan,

The project-specific details have been populated on the provided reference form, but the FDOT D6 Project Manager needs to be contacted directly for any additional information or questions.

Thank you,

**Kylie Shivers**

**Environmental Permits Coordinator**

Florida Department of Transportation – District 6

Adam Leigh Cann Building

1000 NW 111 Avenue – Room 6211

Miami, FL 33172

Office: 305-470-5263

[kylie.shivers@dot.state.fl.us](mailto:kylie.shivers@dot.state.fl.us)



**Tab G**

# Financial Resources

## Tab G. Financial Resources

### Financial Summary Statement

On the following page is a financial summary statement, in writing and on company letterhead, signed by a duly authorized representative, *Manuel Benitez, Metric's Chief Financial Officer (CFO)*, stating the company's present financial condition, and disclosing information as to Metric's involvement in any prior or current bankruptcy proceedings.



June 20, 2025

**RE: Financial Summary Statement**

To Whom It May Concern,

This letter is to confirm the present financial condition of Metric Engineering, Inc. as of the date above.

Based on our most recent financial records, Metric Engineering, Inc. is in a stable and sound financial position. The company maintains adequate liquidity, a healthy balance sheet, and continues to meet all its financial obligations in a timely manner. Our operations remain profitable, and we are well-positioned to sustain our commitments and pursue future growth opportunities.

In accordance with our most recently Reviewed Financial Statements by our independent auditors:

Total Assets:	\$45,305,514
Total Liabilities:	\$8,348,796

Total Liabilities consist almost entirely of Accounts Payable and Accrued Expenses. The company does not typically use outside financing to finance operations, capital expenditures, or expansion. Our Facilities Capital Cost of Money is typically less than 0.5% of Direct Labor.

Furthermore, we affirm that Metric Engineering, Inc. has never been involved in any bankruptcy proceedings, nor have we filed for bankruptcy protection under any jurisdiction in our nearly 50-year history.

Should you require any additional information or documentation, please do not hesitate to contact our office.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Manuel Benitez', with a stylized flourish at the end.

Manuel Benitez,  
Chief Financial Officer

## **Tab H**

Legal  
Proceedings and  
Performance



## Tab H. Legal Proceedings and Performance

July 1, 2025

William Varandas | Senior Purchasing Agent  
Otis Thomas | Procurement Officer (CPO)  
City of Hollywood Office of Procurement Services  
2600 Hollywood Blvd  
Hollywood, FL 33020-4807

**Subject: RFQ-318-25-WV | City of Hollywood Construction Engineering Inspections Services for Hollywood Tidal Flooding Mitigation and Shoreline Protection**

Dear Evaluation Committee:

**Metric Engineering, Inc. (Metric)** certifies that our firm has not paid liquidated damages and has not been terminated for default.

Within the last five years, Metric has not had any arbitration demands filed against the firm; has not had any lawsuits filed by or against the firm; has not had any lawsuits, administrative proceedings, or hearings initiated by the National Labor Relations Board or similar state agency concerning any labor practices by the firm; neither Metric nor any of its subsidiaries have ever had a Bankruptcy Petition filed in its name, voluntarily or involuntarily; has not had a contract to which the firm was a party terminated by another party; and Metric has never had to use bonding monies to complete a project or to pay a subconsultant or supplier.

Below is a list of Metric's civil litigation from the last five years.

Case Name: TFR Enterprises, Inc. (PLAINTIFF) vs. State of Louisiana, Through the Department of Transportation and Development & Metric Engineering Inc. (DEFENDANTS). In the 19TH Judicial District Court of Parish of East Baton Rouge, State of Louisiana Case NO. C75972632

Date Received: 3/20/2025

Description: 2017 contract with Louisiana DOTD, Contract Number 4400010672 Retainer Contract for Debris Monitoring. Allegation of Fraud and Detrimental Reliance.

Disposition of Case: Pending.

Case Name: John Kevin Butler (PLAINTIFF) vs. Joshua Aaron Eckenrod, Roads, Inc., MO Equipment, LLC, EXP US Services, Inc., Metric Engineering Inc., Eckenrod Grading & Excavating Inc., and GFY Hauling LLC (DEFENDANTS). In the Circuit Court of the 3rd Judicial Circuit in and for Circuit Civil Division of Madison County, Florida. Case NO. 24-16-CA

Date Received: 2/15/2024

Description: 2023 contract with EXP U.S. Services Inc. for FDOT D2 Debris Monitoring. Allegation of negligence, plaintiff's accident on 10/2/2023.

Disposition of Case: Dismissed May of 2025.

