



Solicitation 12135-986

CONSTRUCTION ENGINEERING & INSPECTION (CEI) SERVICES FOR DOWNTOWN MOBILITY HUB

April 30, 2018



wood.



SOLID
Consulting Engineers, Inc.





April 30, 2018

Procurement Services Division
Tanzania Johnson, MPA
Senior Procurement Specialist
100 N. Andrews Avenue, 6th Floor
Fort Lauderdale, FL 33301

Dear Ms. Johnson

American Engineering Group, Inc. (AEG) is pleased to submit one (1) original and four (4) copies, plus two (2) electronic (thumbdrives) copies of our Statements of Qualification (SOQ) to provide CEI services as per City of Fort Lauderdale's Solicitation 12135-986 for the Downtown Mobility Hub project. We trust our submission is complete and prepared in accordance with the instructions provided.

Our proposed team is committed to this opportunity, and they have dedicated time preparing our response for this Request for Qualifications (RFQ). To further our understanding of the scope, features, and impacts of this project, the AEG team studied the project thoroughly. We conducted field visits and reviewed the available information regarding this project to identify key neighborhood issues that make this location in Downtown Fort Lauderdale, a focal point in the regional transportation network that integrates multi-modal supportive infrastructure to create an activity center that maximize connectivity of users. As a result, AEG is confident in the capabilities of the local, experienced team we have assembled for this project. With AEG as the anchor, our subconsultants include Solid Consulting Engineers, Inc. (SCE), HDR Construction Control Corporation (HDR), Wood Environment & Infrastructure Solutions, Inc.—formerly known AMEC Foster Wheeler—(WOOD), and Longitude Surveyors, LLC. (LG). The team chemistry we bring to serve as the City's Agent for this project will implement the desired communication and coordination approaches needed to make this project a success.

We believe the AEG team can support the City by providing timely, efficient, innovative, and quality service. We earnestly thank you for the opportunity to compete for this Contract as we submit our SOQ for your review.

Sincerely,

AMERICAN ENGINEERING GROUP, INC.

Ramón L. Arosemena, P.E.
President

PROJECT NAME

Construction Engineering & Inspection (CEI)
Services for Downtown Mobility Hub

SOLICITATION NUMBER

12135-986

RESPONSIBLE OFFICE

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Doral, FL 33172

(305) 718-8859

CONTACT PERSON

Ramón L. Arosemena, P.E.
President

Email:

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FDOT QUALIFICATION

AEG	10.1, 10.3, 10.4
SOLID	10.1, 10.3
LG	8.1, 8.2, 8.4
HDR	10.1, 10.3, 10.4, 10.5.1
WOOD	9.2, 9.3, 10.1, 10.3, 10.4

OTHER QUALIFICATION

AEG	DBE-SBE (FDOT)
	DBD-CBE (MDC)
SOLID	SBE (FDOT)
	CBE-SBE (BC)
LG	DBE (FDOT)
	SBE-DBE (MDC)
	ACDBE (MDC)

MDC=Miami-Dade County

BC=Broward County

FDOT=Florida Department of Transportation

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*SF 330 – Part II not yet available since associated business documents are being legally changed into the new name)

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American Engineering Group, Inc. (AEG – a FDOT SBE-DBE, Miami-Dade County DBD-CBE certified firm), in association with Solid Consulting Engineers, Inc. (SCE – a FDOT SBE, Broward County CBE-SBE certified firm), HDR Engineering, Inc. (HDR), Wood Environment & Infrastructure Solutions, Inc.—formerly known AMEC Foster Wheeler—(WOOD – an AASHTO accredited and certified testing laboratory), and Longitude Surveyors, LLC. (LG – a FDOT DBE, Miami-Dade County SBE-DBE-ACDBE certified firm), is pleased to submit these Statements of Qualification (SOQ) to provide CEI services as per City of Fort Lauderdale (the City)'s Solicitation 12135-986 for the Downtown Mobility Hub Project (the project) for the management, contract administration, material sampling and testing, inspection, quality assurance, compliance verification, and other services deemed necessary by the City to ensure that the project is constructed in accordance with plans and specification, as well as applicable requirements from any involved stakeholder pursuant to §287.055 Florida Statutes.

Text

1. EXECUTIVE SUMMARY

AEG was established in 2001 with a strong commitment to provide and deliver the highest quality in CEI and Construction Engineering services to the industry. Our company is comprised of individuals with strong, relevant experience and a reputation for good quality work. We are proud of our history in working together with many well-known consultants and contractors on numerous projects across Miami-Dade, Broward, Monroe, and Palm Beach counties. AEG is licensed and registered in the State of Florida as an engineering firm. We are pre-qualified in 10.1 (Roadway Construction Engineering Inspection), 10.3 (Construction Material Inspection), and 10.4 (Minor Bridge and Miscellaneous Structures CEI); and are certified as a CEI Disadvantaged Business Enterprise (DBE)/Small Business Enterprise (SBE) service provider by FDOT. We are also pre-qualified by the Miami-Dade County Department of Business Development to provide professional services to the County in categories 11, 16, and 17 as a Disadvantaged Business Enterprise (DBD-CBE); and are in the process of getting pre-qualified by the Broward County Office of Economic and Small Business Development as a SBE as well (application submitted).

Our main office is located at 8726 NW 26th St, Suite 4 Doral, FL 33172. We also have project site offices at 901 Progresso Dr, Suite 201 Fort Lauderdale, FL 33304, which will be the office location that will service this Contract if awarded; and at 2499 Glades Rd Boca Raton, FL 33431. Our company's president/principal, **Ramón Arosemena, P.E.**, has over 32 years of Construction Engineering and Management experience on a wide range of bridges and roadway projects. For this project, our staff will be led by **Jesús Fuentes, P.E.**, who has extensive knowledge working with the City of Fort Lauderdale, not only as a resident when he represented the Flagler Village Civic Association (FVCA) as Transportation Chairman, but also while successfully managing the construction of the recently completed Old Dixie Highway Improvements project for FDOT District 4 on behalf of the City. He is a member of the Sailboat Bend Civic Association (SBCA) and is the local key person the City needs to successfully manage this project. He fully understands the City's needs and will serve as an extension of the City's Transportation & Mobility Department staff. We are committed to continue providing quality engineering and construction management services to the City and achieving success through a transparent team focused on a decision-making process.

The following SOQ describes our understanding of the City's needs, goals, and objectives as they relate to the project; and our overall approach to successfully completing this project. With this submittal, our team respectfully presents to the City our understanding of the project's intent and scope, technical aspects, and challenges; our understanding of issues that may impact stakeholders, project time and budget, and the ability to resolve issues with innovative problem-solving techniques. We also describe in detail our understanding of the City's needs regarding our approach to accomplishing the management, administration, and coordination aspects of the project; our knowledge and experience with project documentation; our approach to optimization of project schedule and budget as well as to CEI Quality Control; and our communication abilities. We will then further describe our firm's qualifications, organizational profile, and staff; as well as the experience that makes us the best combination of knowledge, expertise, and dedication required for the successful administration of this construction Contract. We truly believe that we can continue to be an extension of the City; and we trust you will find that our credentials make us the CEI team that can act as the City's Agent.

2. FIRM QUALIFICATIONS AND EXPERIENCE

The attached SF 330 forms demonstrate our team's ability to satisfy all the minimum qualification requirements (see Appendix A.1. **Firm Qualifications and Experience**; for our sub-Consultants' minimum qualification requirements, please see Appendix A.2. **Other Qualification Documents**); and more importantly, the fact that our team has already successfully provided services with similar magnitude to those specified in this scope of services to the City with our recent completion of Old Dixie Highway Improvements project for FDOT District 4 on behalf of the municipality. Additionally, our staff has no record of judgments, pending lawsuits against the City or criminal activities involving moral turpitude; does not have any conflicts of interest that have not been waived by the City Commission; has not been placed on the convicted vendors list as described in Florida Statue §287.133 (2) (a), and has not failed to perform faithfully on any previous contracts with the City. Moreover, since the City is the subrecipient of federal funds, our firm—a FDOT SBE-DBE, Miami-Dade County DBD-CBE certified firm—and one of our sub-consultants, LG—a FDOT DBE, Miami-Dade County SBE-DBE-ACDBE

certified firm—are committed to not only meet but surpass the DBE participation goal (7%) required for this Contract as per 49 CFR Part 26 (see Appendix C. **Disadvantaged Business Enterprise (DBE)/Small Business Enterprise (SBE) Participation**). Lastly, the attached SF 330 forms demonstrate our team's construction experience for 3 projects of similar scope and scale within the last 5 years as requested by the RFQ; and additionally, below are listed some significant CEI services we completed for the Miami-Dade Expressway Authority (MDX), Miami-Dade County, Village of Pinecrest, FDOT Districts 4 and 6, as well as the Florida's Turnpike Enterprise (FTE).