Case Name: Silvio Maurer (PLAINTIFF) vs. ROADWAY CONSTRUCTION, LLC, a Florida Limited Liability Company; DBI SERVICES, LLC, A Foreign Limited Liability Company, METRIC ENGINEERING, INC., a Florida





Profit Corporation; COMPLETE HIGHWAY IDENTITY, INC., a Florida Profit Corporation; MIAMI-DADE COUNTY, a Political Subdivision of the State of Florida; and FLORIDA DEPARTMENT OF TRANSPORTATION, an Agency of the State of Florida (DEFENDANTS). In the Circuit Court of the 11th Judicial District Circuit in and for Miami-Dade County, Florida. Case NO. 2022-000593-CA-01

Date Received: 9/12/2023

Description: 2011 contract with FDOT Contract Number C9042. Allegation of negligence, plaintiff's accident on 11/14/2019.

Disposition of Case: Settled; no sentence, fine or other penalty.

Case Name: David McSween (PLAINTIFF) v. Broward County, Weekley Asphalt Paving Inc., Metric Engineering Inc. and F&J Engineering Group Inc. (DEFENDANTS). In the Circuit Court of the 17th Judicial District Circuit in and for Broward County, Florida. Case NO. CACE 23-005705

Date Received: 5/19/2023

Description: 2020 contract with Broward County, Florida, Contract Number PNC2119168P1. Allegation of negligence, plaintiff's accident on 12/11/2022.

Disposition of Case: Settled; no sentence, fine or other penalty.

Case Name: Michelle Elizabeth Winterstein, individually and on behalf of minor child, I.C. (PLAINTIFF) v. Gregory Valentine, ABC Insurance Company, Colemans Hauling LLC, Progressive Security Insurance Company, Denise Doucet, Plaquemines Parish School Board, XYZ Insurance Company, Ronnie Coleman Jr., 123 Insurance Company, John Koscho Truck services LLC, ABC-1 Insurance Company, Reaper of the South Inc., and XYZ-1 Insurance Company, Metric Engineering Inc. (DEFENDANTS). In the Circuit Court of the 25th Judicial District Circuit Parish of Plaquemines State of Louisiana Case NO. 00067116.

Date Received: 3/14/2023

Description: 2017 contract with Louisiana DOTD, Contract Number 4400010672 Retainer Contract for Debris Monitoring. Allegation of negligence, plaintiff's accident on 10/6/2021.

Disposition of Case: Pending.

Case Name: Valerie Sears (PLAINTIFF) v. Broward County, City of Ft. Lauderdale, Metric Engineering Inc., Keith & Associates and Edison L. Wheeler (DEFENDANTS). In the Circuit Court of the 17th Judicial Circuit in and for Broward County, Florida, Case NO. CACE-21-007979.

Date Received: 4/22/2022

Description: 2015 contract with Broward County, Project Number 101184 for NW 27 Avenue Pedestrian Lighting Improvements. Allegation of negligence, plaintiff's accident on 9/20/2019.

Disposition of Case: Settled; no sentence, fine or other penalty.

Case Name: Charles Golladay (PLAINTIFF) v. Roads, Inc. of NWF, a Florida Corporation, Steven Glenn, LLC, a Foreign Limited Liability Company, Sunderland Trucking LLC, a Foreign Limited Liability Company, and Metric Engineering Inc., a Florida Corporation (DEFENDANTS). In the Circuit Court of the Fourteenth Judicial Circuit in and for, Calhoun County, Florida, Case NO. 2020-CA-00023.

Date Received: 7/2/2021

Description: 2017 contract with FDOT District 3 Contract #X0443: Natural Disaster Monitoring. Allegation of negligence, plaintiff's accident on 1/19/2019, plaintiff was an employee of subconsultant.

Disposition of Case: Settled; no sentence, fine or other penalty.

Case Name: Georgia Sparkman, Individually and as representative of the estate of Charles Carroll, deceased; Jessica Wade, and Zach Carroll (PLAINTIFFS) VS. Global Disaster Services, Inc., Tom-Mac Inc., Cahaba Disaster Recovery, LLC, Double M. Service LLC, D&T Marriott Enterprise, LLC, Metric Engineering



Inc and Jasper Newton Electric Cooperative, Inc. (DEFENDANTS). In the District Court of Jefferson County, Texas, Cause NO. A-206,439.

Date Received: 2/25/2021

Description: 2020 Task Order #47Y00420 with Texas DOT: Hurricane Laura Debris Monitoring. Allegation of negligence, plaintiff's accident on 9/25/2020.

Disposition of Case: Settled; no sentence, fine or other penalty.

Respectfully,

A handwritten signature in blue ink, appearing to read "NVP", is written over the word "Respectfully,".

Nelson V. Perez, PE, CGC | Vice President, Regional Manager of SFL CEI

**Metric Engineering, Inc.**

2200 W. Commercial Blvd, Ste 102, Ft. Lauderdale, FL 33309

Phone: (305) 216-5112

**Tab I**

# Required Forms/ Exhibits

## FORM 2

### ACKNOWLEDGMENT AND SIGNATURE PAGE

This form must be completed and submitted by the date and the time of bid opening.

Legal Company Name (include d/b/a if applicable): Metric Engineering, Inc.

If Corporation - Date Incorporated/Organized: July 27, 1976 Federal Tax Identification Number: 59-1685550

State Incorporated/Organized: FL

Company Operating Address: 13940 SW 136th St

City: Miami State: FL Zip Code: 33186

Remittance Address (if different from ordering address): Address is the same

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Company Contact Person: Nelson V. Perez, PE, CGC Email Address: nelson.perez@metriceng.com

Phone Number (include area code): (305) 216-5112 Fax Number (include area code): (305) 235-5271

Company's Internet Web Address: https://metriceng.com/

IT IS HEREBY CERTIFIED AND AFFIRMED THAT THE BIDDER/PROPOSER CERTIFIES ACCEPTANCE OF THE TERMS, CONDITIONS, SPECIFICATIONS, ATTACHMENTS AND ANY ADDENDA. THE BIDDER/PROPOSER SHALL ACCEPT ANY AWARDS MADE AS A RESULT OF THIS SOLICITATION. BIDDER/PROPOSER FURTHER AGREES THAT PRICES QUOTED WILL REMAIN FIXED FOR THE PERIOD OF TIME STATED IN THE SOLICITATION.

Bidder/Proposer's Authorized Representative's Signature:  Date: 7/1/2025

Type or Print Name: Nelson V. Perez, PE, CGC

THE EXECUTION OF THIS FORM CONSTITUTES THE UNEQUIVOCAL OFFER OF BIDDER/PROPOSER TO BE BOUND BY THE TERMS OF ITS PROPOSAL. FAILURE TO SIGN THIS SOLICITATION WHERE INDICATED BY AN AUTHORIZED REPRESENTATIVE SHALL RENDER THE BID/PROPOSAL NON-RESPONSIVE. THE CITY MAY, HOWEVER, IN ITS SOLE DISCRETION, ACCEPT ANY BID/PROPOSAL THAT INCLUDES AN EXECUTED DOCUMENT WHICH UNEQUIVOCALLY BINDS THE BIDDER/PROPOSER TO THE TERMS OF ITS OFFER.



## SUBMISSION

How to submit bids/proposals: Vendor's solicitation response may be submitted electronically through OpenGov, the City's designated electronic bidding system, or by mail or hand delivery to the address noted above. It is the Vendor's sole responsibility to assure its response is submitted and received by the date and time specified in the solicitation. Any timeframe references are in Eastern Standard Time. The official time for electronic submittals is BidSync's servers, as synchronized with the atomic clock. All parties without reservation will accept the official time.

### Important Notice:

The Procurement Services Division shall distribute all official changes, modifications, responses to questions or notices relating to the requirements of this document. Any other information of any kind from any other source shall not be considered official, and bidders relying on other information do so at their own risk.

The responsibility for submitting a bid/proposal on or before the time and date is solely and strictly the responsibility of the bidder/proposer, the City will in no way be responsible for delays caused by technical difficulty or caused by any other occurrence. No part of a bid/proposal can be submitted via FAX or via direct Email to the City. No variation in price or conditions shall be permitted based upon a claim of ignorance.



## FORM 5


### HOLD HARMLESS AND INDEMNITY CLAUSE

Metric Engineering, Inc.

Nelson V. Perez, PE, CGC

**(Company Name and Authorized Signature, Print Name)**

, the contractor, shall indemnify, defend and hold harmless the City of Hollywood, its elected and appointed officials, employees and agents for any and all suits, actions, legal or administrative proceedings, claims, damage, liabilities, interest, attorney's fees, costs of any kind whether arising prior to the start of activities or following the completion or acceptance and in any manner directly or indirectly caused, occasioned or contributed to in whole or in part by reason of any act, error or omission, fault or negligence whether active or passive by the contractor, or anyone acting under its direction, control, or on its behalf in connection with or incident to its performance of the contract.



Signature

Nelson V. Perez, PE, CGC

Nelson V. Perez, PE, CGC

Printed Name

Metric Engineering, Inc.

Name of Company

VP, Regional Manager of SFL CEI

Title

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**NON-COLLUSION DECLARATION AND  
COMPLIANCE WITH 49 CFR § 29**

575-060-13  
RIGHT OF WAY  
05/01  
Page 1 of 3

ITEM/SEGMENT NO.: \_\_\_\_\_  
F.A.P. NO.: \_\_\_\_\_  
MANAGING DISTRICT: \_\_\_\_\_  
PARCEL NO.: \_\_\_\_\_  
COUNTY OF: \_\_\_\_\_  
BID LETTING OF: \_\_\_\_\_

I, Nelson V. Perez, PE, CGC, hereby declare that I am  
(NAME)  
VP, Regional Manager of SFL CEI of Metric Engineering, Inc.  
(TITLE) (FIRM)  
of Miami, FL  
(CITY AND STATE)

and that I am the person responsible within my firm for the final decision as to the price(s) and amount of this Bid on this State Project.