- **Old Dixie Highway Reconstruction from NE 13th St to Middle River Bridge** in Fort Lauderdale, FL; which involved the reduction of travel-lane width & modification of shoulders along Old Dixie Highway to accommodate bicycle lanes in each direction; while additionally including the construction of raised-table intersections with crosswalks for increased pedestrian safety, a roundabout as a traffic calming feature, as well as pedestrian lighting, more than a mile of new sidewalk, and landscaping improvements along the corridor. 2018 SAFE STREET SUMMIT PEOPLE'S CHOICE AWARD – NOMINEE, 2018 CITY OF FORT LAUDERDALE TRANSPORTATION SUMMIT OUTSTANDING or PROGRAM AWARD – NOMINEE, and 2018 FTBA COMMUNITY AWARENESS AWARD – NOMINEE. **Client**

Reference: David Schweiger, P.E., (954) 734-3539, david.schweiger@dot.state.fl.us. **Cost:** \$2.6million.

- **SR-823 (Flamingo Rd) from SR-818 (Griffin Rd) to SR-84** in Davie, FL; which involved milling and resurfacing of SR-823; including almost 3 miles of new sidewalk, widening right-turn lanes to accommodate bicycle lanes and bus bays, resetting guardrails, and drainage as well as signal improvements. 2017 FTBA RURAL PROJECT AWARD – NOMINEE. **Client Reference:** David Schweiger, P.E., (954) 734-3539, david.schweiger@dot.state.fl.us. **Cost:** \$4.3million.

- **Central Boulevard at Miami International Airport** in Miami, FL; which involved improvements to the entrance and exit of the Miami International Airport (MIA) that include widening, realignment, and service loops to separate commercial and passenger traffic with the introduction of service roads to accommodate commercial vehicles, as well as the construction of 4 pre-stressed concrete I-beams bridges, 2 new structural steel bridges, and 2 bridge-widenings over the CSX RR tracks. **Client Reference:** Juan Toledo, P.E., (305) 986-6417, jtoledo@mdxway.com. **Cost:** \$51million.

- **Safe Routes to Schools Infrastructure Improvements** in Village of Pinecrest, FL; which involved signing and pavement markings improvements on SW 124th St (Chapman Field Dr) between SW 73rd Ct and SW 74th Ct; and on SW 57th Ave (Red Rd) between SW 101st St and SW 107th St for Pinecrest and Palmetto Elementary Schools. **Client Reference:** Mark Spanioli, P.E., (305) 669-6916, mspanioli@pinecrest-fl.gov. **Cost:** \$214,000.

- **SR-808 (Glades Rd) from Lyons Rd to SR-7/US-441** in Boca Raton, FL; which involved milling and resurfacing, addressing ADA sidewalk and curb ramp deficiencies, signing and pavement markings, signalization improvements, and minor landscape and irrigation improvements. **Client Reference:** Melanie Straub, P.E., (561) 370-1125, melanie.straub@dot.state.fl.us. **Cost:** \$2.4million.

- **HEFT Widening SW 216th to Eureka Dr.** in Miami, FL; which involved the widening of 9 bridges (1 steel girder bridge) and the construction of a new ramp bridge, extensive milling and resurfacing the mainline FTE, side streets, and frontage roads; as well as the installation of drainage systems project-wide, extensive signing and pavement markings, ITS features, utility relocations, full signalization of 6 intersections, sidewalk construction, and roadway lighting. **Client Reference:** Marlene Sanchez, (954) 934-1151, marlene.sanchez@dot.state.fl.us. **Cost:** \$43million

- **Flagler Bridge Replacement** in West Palm Beach, FL; which involved replacement of the existing Bascule Bridge Number 930157 with a new one connecting the Town of Palm Beach and the City of West Palm Beach over the Lake Worth Lagoon and the Intracoastal Waterway. 2018 ASCE OUTSTANDING PROJECT OF THE YEAR AWARD WINNER - PALM BEACH BRANCH. **Client Reference:** Sid Mailhes, P.E., (561) 432-4966, sid.mailhes@dot.state.fl. **Cost:** \$93million.

- **US-27/SR-25 Milling and Resurfacing** in South Bay, FL; which involved milling and resurfacing SR-25/US-27 from Hendry County Line to E. MP 12.553 North of SR 80, including the replacement of Bridge Numbers 930537 and 930538 over Miami Canal. **Client Reference:** Deborah Ihsan, P.E., (954) 777-4387, deborah.ihsan@dot.state.fl.us. **Cost:** \$15million.

- **DB12-WASD-01 Norris Cut Utility Relocation Project** in Miami, FL; which involved the replacement of the existing 54" FM underneath Norris Cut between Fisher Island and the Central District Wastewater Treatment Plant, with a new 60" force main constructed via segmental tunnel trenchless technology. This project also involved the installation of a 24" FM and a 60" FM via open cut along with the relocation of several utilities including Florida Power & Light and AT&T. **Client Reference:** Gary Clarke, (786) 552-8970, GYCRK@miamidade.gov. **Cost:** \$72million.

3. ORGANIZATIONAL PROFILE AND PROJECT TEAM

A. PROPOSED STAFFING QUALIFICATIONS, EXPERIENCE, AND AVAILABILITY.

Our primary goal is to provide the City with experienced, certified, and qualified personnel to accomplish the City's goals effectively and efficiently. The attached SF 330 forms, Organizational Chart, and Staffing Qualification Matrix contain a full description of our proposed staff qualifications, experience, and availability. Each member of our team, besides being 100% committed to this project, is fully qualified through extensive training and experience to deliver a successful project. Leading the way is Mr. **Jesús Fuentes, P.E. (AEG)**, who will serve as Sr. Project Engineer/Project Administrator, has over **13** years of experience. Mr. Fuentes has held both, project

and field positions, for FDOT Districts 4 and 6 as well as for MDX; and he has been involved in the inspection, administration, and completion of several transportation projects surpassing the \$308-million mark. Mrs. **Liz Cardenas, E.I. (AEG)**, who will serve as our Contract Support Specialist, has over **15** years of hands-on experience in construction management and project documentation. Her experience includes roadway inspection for milling and resurfacing, drainage installation, lighting, reconstruction of roadway, earthwork, and concrete structure operations in various construction projects for FDOT District 4 and FTE. In addition to field work she also has experience as a Contract Support Specialist, which included progress and Final Estimates (FE) preparation, preparing and updating project documentation, research, and evaluating engineering issues. Mr. **Mohamed Bahr (AEG)**, who will serve as a Sr. Roadway Inspector, has **25** years of experience with major highways and bridges for FDOT Districts 4, 6, and 7, FTE, and MDX. Mrs. **Cristol López (WOOD)**, with **6** years of experience in the CEI industry, will serve as the Resident Compliance Specialist and will be responsible for monitoring federally-funded contracts to guarantee compliance with Federal regulations by ensuring that their wages and deductions follow the U.S. Department of Labor and ensuring that contractors follow Federal EEO/AA Programs. Mr. **Raúl Mederos (HDR)**, who is an ISA Certified Arborist and a LIAF Certified Landscape Inspector/FNGLA Certified Horticulture Professional. He has over **15** years of landscape industry experience, including arboriculture, horticulture, environmental compliance, landscape, hardscape, and irrigation installation and maintenance for beautification projects for FDOT, municipalities, and numerous high-end condominium associations. Closing the team is Mr. **Arie Saraga (SCE)**, as our Roadway Inspector, who is a very proactive, detail-oriented inspector with **4** years of working experience on FDOT projects for Districts 4 and 6. To support our team we have **Longitude Surveyors, LLC. (LG)**, who brings its expertise in the field of surveying related to horizontal and vertical control surveys, survey verifications, as-built plans, Digital Terrain Models (DTM, and elevation certificates; and **WOOD**, who will perform laboratory testing to determine the acceptability of all materials and completed work items. Appendix B. **Organizational Profile and Project Team** summarizes the certifications that make our team, who combined will bring **78** years of working experience on similar scopes, the best choice for the City to manage this project.

B. STAFF'S EXPERIENCE AND PAST PERFORMANCE ON SIMILAR PROJECTS.

Jesús, Mohamed, and **Arie** just recently completed the Old Dixie Highway Improvements project for FDOT District 4 on behalf of the City. Vehicles used this roadway as a cut through traveling at high speeds to avoid traffic on adjacent corridors. The City, with the support from the Middle River Terrace Neighborhood Association (MRTNA), sought out to make this local road safer for all modes of transportation. The major concerns were the lack of a continuous sidewalk on both sides of the roadway, no separate bicycle facility, a deficient alignment of the road, and traffic speeding through this corridor as well as adjacent side streets. FDOT, the Broward Metropolitan Planning Organization (the MPO), the City, MRTNA, the Contractor, and AEG came together to address these concerns. As a result, a design was produced by FDOT, with the help of the City and the MPO, to provide a complete street facility to transform this corridor into a much safer, walkable environment for residents to walk and bike; while at the same time reducing speed as well as traffic count for Middle River Terrace residents to have a truly neighborhood road that connects them to adjacent commercial areas. While maintaining the historic nature of this roadway, this project provided a much safer corridor for all modes of transportation meeting "**Vision Zero**" goals, while guaranteeing road safety that aimed for an Old Dixie Highway with no fatalities or serious injuries involving road traffic. Some of the traffic calming features introduced to improve road safety were reducing traffic lanes from 12' to 10', reducing speed limit from 35 MPH to 25 MPH, raising intersections and midblock crosswalks, as well as the construction of a traffic circle at NE 16th Ct and Old Dixie Highway. The complete street features introduced to improve walkability and bicycle infrastructure were a continuous 5-foot sidewalk on both sides of the road, construction of 4-foot green bike lanes on either side of the road, construction of new ADA ramps throughout the project, the installation of pedestrian lighting throughout the corridor, and the installation of designated crosswalks on all intersections. Moreover, the safety features introduced to enhance the driving experience were the reconstruction of the deficient alignment of the road and the restoration of many driveways throughout the corridor. Lastly, some of the environmentally-friendly features introduced to reduce the project's carbon footprint were new landscape throughout the corridor, the relocation of existing trees to different City parks, the installation of flexible sidewalks to avoid damage from the tree roots, and the construction of bio-swailes to enhance sustainability and help MRTNA's resilience to the effects of inclement weather. Such project required extensive coordination with not only City staff from the T&M, Public Works, Parks and Recreation, and Police Departments but also with utility companies and residents from Middle River Terrace. Our team's management approach of facilitation, assistance, and coordination of work efforts ensured that this project always moved forward; resulting in not only a clean, good-quality, end-product but also a facility consistent with the City's vision of creating pedestrian-friendly, vibrant, more equitable streets for all.

The key personnel selected to work on this project was chosen because of the experience working on similar contracts and working together. Appendix B. **Organizational Profile and Project Team** summarizes our team's other experience on previous projects with similar scope of work.

4. APPROACH TO SCOPE OF WORK

To further our understanding of the scope, features, and impacts of this project, expected to start construction in December of 2018, the AEG team studied the RFQ (and its amendment issued on April 24, 2018) for this project thoroughly. We conducted field visits

and reviewed the available information found in the January 2018 edition of the FHWA's Fostering Multimodal Connectivity Newsletter; as well as provided by the MPO and the City's Transportation and Mobility (T&M) Department. We additionally met with FVCA and local businesses in the area to identify key neighborhood issues that make this location in Downtown Fort Lauderdale, a focal point in the regional transportation network that integrates multi-modal supportive infrastructure to create an activity center that maximize connectivity of users. This project is funded by the MPO, through their Federal Transit Administration (FTA) grant, which requires design and construction to be completed by December 31, 2019.

A. UNDERSTANDING OF PROJECT'S INTENT AND SCOPE, TECHNICAL ASPECTS, AND CHALLENGES.

Intent and Scope: The project is centrally located in an area, from NW 4th St to Broward Blvd and from the FEC/Brightline RR tracks to Andrews Ave. It is actively redeveloping because of its proximity to the downtown business district as well as government centers; and it is served by various transportation choices such as Broward County Transit (BCT), Tri-Rail (shuttle), and Sun Trolley buses; Brightline's inter-city passenger service; as well as the future Wave Streetcar, a downtown transit circulator. The purpose is to create infrastructure that enhances access to jobs and multimodal connections that is being consistent with the City's vision for the Downtown area as well as with the MPO's 2035 Long Range Transportation Plan.

Technical Aspects and challenges: Based on our understanding of the scope of work, the following discussion describes important key aspects.

Maintenance of Traffic: MOT Construction Sequence. Correct and safe sequencing of construction activities with MOT devices, signing and striping placement, and MOT in accordance with the Traffic Control Plans (TCP's), Design Standards, Part IV of the MUTCD for Streets and Highways, and the project Specifications, is key in keeping the community and transit users safe and comfortable at all levels; and our team will make sure these requirements are met. In addition, each TCP/MOT phase of work as well as each MOT setup will be reviewed and coordinated with the Contractor ahead of time and on a weekly basis, so affected property owners, transit service providers, and businesses are properly notified of operations that may directly impact them prior to beginning of work to minimize disturbance. We will also coordinate with nearby developments under construction due to potential impacts from the delivery of materials, and/or construction related activities. Additionally, there are 2 existing and heavily used RR crossing for both freight and passenger services (at Broward Blvd and at NW 4th St); and there are 3 signalized intersections (NW 2nd St and Andrews Ave, NW 4th St and Andrews Ave, as well as Brickell Ave and Broward Blvd) within the project boundaries. Special MOT coordination will be provided for construction activities in these areas to avoid worsening traffic congestion that can negatively impact mass transit/freight service in the area. We will also ensure construction progresses one street block at a time to ensure control of the operations. **Jesús**, is a local, so he knows how important this is to the community and has worked extensively with civic associations and the City; and has extensive experience with neighborhood outreach in Fort Lauderdale. He knows the key community members that are essential to the coordination process. In addition, AEG will team up with the City's PIOs, supplementing customer service efforts with hand-delivered flyers and email blasts directly to stakeholders/customers to keep them informed throughout the course of the project, and with any other assistance needed. **Allowable working hours.** Working hours should not interfere with the service schedules of the BCT, Tri-Rail, and Sun Trolley bus routes currently servicing passengers at the BCT Central Terminal. In addition, the City of Fort Lauderdale's Noise Ordinance (Sec. 17-6) restricts permissible noise levels to protect the residential character of the neighborhood, especially for those units adjacent to NW 4th St. This ordinance limits the hours of any noise disturbance which include noise generated by construction equipment. Therefore, enforcing the allowable working hours will be our priority to ensure minimal disturbance to the community. This will require an extensive review of the Contractor's two-week look ahead and Critical Path Method (CPM) schedule to ensure the work scheduled fits the time restrictions set in place. **Lighting.** The lack of adequate lighting along this multi-block area was brought to our attention by FVCA and City staff. There are several locations with reduced night-time visibility, where permanent lighting should be recommended. These areas need to be considered during the MOT/TCP development and setup, as well. Our staff will ensure that any MOT setup is planned considering low night-time visibility that can potentially be improved by placement of temporary lighting during construction; and if permanent lighting work is included in the scope of work, we will work with the EOR, during our constructability review, to see if such items can be constructed early to benefit the project throughout construction. We



Figures 1 and 2. View of pre-existing area of Brickell Ave by the BCT Central Bus Terminal.



will also ensure that such task is performed meeting the requirements of the Contract Documents and the latest editions of the National Electrical and Safety Codes; as well as that the intent of the design is fulfilled and that the shop drawings are followed with thorough inspection while keeping City staff informed and involved so the maintenance transfer at completion goes smoothly.

Milling and Resurfacing: As per our conversation with the City, if paving is not performed as part of the Wave Streetcar Project, then it might/may be performed as part of this Contract. If so, paving during the day will be a challenge as vehicular/pedestrian/bicycle traffic is higher during daytime than during night-time operations. **Jesús, Mohamed, and Arie** have extensive paving experience and if paving is included, we will hold a thorough Pre-Paving Meeting, where we will discuss/review the allowable work times and the required MOT setup for these activities to ensure a complaint-free operation. We will also review the details of the actual paving operations such as milling, overbuild (if required), and cross-slope requirements to ensure a quality product from the Contractor. During construction, our staff will oversee milling and resurfacing operations to ensure the intent of the design is fulfilled. Assessments/reviews of the work zone will be performed daily by our staff to enhance safety and incorporate changes that will benefit the public awareness and understanding of the work zone areas. Work load will be discussed as well to ensure the Contractor's working hours fit the restrictions set for the Contract Plans. AEG will monitor and verify that the Contractor submits lane closures/MOT Permit requests in advance for review and approval by the City's T&M Department - MOT; and we will coordinate such submittals with the project's PM and PIOs. Notifications will be sent out accordingly to maintain community awareness, especially when driveway areas are set to be paved to minimize disturbance/inconvenience to property owners, and to maintain safety.