I further declare that:

1. The prices(s) and amount of this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition with any other contractor, bidder or potential bidder.
2. Neither the price(s) nor the amount of this bid have been disclosed to any other firm or person who is a bidder or potential bidder on this project, and will not be so disclosed prior to the bid opening.
3. No attempt has been made or will be made to solicit, cause or induce any other firm or person to refrain from bidding on this project, or to submit a bid higher than the bid of this firm, or any intentionally high or non-competitive bid or other form of complementary bid.
4. The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary bid.
5. My firm has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any firm or person, or offered, promised or paid cash or anything of value to any firm or person, whether in connection with this or any other project, in consideration for an agreement or promise by any firm or person to refrain from bidding or to submit a complementary bid on this project.
6. My firm has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any firm or person, and has not been promised or paid cash or anything of value by any firm or person, whether in connection with this or any other project, in consideration for my firm's submitting a complementary bid, or agreeing to do so, on this project.
7. I have made a diligent inquiry of all members, officers, employees, and agents of my firm with responsibilities relating to the preparation, approval or submission of my firm's bid on this project and have been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion, act or other conduct inconsistent with any of the statements and representations made in this Declaration.
8. As required by Section 337.165, Florida Statutes, the firm has fully informed the Department of Transportation in writing of all convictions of the firm, its affiliates (as defined in Section 337.165(1)(a), Florida Statutes), and all directors, officers, and employees of the firm and its affiliates for violation of state or federal antitrust laws with respect to a public contract or for violation of any state or federal law involving fraud, bribery, collusion, conspiracy or material misrepresentation with respect to a public contract. This includes disclosure of the names of current employees of the firm or affiliates who were convicted of contract crimes while in the employ of another company.

9. I certify that, except as noted below, neither my firm nor any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of Federal funds:

(a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49 CFR §29.110(a), by any Federal department or agency;

(b) has within a three-year period preceding this certification been convicted of or had a civil judgment rendered against him or her for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, State or local government transaction or public contract; violation of Federal or State antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;

(c) is presently indicted for or otherwise criminally or civilly charged by a Federal, State or local governmental entity with commission of any of the offenses enumerated in paragraph 9(b) of this certification; and

(d) has within a three-year period preceding this certification had one or more Federal, State or local government public transactions terminated for cause or default.

10. I(We), certify that I(We), shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this contract by any Federal Agency unless authorized by the Department.

Where I am unable to declare or certify as to any of the statements contained in the above stated paragraphs numbered (1) through (10), I have provided an explanation in the "Exceptions" portion below or by attached separate sheet.

EXCEPTIONS:

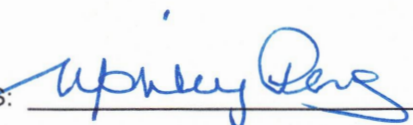
(Any exception listed above will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted, indicate to whom it applies, initiating agency and dates of agency action. Providing false information may result in criminal prosecution and/or administrative sanctions.)


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

CONTRACTOR: \_\_\_\_\_ (Seal)

BY: Nelson V. Perez, PE, CGC  
NAME AND TITLE PRINTED

BY: \_\_\_\_\_  
Nelson V. Perez, PE, CGC SIGNATURE

WITNESS: 

WITNESS: 

Executed on this 1st day of July, 2025

**FAILURE TO FULLY COMPLETE AND EXECUTE THIS DOCUMENT  
MAY RESULT IN THE BID BEING DECLARED NONRESPONSIVE**



## REQUIRED CONTRACT PROVISIONS

This certification applies to subcontractors, material suppliers, vendors and other lower tier participants.

- Appendix B of 49 CFR Part 29 –

### Appendix B—Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions

#### *Instructions for Certification*

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to whom this proposal is submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this proposal that it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

#### *Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion—Lower Tier Covered Transactions*

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

## FORM 7

### SWORN STATEMENT PURSUANT TO SECTION 287.133 (3) (a) FLORIDA STATUTES ON PUBLIC ENTITY CRIMES

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

1. This form statement is submitted to the City of Hollywood by  
Nelson V. Perez, PE, CGC - VP, Regional Manager of SFL CEI for Metric Engineering, Inc.  
(Print individual's name and title) (Print name of entity submitting sworn statement)  
whose business address is  
13940 SW 136th St, Miami, FL 33186  
and if applicable its Federal Employer Identification Number (FEIN) is 59-1685550. If the  
entity has no FEIN, include the Social Security Number of the individual signing this sworn  
statement.

2. I understand that "public entity crime," as defined in paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misinterpretation.
3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in an federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that "Affiliate," as defined in paragraph 287.133(1)(a), Florida Statutes, means:
1. A predecessor or successor of a person convicted of a public entity crime, or
  2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5 I understand that "person," as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the



United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

  X   Neither the entity submitting sworn statement, nor any of its officers, director, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

       The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

       The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime, but the Final Order entered by the Hearing Officer in a subsequent proceeding before a Hearing Officer of the State of the State of Florida,

Division of Administrative Hearings, determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (attach a copy of the Final Order).