Landscaping/Hardscaping: This scope encompasses streetscape improvements to connect existing and future transit options while creating a framework for private development consistent with the Downtown Fort Lauderdale Design Guidelines; which will include sidewalks, crosswalks, wayfinding elements, street furniture, and landscaping for comfort in a hot and humid climate. A Pre-Landscape Installation Meeting will be held, involving the City's staff, the LAOR, and the City's Urban Forester. **Raúl** and the rest of the team will ensure the Contractor installs the required plants and shrubs per the Landscape Plans and meets the minimum size, spacing, and installation requirements. No changes or substitutions will be made to the layout without proper approval; and these layouts will be checked in the field prior to beginning of work to ensure that there are no conflicts with the proposed design and visibility triangles. Pre-activity meetings will be held for all other streetscape components that aim to provide safe walkways and give the area a "complete street" character. This part of the scope is paramount for FVCA and the City since it will provide the safety features to comply with the current "**Vision Zero**" mobility and safety recommendations, championed by the MPO and the City. AEG will ensure that the intent of the design is fulfilled, and that the Contractor understands how important the scope of work is for residents and transit users alike. We will perform an assessment of the existing sidewalk areas to ensure that existing sections not meeting ADA requirements are addressed as part of the scope of work to enhance walkability and accessibility. We will work with the Contractor in planning production to impact the least number of neighbors/commuters at a specific time; to ensure that planned work fits the work hour restrictions set for the Contract Plans; and to require adjustments to be made accordingly if necessary.



Figure 3. Example of sidewalk areas not meeting ADA requirements within project limits.

Utility Adjustments: Based on our site visit, existing water valves, sewer cleanouts, as well as manhole frames and covers located either on the existing asphalt or along sidewalk areas will need to be adjusted to eliminate hazards and to provide a smooth traveled-lane for motorists/bicyclists. Our staff will perform an assessment of the existing infrastructure and will coordinate with the City's Public Works Department for any applicable adjustment to ensure a quality end-product. For any other facilities requiring relocation or adjustment (the Utility Work Schedules are not available now), we will implement extensive planning and coordination to avoid any project delays. For the utility work that is to be performed prior to construction (if any), our staff will perform an assessment of field conditions to verify if such work was performed in accordance with the relocation agreements; and we will coordinate with the Contractor to identify timing of these relocations, so they can be accomplished without disrupting or delaying the Contractor's work. For the utility work that is to be performed during construction, our staff will hold utility pre-activity/field meetings with all involved utility representatives to discuss relocation agreements, schedule of operations, permit requirements, lane closures and MOT setups, as well as maintenance of pedestrian accessibility throughout the duration of such activities; which will be documented daily by our field staff. Our goal will always be to facilitate, assist, and coordinate work efforts to ensure that the project moves forward.

B. UNDERSTANDING OF ISSUES THAT MAY IMPACT STAKEHOLDERS, PROJECT TIME AND BUDGET, AND THE ABILITY TO RESOLVE THESE ISSUES.

BCT/Tri-Rail/Sun Trolley: The project is located adjacent to the main transportation hub of the County. Therefore, prior to commencement of work, our staff will hold coordination meetings with each public transportation agency to assess their concerns, requirements, and expectations since it is imperative that service is not interrupted during construction. Any temporary relocation (if necessary) will be coordinated ahead of time as well to ensure that commuters currently serviced at the Central Terminal facility (with

BCT routes 1, 6, 9, 10, 11, 14, 22, 30, 31, 40, 50, 60, 81, and US1 Breeze; Tri-Rail shuttle routes FL1 and FL3; as well as Sun Trolley Downtown, Neighborhood, and NW Community Links), are not affected by construction.

The Public: Community satisfaction is a priority. Activities must be scheduled in such way that the impact of work is limited to specific areas to reduce public inconvenience. Our staff will coordinate with the Contractor to plan construction activities as well as temporary pedestrian diversion/detours, so these affect the least number of residents at a specific time. To accomplish that, the City needs a team like ours that has worked extensively with the public. AEG has implemented great neighborhood outreach techniques on previous projects; so, with confidence, the City's PIOs can rely on our team to address concerns from the neighbors, businesses, and commuters. Our staff will become part of the community during construction. This approach encourages a better flow of communication prior to any issue escalation. Our team will provide to the City's PM a public risk analysis that evaluates any risks, our proposed mitigation strategies, and their final resolutions; which will include any arrangement necessary to deal with the homeless population during construction with either the City's Police Department or via the DDA's Ambassador's Program. This report will be provided for review on a quarterly basis and updated as issues are detected onsite that may require our attention/coordination. Our goal is to provide the City a complaint-free project.

Utilities: In addition to the items discussed above in section 4(A) regarding utility adjustments, there may be unidentified underground lines to be taken into consideration while performing excavation operations or any other work. Therefore, these will require special coordination efforts to ensure that if in conflict with the proposed work, actions are taken in a timely manner to avoid any project delays. As with any other project, AEG will ensure that notices are given to all utility owners a minimum of 2 days and a maximum of 5 days before digging or excavating as set forth in the Florida Statute §553-854; and more importantly, that clearances are maintained, as required by OSHA, in the proximity of high-voltage transmission and lower-voltage distribution conductors. Our goal is to lead and facilitate this process while keeping the City informed of any issues.



Figures 4, 5, and 6. Examples of existing utilities that will require adjustment within project area.

The City's Parking Services: Within this project's boundaries, there are several on-street parking locations (#82410 on Brickell Ave, #82430 on NW 2nd Ave, #82450 on NW 1st St, and #82011 on NW 4th St), as well as the entrances for parking lot locations #82956 and #82143 off Brickell Ave that might be affected or be unavailable for users during construction. Our staff will ensure that a parking meter mitigation is performed prior to coordinating any closures with The City's T&M Department – MOT/Parking Divisions; and we will team up with the City's PIO to inform users about any temporary service disruption, especially if such occurrences happen during events such as the monthly FAT Village ArtWalk.

The Wave Streetcar: The Wave will serve downtown Fort Lauderdale to connect the hospital/Courthouse districts on the south side of New River with the downtown business core and government, education, transportation, shopping, recreation, and entertainment centers on its north side; including an area within the limits of this project. FDOT is the lead partner for this project, and new construction bids were unveiled on April 26, 2018 to select who will build the project. Such bids came higher than the \$142.5 million maximum that would have allowed FDOT to move forward with the streetcar system; so, it is unsure if at this point the project can continue to move forward. However, if it does, once a bid is awarded and ratified by all partners (DDA, County, City, and FDOT), construction might be happening alongside with this project. Our team is aware that the City Commissioners will hold a workshop on April 28, 2018 to review options; and they plan to vote on the project at their meeting on May 1, 2018. If ratified, the City needs a partner that has extensive knowledge about this major element that aims to be a vital component of the overall transportation network and will create options that support mobility in the region. During the final planning phase of this project, **Jesús** participated in many workshops, public meetings, and events regarding this project while representing FVCA as its Transportation Chairman. Hence, our team already knows the key personnel to coordinate any design and construction related issues to resolve them expeditiously to avoid any potential delays.

Broward County Traffic Engineering Division (BCTED): If timing of the 3 signalized intersections mentioned in section 4(A) needs to be maintained for MOT purposes, then a maintenance agreement needs to be made by a responsible representative of the Contractor and BCTED. Such agreement to transfer maintenance responsibilities accordingly during the construction period of the project will be valid until BCTED and AEG/the City conduct a final inspection; and BCTED agrees to accept maintenance and timing of the facilities back. To minimize traffic impacts and conflicts with any MOT setups, our goal is to lead and facilitate this process while keeping the City informed of any issues. Additionally, if any work involves activities along Andrews Ave, such work must be coordinated with the agency since the County has jurisdiction over this road. We will lead and facilitate this process while keeping the City informed of any issues.

Adjacent construction projects: Within the boundaries of this project, there are currently two ongoing constructions: Flagler Storage, located at 125 NW 4th St; and Tru/Home2Suites by Hilton Hotel located at 315 NW 1st Ave (Brickell Ave). Additionally, there two other approved projects that might have construction along with this project: FAT City located at 300 N Andrews Ave; and Apache Lofts located at 401 NW 1st Ave. Impacts to MOT setups from delivery of materials, and/or construction related activities can cause delays. Therefore, coordination will be required with these developers to ensure that any MOT permit requests submitted as part of their activities do not interfere with this project's proposed scope of work. We will assist the City's T&M department – MOT with the review of such requests to

guarantee the safety of pedestrians, bicyclists, and motorists traversing the area to comply with the current “Vision Zero” mobility and safety recommendations. The same approach will be implemented if roadway improvements (or any other work related to the Wave Streetcar) happen while this project is ongoing. AEG will review MOT setups to eliminate redundancy to avoid worsening traffic congestion that can negatively impact traffic flow of the public through the area.