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

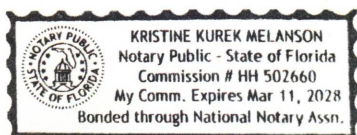
  
Nelson V. Perez, PE, CGC (Signature)

Sworn to and subscribed before me this   1st   day of   July  , 20  25  .

Personally known   X  

Or produced identification   N/A   Notary Public-State of   Florida  

  N/A   my commission expires   3/11/2028    
(Type of identification)



Kristine K. Melanson   
(Printed, typed or stamped commissioned name of notary public)



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,  
INELIGIBILITY AND VOLUNTARY EXCLUSION-  
LOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS**  
(Compliance with 2 CFR Parts 180 and 1200)

375-030-32  
PROCUREMENT  
11/15

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Consultant/Contractor: Metric Engineering, Inc.

By: Nelson V. Perez, PE, CGC

Date: 7/1/2025

Title: VP, Regional Manager of SFL CEI

Instructions for Certification

**Instructions for Certification - Lower Tier Participants:**

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers to any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.



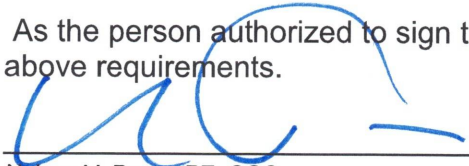
## FORM 9

### DRUG-FREE WORKPLACE PROGRAM

**IDENTICAL TIE PROPOSALS** - Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie proposals will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

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

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

  
Nelson V. Perez, PE, CGC  
Signature

Nelson V. Perez, PE, CGC

Printed Name

Metric Engineering, Inc.

Name of Company

7/1/2025

Title

## FORM 10

### SOLICITATION, GIVING, AND ACCEPTANCE OF GIFTS POLICY

Florida Statute 112.313 prohibits the solicitation or acceptance of Gifts. "No Public officer, employee of an agency, local government attorney, or candidate for nomination or election shall solicit or accept anything of value to the recipient, including a gift, loan, reward, promise of future employment, favor, or service, based upon any understanding that the vote, official action, or judgment of the public officer, employee, local government attorney, or candidate would be influenced thereby." The term "public officer" includes "any person elected or appointed to hold office in any agency, including any person serving on an advisory body."

The City of Hollywood/Hollywood CRA policy prohibits all public officers, elected or appointed, all employees, and their families from accepting any gifts of any value, either directly or indirectly, from any contractor, vendor, consultant, or business with whom the City/CRA does business.

The State of Florida definition of "gifts" includes the following:

- Real property or its use,
- Tangible or intangible personal property, or its use,
- A preferential rate or terms on a debt, loan, goods, or services,
- Forgiveness of indebtedness,
- Transportation, lodging, or parking,
- Food or beverage,
- Membership dues,
- Entrance fees, admission fees, or tickets to events, performances, or facilities,
- Plants, flowers or floral arrangements
- Services provided by persons pursuant to a professional license or certificate.
- Other personal services for which a fee is normally charged by the person providing the services.
- Any other similar service or thing having an attributable value not already provided for in this section.

Any contractor, vendor, consultant, or business found to have given a gift to a public officer or employee, or his/her family, will be subject to dismissal or revocation of contract.

As the person authorized to sign the statement, I certify that this firm will comply fully with this policy.



Nelson V. Perez, PE, CGC  
Signature

Nelson V. Perez, PE, CGC

Printed Name

Metric Engineering, Inc.

Name of Company

VP, Regional Manager of SFL CEI

Title



**Request for Taxpayer  
Identification Number and Certification**

Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

**Give form to the  
requester. Do not  
send to the IRS.**

**Before you begin.** For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	<b>1</b> Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) <b>METRIC ENGINEERING INC.</b>	
	<b>2</b> Business name/disregarded entity name, if different from above.	
	<b>3a</b> Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only <b>one</b> of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C corporation <input checked="" type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) _____ <b>Note:</b> Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) _____	<b>4</b> Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):  Exempt payee code (if any) _____  Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____  (Applies to accounts maintained outside the United States.)
	<b>3b</b> If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions _____ <input type="checkbox"/>	
	<b>5</b> Address (number, street, and apt. or suite no.). See instructions. <b>13940 SW 136TH STREET, SUITE 200</b>	Requester's name and address (optional)
<b>6</b> City, state, and ZIP code <b>MIAMI, FLORIDA 33186</b>		
<b>7</b> List account number(s) here (optional)		

**Part I Taxpayer Identification Number (TIN)**

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

<b>Social security number</b>									
			-				-		
<b>or</b>									
<b>Employer identification number</b>									
5	9		-	1	6	8	5	5	0

**Part II Certification**

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

<b>Sign Here</b>	Signature of U.S. person 	Date <b>4/10/2025</b>
------------------	--	-----------------------

**General Instructions**

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

**What's New**

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

**Purpose of Form**

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

**CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES  
ON FEDERAL-AID CONTRACTS  
(Compliance with 49CFR, Section 20.100 (b))**

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Procurement Office.)