FEC/Brightline: Any work proposed within the vicinity of the RR crossings mentioned in section 4(A) will require monitoring of the Contractor’s activities to safeguard the railroad’s property and operations. AEG will coordinate during the design phase with FEC/Brightline to furnish flagging services to ensure that such arrangement is included in the budgeted cost of the project. If indeed needed, AEG will track flagging services provided by the railroad company, so compensation is processed accordingly as part of the Contract’s cost. Finally, we will maintain close and constant communications with FEC/Brightline’s Coordinator to resolve any unforeseen situations; as well as to minimize traffic impacts and conflicts with any MOT setups. There has been a recent increase in RR accidents with Brightline’s faster trains, so it is imperative that we ensure a safe work environment to guarantee the safety of both railroad operations and the workers during construction activities.



Figure 7. RR Crossing at NW 4th St.

C. INNOVATIVE PROBLEM-SOLVING TECHNIQUES.

Proactive Approach: To find any potential project-impacting issues not anticipated during the planning phase, we will implement an early preparatory approach to contact all the agencies and stakeholders affected by this project as part of our constructability review. As soon as the design has been developed to sufficient details, our staff will thoroughly review the plans/Contract Documents provided. Proactively discovering field/plan issues ahead of time helps to close Request for Information (RFIs) faster and minimize/eliminate the risk of notices of intent to claim (NOI’s). We will assist the EOR with setting up comments review meetings, to discuss input provided by all reviewers to clarify information and review any errors; to eliminate construction requirements that are difficult or impractical to build; to verify accurate depictions of site conditions about access, utilities, and general configuration; and to review quality requirements and standards required for the project construction deliverables. The same approach will be followed during construction. Our team, including our inspectors, will check the plans, specifications, and indexes and examine the field ahead of work activities, so constructability issues can be resolved before they affect project’s cost and schedule.

Partnering: We believe in a strong partnering to achieve the ultimate common goal: a successful project. Therefore, it is our policy to always work to develop trust with all the agencies and stakeholders involved so issues can be resolved through a team approach. This style of management allows us to brainstorm more freely for solutions or possible alternative actions while always looking for the win-win solution that can keep the project moving forward.

Digital Reporting and Documenting: Video-conferencing with the EOR and other involved parties while in the field has become instrumental to timely resolve issues often found in conflict with the proposed work. Apps such as FaceTime have helped us communicate field situations in real time, discuss workable solutions, and make determinations on the spot. This approach has reduced the risk of delays and has helped us move the projects forward. Also, we are planning to manage an e-document Contract. A substantial amount of field paperwork will be generated and processed daily; therefore, our personnel will use apps such as CamScanner to expeditiously submit field documents such as material delivery tickets, allowing for a more efficient processing and filing of onsite activities. Moreover, inventories of existing conditions prior to commencement of work are extremely useful to mitigate any substantial discrepancy with what is shown in the plans. Therefore, our team will be creating reports, using Bluebeam Software Technology, with pictures and field notes that can be used to compare plan information while reducing the issuance of unnecessary RFIs. Also, our team will be equipped with a Drone camera/video to track progress at the construction site or to conduct site safety inspections as needed, while keeping the City’s PM well-informed of all critical issues. Finally, we will provide to the City a share-point space service to storage files, pictures, and any other construction related documents while construction is ongoing. An access link will be provided to City staff, so any related document can be obtained at any time from the server if necessary. We aim for an all-electronic document processing to efficiently manage the daily construction activities.

5. UNDERSTANDING THE CITY’S NEEDS

Flagler Village has been undergoing significant urban renewal. Developers, artists, and residents have transformed the neighborhood; and it is now noted for its art districts, residential developments, and most recently, its restaurants. What was once a neglected warehouse and residential district, has been reborn into what is rapidly becoming the City’s trendiest spot; therefore, the City wants this project to set the trend for future developments to link complete streets, public spaces, and buildings, all within easy access to various modes of transportation. This project is in line with the Transit Oriented Development (TOD) guidelines; and aims to encourage

future development within proximity to transit stations, while aligning the current Downtown Master Plan design guidelines with current and planned transit initiatives. The project will create a pedestrian-friendly, vibrant hub to support the continued growth of Downtown as a live, work, and play environment; and AEG is ready to make it happen. The following sections describe our approach to manage this Contract to fulfill the City's vision of having multimodal transportation options connected and streets that are safe and walkable for all.

A. APPROACH TO ACCOMPLISHING THE MANAGEMENT, ADMINISTRATION, AND COORDINATION ASPECTS OF THE PROJECT.

We have selected a team composed of highly qualified and experienced individuals with extensive management skills and knowledge of construction issues. Our staff will keep City's PM informed of any situation that may impact money and/or time; and they will present solutions to construction issues in a timely, decisive, and cost-effective manner. The following includes a summary of our proactive actions to manage this project:

Constructability Review: In addition to our approach described in section 4(C) regarding the design phase of this Contract, we will assist the City with staging and scheduling the work with respect to this project's specific site and time constraints. For both the 60% and 90% submittals, our staff will focus on maximizing constructability while recognizing the availability and suitability of materials, the capability of labor resources, and the standards of practice of the construction resources. We will assist with clearly defining utility work schedules as well as procedures for scheduling outages and the feasibility of utility interruptions (if needed); establishing the process of auditing the quality requirements, control measures, and how compliance will be recorded throughout the duration of construction activities; as well as determining appropriate construction durations and milestones. Finally, to enhance our constructability approach, our staff will participate in the technical or public workshops scheduled for this project in the next couple of months during both the 15% and 30% submittals to gather valuable input from stakeholders that can be incorporated into the plans prior to commencement of construction to avoid any conflicts or delays. Our goal will be to facilitate, assist, and coordinate work efforts while serving as a bridge between design and construction to ensure that the project always moves forward; and the MPO/FTA grant's deadline of December 31, 2019 is met.

Field Inspection: Once Notice to Proceed (NTP) is issued, we will verify all current project conditions prior to construction. At the pre-construction stage, we will photograph and videotape the area to document the existing conditions with special emphasis on potential claim items and public controversy. The AEG team understands the importance of assessing all existing conditions for this project. The same philosophy will be maintained throughout the duration of the project, retaining logs of pictures and videos electronically, which will be shared with the City's PM. We will make every attempt to resolve issues at the lowest level; and if there are any unforeseen conflicts onsite, our staff will be dedicated to resolve them, including issuing RFIs, so that these can be discussed with EOR in a timely manner to avoid any project delays. Our staff will maintain detailed accurate records of the Contractor's operations/significant events that affect the work, including monitoring of nighttime construction operations (if required).

FE and Project Closeout: As with field inspection, our FE package starts as soon as we receive our NTP. The keys to a successful FE are organization and management. As such, we will review the final production plans and will record completed work as the project progresses. Spreadsheets will be created to track project item completions, and electronic Quantity Books will be generated to record items field-measured; where daily quantities will be posted and referred to when each pay estimate is prepared. Each Quantity Book's sheet will contain at a minimum the pay item information, any quantity changes, daily quantity entries, scale information (for tonnage items only), and material inspection. Additionally, we will arrange meetings with the Contractor prior to the monthly cut-off to review the quantities and ensure that there is an agreement with the amount of work completed before submittal of payment, making sure that all required monthly estimate certifications are submitted accordingly, including lien waivers and schedule updates, prior to cutoff. We will also review as-built/record drawings monthly as a pre-requisite to the Contractor's payment application, and in conjunction with project close-out. We will provide to the City with a set of all digital records for the project within thirty (30) days of final acceptance. Our staff will review/document change orders requests for cost and entitlement, perform technical analysis, and provide written justification to City's PM including recommendation for action, which will include cost estimates and schedule impact analysis. AEG will also coordinate, obtain, and review project close-out documentation from the Contractor for submission to City's PM, including items such as change order summaries, as-built drawings, O&M manuals, warranties, and certifications.

Meetings: A pre-construction meeting, pre-activity meetings, and weekly progress meetings will be held to review the details of the work and reduce potential design-related delays during construction. We will establish project meetings schedules and coordinate inspection requirements; as well as clear lines of communication with the involved parties during key activities to identify key players and to assign responsibilities. We will prepare agendas and develop meeting minutes while acting as an extension of the City's project management staff.

Materials: AEG's team will work closely with the Contractor's QC personnel to ensure the certification of materials is done properly. Our staff will meet weekly to review upcoming items of work, required testing procedures, frequencies, and testing equipment. Our staff knows the necessary testing and material documentation processes; especially regarding the processing of QC plans, material certifications, Approved Product List (APL) requirements, asphalt lot package preparation and processing, density log book reviews, as well as monthly/final compliance with specifications and plans certification. We will create a material's log to track samples as well as field and

laboratory testing (if required) results, which will be used to perform Quality Assurance audits ensuring that the quality requirements meet the quality standards expected. If laboratory testing is indeed required, then we will provide such services as well as part of our scope of work to determine the acceptability of all materials and completed work items. Our goal is to obtain an early material acceptance to expedite project closeout.