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Name of Consultant:

By: Nelson V. Perez, PE, CGC Date: 7/1/2025

  
Authorized Signature

Title: VP, Regional Manager of SFL CEI

Nelson V. Perez, PE, CGC

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**DISCLOSURE OF LOBBYING ACTIVITIES**

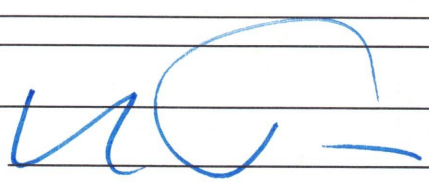
N / A

375-030-34  
 PROCUREMENT  
 02/16

Is this form applicable to your firm?

YES ☐ NO ☒

If no, then please complete section 4  
 below for "Prime"

<b>1. Type of Federal Action:</b> a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	<b>2. Status of Federal Action:</b> a. bid/offer/application b. initial award c. post-award	<b>3. Report Type:</b> a. initial filing b. material change <b>For Material Change Only:</b> Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)
<b>4. Name and Address of Reporting Entity:</b> <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known: <u>2200 W Commercial Blvd</u> <u>Ft. Lauderdale, FL 33309</u>  Congressional District, if known: 4c _____		<b>5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime:</b> _____ _____ _____  Congressional District, if known: _____
<b>6. Federal Department/Agency:</b> _____ _____	<b>7. Federal Program Name/Description:</b> _____ _____  CFDA Number, if applicable: _____	
<b>8. Federal Action Number, if known:</b> _____	<b>9. Award Amount, if known:</b> \$ _____	
<b>10. a. Name and Address of Lobbying Registrant</b> <i>(if individual, last name, first name, MI):</i> _____ _____ _____	<b>b. Individuals Performing Services</b> <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i> _____ _____ _____	
<b>11.</b> Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature:  Print Name: <u>Nelson V. Perez, PE, CGC</u> Title: <u>VP, Regional Manager of SFL CEI</u> Telephone No.: <u>(305) 216-5112</u> Date (mm/dd/yyyy): <u>07/01/2025</u>	
<b>Federal Use Only:</b>		Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)



## INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the fullname, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.  
  
(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.



CERTIFICATE

**STATE OF FLORIDA)  
COUNTY OF BROWARD)**

**I HEREBY CERTIFY** that a meeting of the Board of Directors of \_\_\_\_\_,  
a corporation under the laws of the State of \_\_\_\_\_, was held on \_\_\_\_\_, 20\_\_\_\_, and the  
following resolution was duly passed and adopted:

"RESOLVED, that \_\_\_\_\_ as \_\_\_\_\_ President of the corporation, be and he is  
hereby authorized to execute the contracts on behalf of this corporation, and that his  
execution thereof, attested by the Secretary of the corporation and with corporate seal  
affixed, shall be the official act and deed of this corporation."

I further certify that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the corporation, this  
day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Secretary

- END OF SECTION -



January 2, 2025

**RE: Contract Execution Authority**

Dear Sir/Madam:

The following is a true, certified copy of the portion of our December 13, 2024 annual meeting minutes, which authorizes Mr. Nelson Perez Valledor to execute (sign) proposals and contracts on behalf of Metric Engineering, Inc.:

*"Upon duly motion made, seconded and unanimously carried, it was RESOLVED that Nelson Perez Valledor, Vice President shall have the authority to execute on behalf of the Corporation, only those contracts which are generated in connection with his respective division."*

Should you have any questions, please feel free to contact me.

Sincerely,

**Metric Engineering, Inc.**

Mariley Perez  
Director/COO/Corporate Secretary



**STATE OF:** Florida

**COUNTY OF:** Miami-Dade

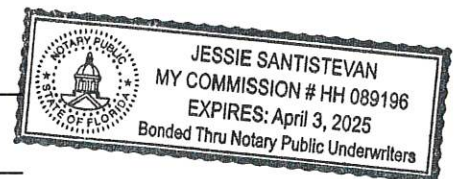
Sworn to (or affirmed) and subscribed before me this 2<sup>nd</sup> day of January 2025.

Personally Known      OR      Produced Identification

Notary Public – State of: Florida

Commission Expires: April 3, 2025

Authorized Signature: Jessie Santistevan



FORM 17

**COMMON CARRIER OR CONTRACTED CARRIER ATTESTATION  
FORM  
(PUR 1808)**

**Exhibit J**

This form must be completed by a Common Carrier or contracted carrier and submitted to the Governmental Entity with which a Contract being is executed, amended, or renewed. Capitalized terms used herein have the definitions ascribed in section 908.111, F.S.