Coordination: Immediately upon commencement of this project, and before if needed, our team will establish communications with the City's PIOs, utility agencies, the County, the DDA, FDOT, BCT/Tri-Rail/Sun Trolley, FEC/Brightline, adjacent projects (the Wave Streetcar), as well as any other governmental agencies/stakeholders affected/involved in this project. We will respond to any concerns that the parties may have and will schedule and participate in project start-up coordination meetings.

DBE/OJT/EEO: Our staff will administer Davis-Bacon Compliance on behalf of the City; including certification form preparation, verification of certified payroll DBRA compliance, interviews with contractor and subcontractors, fringe contributions, registrations and certifications, apprentice and trainee ratio, and construction site posters. Additionally, we will conduct and attend compliance meetings with the contractor (if necessary); and we will issue all correspondence regarding payroll violations, audit of subcontract agreements, notifications, etc. Finally, monthly reports such the Compliance Status Report, CUF Monthly Report, etc. will be provided to City to demonstrate to the FTA and the MPO compliance with the grant requirements received by the City.

Survey Control: Upon request of the City's PM, our surveyors will establish/check the project survey control baseline at appropriate intervals along the project to make/record measurements necessary to calculate, verify, and document contract pay item quantities.

Quality Assurance: As an additional effort to maintain quality and to support our field staff, our team's QA Officer will make unannounced site visits and will perform internal quality assessment and periodic MOT reviews; as well as reviews of some of our management, oversight, administration, and QC activities.

Safety: Compliance with the Trench Safety Act, for all excavations that exceed 5' in depth from the existing surface elevation, as well as all other provisions of the Florida State Bill CS/SB 2626 is mandatory. Our staff will ensure that the Contractor adheres to these provisions; and uses Personal Protective Equipment (PPE) as required for all Federal jobs, OSHA 29 CFR 1926, and the FDOT FY2017-18 Design Standard Index 600. Safety will be discussed during our weekly progress meetings to debate safe construction practices as well as any necessary enhancements that may be necessary to be implemented onsite. Safety is a must.

B. KNOWLEDGE AND EXPERIENCE WITH PROJECT DOCUMENTATION.

We will set up our filing system/project files covering all project documents/correspondence emulating the latest FDOT's Reference List (or the City's if available) to ensure that all documents are uploaded and archived under the correct document group/type, while following current procedures and quality control processes. Our staff will keep the City's PM well-informed of project activities by providing a weekly summary of activities and monthly progress reports identifying issues and time and money updates. Plans and field books will be kept up-to-date. Additionally, **Jesús** and **Liz** have extensive experience with e-document processing, which requires all project documents to be signed/submitted electronically. Also, spreadsheets are used for tracking documents such as Supplemental Agreements (SAs), Shop Drawings, Work Orders (WOs), RFIs, Sublet Agreements, and NOIs. Our documentation processes during the project streamlines the FE process simplifying project close-out. Additionally, our staff's long history of experience with this type of scope of work allows them to understand the importance of documenting all issues while following proper procedures; and their knowledge and proficiency with best management practices will be applied daily to provide to the City with comprehensive Final As-Built Plans and a FE Package.

C. OPTIMIZATION OF PROJECT SCHEDULE AND BUDGET.

Our team has developed a list of the construction items and stakeholder coordination issues to ensure they are included in the baseline schedule. We will review the schedule for these items and for realistic logic and work sequencing per the project's MOT phases. Monthly updates and two-week look-ahead reports will be monitored to ensure that target dates are met. We will check the progress of key coordination issues that may impact the critical path to take measures to avoid delays. If construction is not progressing as scheduled, we will require the Contractor to bring the project back on track. Any issues related to critical or delayed activities will be added to our weekly progress meetings' agenda to discuss and find prompt solutions. Additionally, our team will proactively work with the Contractor to minimize/eliminate rework and/or field issues that might delay the project schedule. We will ensure timely submittal of schedule updates, while looking for opportunities to eliminate unnecessary work.

D. APPROACH TO MANAGING THE CEI BUDGET.

AEG's approach to cost control is proactive and includes scheduling inspection staff in a way that minimizes overtime. We will review the Contractor's planned activities weekly to schedule inspection staff and stagger the time when possible. We will ramp-up/down as needed to cover the project activities and match their intensity. In addition, through our regular review of the project schedule and critical/key activities, we will work to keep the Contractor on track to minimize the lost time/delays that can extend the project duration and CEI contract time. If we identify

a condition that requires a CEI contract amendment, we will inform the City's PM; and follow up to ensure that the amendment is executed. We will monitor our budget monthly comparing actual charges versus the limiting amounts to ensure these are not exceeded. The invoices will be submitted monthly to the City's PM for approval and processing. The AEG team is committed to complete this project within the allowable CEI budget.

E. APPROACH TO CEI QUALITY CONTROL.

The AEG team will submit a QA/QC Plan within 30 days after we receive our NTP and adhere to it throughout the duration of the project. This plan will provide guidelines to ensure that our deliverables are provided in a quality manner. It will include measurable evaluation criteria based on applicable standards and procedures. We have developed and will use effective tools to collect and organize information from the beginning of the project, ensuring the project files are set up before the project starts; and that established guidelines are followed. We will ensure that our staff maintains the required certifications, and that they receive training pertinent to their duties, as needed. AEG has a policy of regular QA reviews to ensure compliance which will be provided to the City's PM to ensure that our performance is always of the City's satisfaction; and has designated **Germery Figueroa, P.E. (AEG)** as our QA/QC Officer for this project. **Germery** has over **10** years of experience in project administration and contract support as a Project Administrator for FDOT District 7, MDX, and FTE. She is knowledgeable in supervising construction with hands-on experience in resolving field issues and ensuring that construction meets the requirements of the plans, standards, and specifications. She also has experience performing Quality Assurance Reviews and performing Final Estimate close-out for FDOT, FTE, and MDX.

F. COMMUNICATION ABILITIES.

We know from experience that open communication and a partnering/team approach results in the best solutions. Communication through pre-activity and weekly progress meetings are an effective way to prevent/solve problems, and results in quality work from the Contractor. Our meetings will include City staff, agencies, the Contractor, the PIOs, and the utility companies. In addition, we make maximum use of the weekly progress meetings as a communication forum; and we will include affected stakeholders to discuss progress and any issues that may adversely impact or delay the project. Upcoming construction activities, RFI's, shop drawings, road closures, detours, and safety will be also discussed. For the day-to-day activities, our field and office staff are equipped with tablets and smartphones to log daily construction documentation, as well as to have references such as Contract Documents readily available to clarify work and resolve issues.

We are confident that our proposed team can offer the City the best combination of experience, expertise, and dedication required for the successful administration of this construction Contract. The personnel that we have assembled have significant and highly relevant project experience. We share the City's goals for quality construction with minimum adverse impacts to the community and motorists; while providing a safe work zone that meets the National Traffic Safety Vision "**Toward Zero Deaths**" and "**Vision Zero**" policies for the traveling public, construction workers, and staff. Our staff shares the City's vision to create a mobility hub for its neighbors that will bring improved public health, reduce fuel consumption, reduce demand for single occupancy motor vehicles, and increase public safety through the implementation of complete streets policies while ensuring a sensitive approach to the unique circumstances of these streets and the neighborhood of Flagler Village. We are the local team that understands the intent of this project; and we are ready to provide services for the management, contract administration, material sampling and testing, inspection, quality assurance, compliance verification, and other services deemed necessary to make this project a total success. We truly believe that we will continue to be an extension of the City; and we trust you will find that our credentials make us the CEI team the City needs for this project.

We thank you for this opportunity to present our team for your favorable evaluation.

Sincerely,



Ramón Arosemena, P.E.
President, American Engineering Group, Inc.



Solicitation 12135-986

Appendix A.1:

Firm Qualifications and Experience

April 30, 2018

AA American Engineering Group, inc.

wood.

HDR

SOLID
Consulting Engineers, Inc.

LONGITUDE
SURVEYORS

CAM #18-1170
Exhibit 5
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ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

5. NAME OF FIRM

6. TELEPHONE NUMBER

7. FAX NUMBER

8. E-MAIL ADDRESS

C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	PARTNER-SUBCONTRACTOR			
a.	☐	☐	☐	☐ CHECK IF BRANCH OFFICE		
b.	☐	☐	☐	☐ CHECK IF BRANCH OFFICE		
c.	☐	☐	☐	☐ CHECK IF BRANCH OFFICE		
d.	☐	☐	☐	☐ CHECK IF BRANCH OFFICE		
e.	☐	☐	☐	☐ CHECK IF BRANCH OFFICE		
f.	☐	☐	☐	☐ CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☐ (Attached)



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

June 19, 2017

Ramon Arosemena, President
AMERICAN ENGINEERING GROUP, INC.
8726 NW 26th Street, Suite 4
Doral, Florida 33172

Dear Mr. Arosemena:

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

- Group 10 - Construction Engineering Inspection
- 10.1 - Roadway Construction Engineering Inspection
10.3 - Construction Materials Inspection
10.4 - Minor Bridge & Miscellaneous Structures CEI

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2018 for contracting purposes.