Metric Engineering, Inc. is not willfully providing and will not willfully provide any service during the Contract term in furtherance of transporting a person into this state knowing that the person is an Unauthorized Alien, except to facilitate the detention, removal, or departure of the person from this state or the United States.

Under penalties of perjury, I declare that I have read the foregoing statement and that the facts stated in it are true.

Printed Name: Nelson V. Perez, PE, CGC

Title: VP, Regional Manager of SFL CEI

Signature: 

Date: 7/1/2025



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

06/30/2025

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

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

<b>PRODUCER</b> Collinsworth Ins & Risk Mgmt Services In P.O. Box 661628  Miami Springs FL 33266	<b>CONTACT</b> <b>NAME:</b> Erinn E Collinsworth <b>PHONE</b> (A/C, No, Ext): (786) 930-4795 <b>FAX</b> (A/C, No): (786) 930-4794 <b>E-MAIL</b> <b>ADDRESS:</b> erinn@collinsworthinsurance.com														
<b>INSURED</b> Metric Engineering, Inc.  13940 SW 136th Street  Miami FL 33186 (305) 235-5098	<table><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr><tr><td>INSURER A: HSB Specialty Insurance Compan</td><td>14438</td></tr><tr><td>INSURER B:</td><td></td></tr><tr><td>INSURER C:</td><td></td></tr><tr><td>INSURER D:</td><td></td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: HSB Specialty Insurance Compan	14438	INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:	
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**COVERAGES**

CD

**CERTIFICATE NUMBER:** Cert ID 18996 (1)**REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE  DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input type="checkbox"/> N/A						PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	<b>Cyber/Network Liab</b>			PRO-0003394327	06/30/2025	06/30/2026	Cyber Liability - Limit \$ 2,000,000 Cyber Liability - Retention \$ 15,000

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

**CERTIFICATE HOLDER****CANCELLATION**

"Specimen"

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

06/30/2025

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<b>PRODUCER</b> Collinsworth Ins & Risk Mgmt Services In P.O. Box 661628  Miami Springs FL 33266	<b>CONTACT</b> <b>NAME:</b> Erinn E Collinsworth <b>PHONE</b> (A/C, No, Ext): (786) 930-4795 <b>FAX</b> (A/C, No): (786) 930-4794 <b>E-MAIL</b> <b>ADDRESS:</b> caitlyn@collinsworthinsurance.com																					
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**COVERAGES**

CD

**CERTIFICATE NUMBER:** Cert ID 18989 (1)**REVISION NUMBER:**

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A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  <input checked="" type="checkbox"/> <b>Drone Liab -up to 20</b> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			9017896	06/30/2025	06/30/2026	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ 1,000,000 PRODUCTS - COMP/OP AGG \$ \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
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							\$ \$

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

**CERTIFICATE HOLDER****CANCELLATION**

"Specimen Certificate"

For Proposal Purposes

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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<b>PRODUCER</b> Collinsworth Ins&Risk Mgmt Services Inc 464 Glen Way  Miami Springs FL 33166	<b>CONTACT</b> <b>NAME:</b> Erinn E Collinsworth <b>PHONE</b> (A/C, No, Ext): (786) 930-4795 <b>FAX</b> (A/C, No): (786) 930-4794 <b>E-MAIL</b> <b>ADDRESS:</b> erinn@collinsworthinsurance.com														
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INSURER F:															

**COVERAGES**

CD

CERTIFICATE NUMBER: Cert ID 18999 (1)

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS														
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B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY  <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			6080427610	06/30/2025	06/30/2026	<table><tr><td>COMBINED SINGLE LIMIT (Ea accident)</td><td>\$ 1,000,000</td></tr><tr><td>BODILY INJURY (Per person)</td><td>\$</td></tr><tr><td>BODILY INJURY (Per accident)</td><td>\$</td></tr><tr><td>PROPERTY DAMAGE (Per accident)</td><td>\$</td></tr><tr><td></td><td>\$</td></tr></table>	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000	BODILY INJURY (Per person)	\$	BODILY INJURY (Per accident)	\$	PROPERTY DAMAGE (Per accident)	\$		\$				
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DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

**CERTIFICATE HOLDER****CANCELLATION**

"Specimen Certificate"

For Proposal Purposes

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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ACORD 25 (2016/03)

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

06/27/2025

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

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**COVERAGES**

CD

**CERTIFICATE NUMBER:** Cert ID 18975 (2)**REVISION NUMBER:**

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AUTHORIZED REPRESENTATIVE

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**2025 FLORIDA PROFIT CORPORATION ANNUAL REPORT**

DOCUMENT# 509621

**Entity Name:** METRIC ENGINEERING INC.**Current Principal Place of Business:**13940 SW 136TH ST  
SUITE 200  
MIAMI, FL 33186**Current Mailing Address:**13940 SW 136TH ST  
SUITE 200  
MIAMI, FL 33186 US**FEI Number:** 59-1685550**Certificate of Status Desired:** Yes**Name and Address of Current Registered Agent:**PEREZ, MARILEY  
13940 S.W. 136TH STREET  
SUITE 200  
MIAMI, FL 33186 US*The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.***SIGNATURE:**

Electronic Signature of Registered Agent

Date

**Officer/Director Detail :**

Title EXECUTIVE VICE PRESIDENT  
Name CAULEY, DOUGLAS K  
Address 1343 BRICKYARD ROAD  
City-State-Zip: CHIPLEY FL 32428

Title EXECUTIVE VICE PRESIDENT  
Name CODY, DALE  
Address 525 TECHNOLOGY PARK  
SUITE 153  
City-State-Zip: LAKE MARY FL 32746

Title EXECUTIVE VICE PRESIDENT  
Name LINARES, ROBERT A  
Address 13940 SW 136TH ST  
SUITE 200  
City-State-Zip: MIAMI FL 33186

Title VP  
Name WIWI, AMY Y  
Address 1343 BRICKYARD ROAD  
City-State-Zip: CHIPLEY FL 32428

Title VP  
Name STRATTON, CHARLES  
Address 525 TECHNOLOGY PARK  
SUITE 153  
City-State-Zip: LAKE MARY FL 32746

Title EXECUTIVE VICE PRESIDENT  
Name BURNETT, WAYMON D.  
Address 654 JENKS AVENUE  
City-State-Zip: PANAMA CITY FL 32401

Title EXECUTIVE VICE PRESIDENT  
Name BENITEZ, VICTOR M  
Address 13940 SW 136TH ST  
SUITE 200  
City-State-Zip: MIAMI FL 33186

Title DIRECTOR, COO, SECRETARY  
Name PEREZ, MARILEY  
Address 13940 SW 136TH ST  
SUITE 200  
City-State-Zip: MIAMI FL 33186

**Continues on page 2**

*I hereby certify that the information indicated on this report or supplemental report is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an officer or director of the corporation or the receiver or trustee empowered to execute this report as required by Chapter 607, Florida Statutes; and that my name appears above, or on an attachment with all other like empowered.*

**SIGNATURE:** MARILEY PEREZ**SECRETARY****01/02/2025**

Electronic Signature of Signing Officer/Director Detail

Date



**Officer/Director Detail Continued :**

Title DIRECTOR, CFO  
Name BENITEZ, MANUEL A  
Address 13940 SW 136TH ST  
SUITE 200  
City-State-Zip: MIAMI FL 33186

Title VP  
Name CARNES, CLIFFORD CRAIG  
Address 11760 MARCO BEACH DRIVE - STE. 1  
City-State-Zip: JACKSONVILLE FL 32224

Title VP  
Name RAMIREZ, ROLANDO  
Address 525 TECHNOLOGY PARK  
SUITE 153  
City-State-Zip: LAKE MARY FL 32746

Title VP  
Name PEREZ VALLEDOR, NELSON  
Address 13940 SW 136TH ST  
SUITE 200  
City-State-Zip: MIAMI FL 33186

Title DIRECTOR  
Name BENITEZ, VIVIAN  
Address 13940 SW 136TH ST  
SUITE 200  
City-State-Zip: MIAMI FL 33186

Title DIRECTOR, TREASURER  
Name BENITEZ, IVONNE  
Address 13940 SW 136TH ST  
SUITE 200  
City-State-Zip: MIAMI FL 33186

Title DIRECTOR, CEO  
Name BENITEZ, VERONICA  
Address 13940 SW 136TH ST  
SUITE 200  
City-State-Zip: MIAMI FL 33186

Title PRESIDENT  
Name RODRIGUEZ, JAVIER  
Address 13940 SW 136TH ST  
SUITE 200  
City-State-Zip: MIAMI FL 33186

Title VP  
Name MCCRARY, MICHAEL K.  
Address 1343 BRICKYARD ROAD  
City-State-Zip: CHIPLEY FL 32428

# *State of Florida*

## *Department of State*

I certify from the records of this office that METRIC ENGINEERING INC. is a corporation organized under the laws of the State of Florida, filed on July 27, 1976.

The document number of this corporation is 509621.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 2, 2025, 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 Second day of January, 2025*



  
*Secretary of State*

Tracking Number: 8656228135CC

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

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

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## ONLINE SERVICES

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## LICENSEE DETAILS

10:53:03 AM 3/10/2023

### Licensee Information

Name:	METRIC ENGINEERING, INC. (Primary Name)
Main Address:	13940 S.W. 136TH STREET SUITE 200 MIAMI Florida 33186
County:	DADE

### License Information

License Type:	Engineering Business Registry
Rank:	Registry
License Number:	2294
Status:	Current
Licensure Date:	05/10/1977
Expires:	

### Special Qualifications

### Qualification Effective

### Alternate Names





Photo Credit: City of Delray Beach

Prepared by:  
Metric Engineering, Inc.  
2200 W. Commercial Blvd  
Fort Lauderdale, FL 33309