	Field <u>Office</u>	Facilities Capital Cost <u>of Money</u>	Overtime <u>Premium</u>	<u>Direct Expense</u>
Indirect Cost	123.25%	0.094%	Excluded	16.76% (Field)*

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

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

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator



Florida Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

American Engineering Group, Inc.
7780 SW 66 ST.
MIAMI, FL 33143

Each licensee is solely responsible for notifying the Florida Board of Professional Engineers in writing the licensee's current address.

Name changes require legal documentation showing name change. An original, a certified copy, or a duplicate of an original or certified copy of a document which shows the legal name change will be accepted unless there is a question about the authenticity of the document raised on its face, or because the genuineness of the document is uncertain, or because of another matter related to the application.

At least 90 days prior to the expiration date shown on this license, a notice of renewal will be sent to your last known address. If you have not yet received your notice 60 days prior to the expiration date, please call (850) 521-0500, or write, Florida Board of Professional Engineers, 2639 North Monroe Street, Suite B-112, Tallahassee, FL 32303-5268 or e-mail: board@fbpe.org. Our website address is <http://www.fbpe.org>.

State of Florida

Board of Professional Engineers

Attests that

American Engineering Group, Inc.

Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2019

Audit No: 228201902258 R



CA Lic. No:

CAM #18-~~9126~~

Exhibit 5

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State of Florida

Department of State

I certify from the records of this office that AMERICAN ENGINEERING GROUP, INC. is a corporation organized under the laws of the State of Florida, filed on November 16, 2001.

The document number of this corporation is P01000110151.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 5, 2018, 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 Fifth day of January, 2018*



Ken DeFoner
Secretary of State

Tracking Number: CC3384928680

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

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

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

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

VALID OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

DBA:
Business Name: AMERICAN ENGINEERING GROUP INC

Receipt #: 315-272918
Business Type: ENGINEER (ENGINEER)

Owner Name: AMERICAN ENGINEERING GROUP INC
Business Location: 901 PROGRESSIVE DR #201
FT LAUDERDALE

Business Opened: 10/27/2015
State/County/Cert/Reg: 9123
Exemption Code:

Business Phone: 305-718-8859

Rooms

Seats

Employees
5

Machines

Professionals

For Vending Business Only						
Number of Machines:			Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	3.00	0.00	0.00	33.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT

WHEN VALIDATED

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

Mailing Address:

AMERICAN ENGINEERING GROUP INC
8726 NW 26 ST STE 4
DORAL, FL 33172

Receipt # 05A-17-00000450
Paid 10/23/2017 33.00

2017 - 2018



CITY OF FORT LAUDERDALE | BUSINESS TAX DIVISION
BUSINESS TAX YEAR 2017-2018

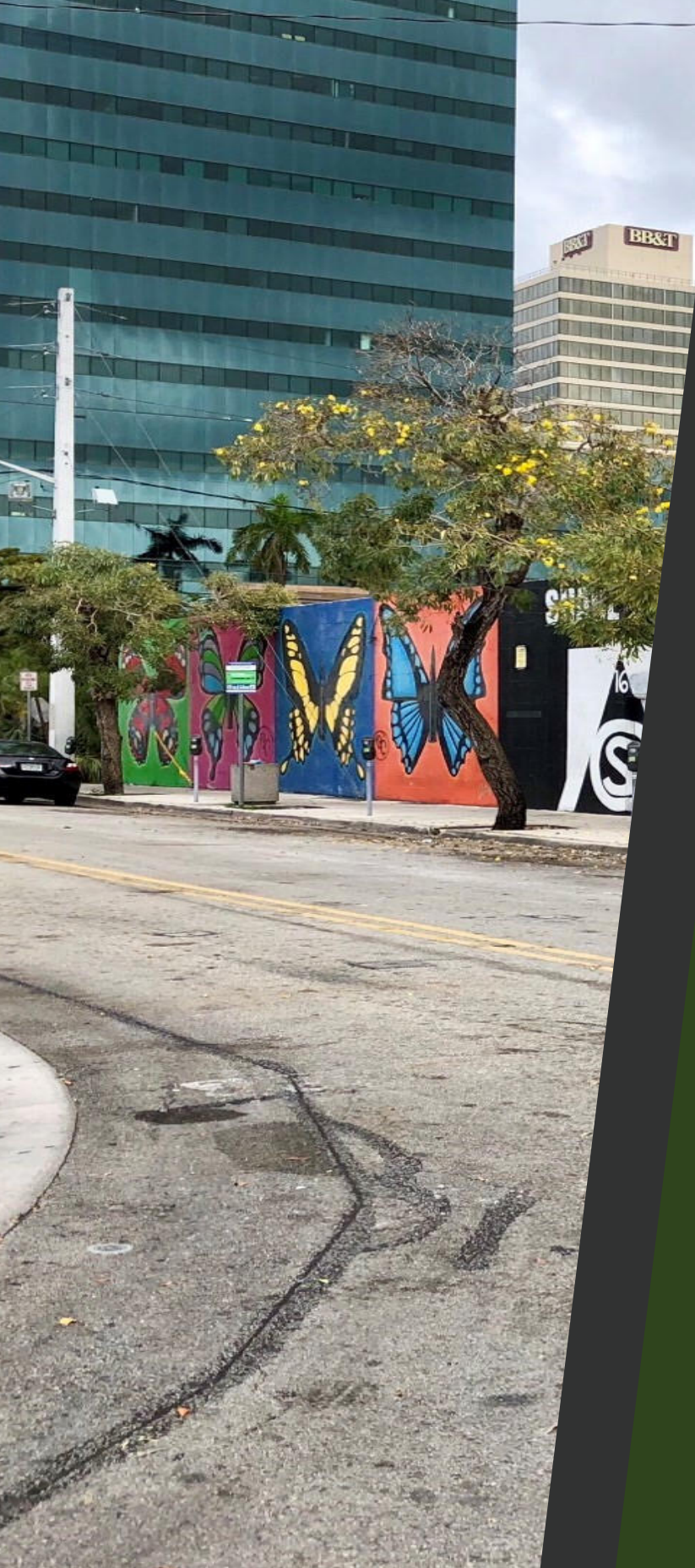


100 N. Andrews Avenue, 1ST Floor, Fort Lauderdale, Florida 33301
(954) 828-5195

Business ID: 1700205 Business Name: FUENTES, JESUS
Business Address: 901 PROGRESSO DR # 201
Tax Category: ENGINEER Tax#: 747778 Fee:

FUENTES, JESUS
AMERICAN ENGINEERING GROUP INC
901 PROGRESSO DR # 201
FORT LAUDERDALE, FL 33304

✂ ***DETACH AND POST THIS RECEIPT IN A CONSPICUOUS PLACE*** ✂



Solicitation 12135-986

Appendix A.2:

Other Qualification Documents

April 30, 2018



American Engineering Group, inc.

wood.



SOLID
Consulting Engineers, Inc.



CAM #18-1170
Exhibit 5
23 of 81

1. SOLICITATION NUMBER (If any)

ARCHITECT-ENGINEER QUALIFICATIONS

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

3. YEAR ESTABLISHED

2014

4. UNIQUE ENTITY IDENTIFIER

46-4593876

5. OWNERSHIP

a. TYPE

2c. CITY

2d. STATE

2e. ZIP CODE	
--------------	--

Miramar

FL

33029

6a. POINT OF CONTACT NAME AND TITLE

Osvaldo Larrazabal, PE / Principal

S Corporation

b. SMALL BUSINESS STATUS

FDOT, Miami Dade & Broward Cert SB

7. NAME OF FIRM (If Block 2a is a Branch Office)

6b. TELEPHONE NUMBER

786-255-2869

6c. E-MAIL ADDRESS

ossie@solidcei.com

8a. FORMER FIRM NAME(S) (If any)

8b. YEAR ESTABLISHED	
----------------------	--

8c. UNIQUE ENTITY IDENTIFIER

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE

04/13/2018

c. NAME AND TITLE

Oswaldo Larrazabal, Principal



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

June 19, 2017

Osvaldo Larrazabal, Owner
SOLID CONSULTING ENGINEERS, INC.
17991 SW 33rd Street
Miramar, Florida 33029

Dear Mr. Larrazabal:

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

- Group 10 - Construction Engineering Inspection
- 10.1 - Roadway Construction Engineering Inspection
10.3 - Construction Materials Inspection

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2018 for contracting purposes.

	Field <u>Office</u>	Facilities Capital Cost <u>of Money</u>	Overtime <u>Premium</u> Reimbursed	<u>Direct Expense</u>
Indirect Cost	121.27%	0.519%		12.20% (Field)*

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

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

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator



Florida Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Solid Consulting Engineers, Inc.
17991 SW 33RD STREET
MIRAMAR, FL 33029

Each licensee is solely responsible for notifying the Florida Board of Professional Engineers in writing the licensee's current address.

Name changes require legal documentation showing name change. An original, a certified copy, or a duplicate of an original or certified copy of a document which shows the legal name change will be accepted unless there is a question about the authenticity of the document raised on its face, or because the genuineness of the document is uncertain, or because of another matter related to the application.

At least 90 days prior to the expiration date shown on this license, a notice of renewal will be sent to your last known address. If you have not yet received your notice 60 days prior to the expiration date, please call (850) 521-0500, or write, Florida Board of Professional Engineers, 2639 North Monroe Street, Suite B-112, Tallahassee, FL 32303-5268 or e-mail: board@fbpe.org. Our website address is <http://www.fbpe.org>.

State of Florida

Board of Professional Engineers

Attests that
Solid Consulting Engineers, Inc.



Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2019

Audit No: 228201904705 R

CA Lic. No:

CAM #18-~~3070~~7

Exhibit 5

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

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

VALID OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

DBA:
Business Name: SOLID CONSULTING ENGINEERS INC

Receipt #: 327-278401
Business Type: BUSINESS/FINANCIAL/CONSULTANT
(ENGINEERING CONSULTING)

Owner Name: OSVALDO LARRAZABAL
Business Location: 17991 SW 33 ST
MIRAMAR
Business Phone: 7862552869

Business Opened: 01/17/2014
State/County/Cert/Reg:
Exemption Code:

Rooms

Seats

Employees

7

Machines

Professionals

		For Vending Business Only				
		Number of Machines:		Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
81.00	0.00	0.00	0.00	0.00	0.00	81.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT

WHEN VALIDATED

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

Mailing Address:

SOLID CONSULTING ENGINEERS INC
17991 SW 33 ST
MIRAMAR, FL 33029

Receipt # WWW-16-00145578
Paid 07/06/2017 81.00

2017 - 2018

CAM #18-1170
Exhibit 5
27 of 81

011621

Local Business Tax Receipt

Miami-Dade County, State of Florida

-THIS IS NOT A BILL - DO NOT PAY

LBT

7206051

BUSINESS NAME/LOCATION

SOLID CONSULTING ENGINEERS INC
6366 NW 99 AVE
DORAL FL 33178

RECEIPT NO.

**RENEWAL
7489224**

**EXPIRES
SEPTEMBER 30, 2018**

Must be displayed at place of business
Pursuant to County Code
Chapter 8A - Art. 9 & 10

OWNER

SOLID CONSULTING ENGINEERS INC
C/O OSVALDO LARRAZABAL PRES
Employee(s) 7

SEC. TYPE OF BUSINESS

212 P.A./CORP/PARTNERSHIP/FIRM
EB30607

**PAYMENT RECEIVED
BY TAX COLLECTOR**

\$45.00 07/06/2017
CREDITCARD-17-044008

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles - Miami-Dade Code Sec 8a-276.

For more information, visit www.miamidade.gov/taxcollector CAM #18-1170

Exhibit 5
28 of 81



City of Miramar

Business Tax Receipt

Issue Date: 10/01/2017

Expiration Date: 09/30/2018

Business ID

15000043

SOLID CONSULTING ENGINEERS, INC
OSVALDO LARRAZABAL
17991 SW 33RD ST
MIRAMAR, FL 33029

(954) 602-3040 or (954) 602-3061 Phone
(954) 602-3470 or (954) 602-4498 Fax
businessstax@miramarfl.gov

BUSINESS TAX RECEIPT

This is to certify that the person or firm named herein has paid into my hands minimum payment of tax as set out herein for the use and benefit of the City aforesaid, and is licensed to engage in the business of:

PROFESSION ENGINEERS 16647

Home-Based Restrictions Only

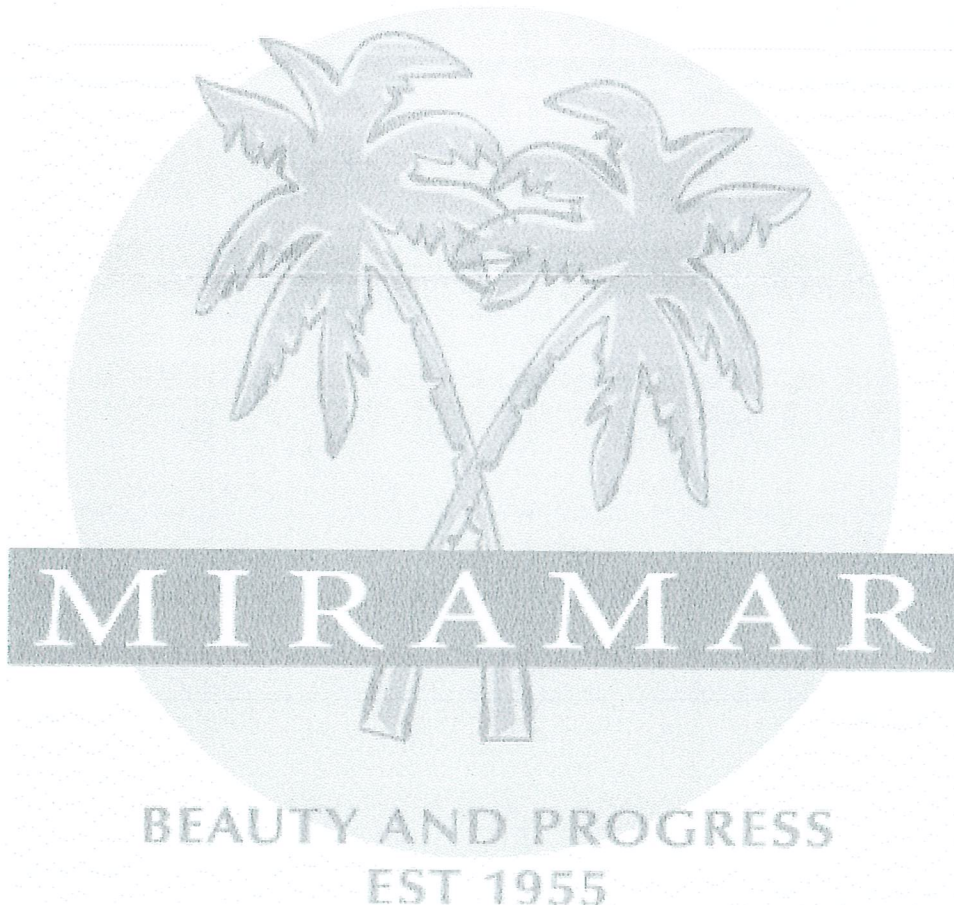
Mail & Phone Only
No Employees at Home
No Work on Premises
No Clients at Home
No Deliveries to Home
Office Only

Cottage-Based Restrictions

Cottage food businesses are allowed in accordance with Florida Statute 500.80, except that the home shall not be used for retail. Please see regulations title 21 part 101.
Only one employee allowed which includes family members residing at the home. No commercial vehicles parked overnight on the premises.

Business Location:

17991 SOUTHWEST 33RD STREET
MIRAMAR FL 33029-1630



This License is NOT Transferable
Your Business Tax Receipt Must be displayed.

CAM #18-1170
Exhibit 5
29 of 81

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

RFQ # 12135-986

PART II – GENERAL QUALIFICATIONS

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

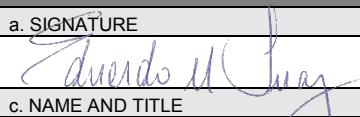
2a. FIRM (OR BRANCH OFFICE) NAME			3. YEAR ESTABLISHED	4. DUNS NUMBER
Longitude Surveyors, LLC			2001	18-200-3140
2b. STREET			5. OWNERSHIP	
7715 NW 48 Street, Suite 310			a. TYPE	
2c. CITY	2d. STATE	2e. ZIP CODE	Limited Liability Corporation	
Miami	Florida	33166	b. SMALL BUSINESS STATUS	
6a. POINT OF CONTACT NAME AND TITLE			Micro / SBE / ACDBE / DBE	
Eduardo M. Suarez, PSM – Principal in Charge			7. NAME OF FIRM (If block 2a is a branch office)	
6a. TELEPHONE NUMBER		6c. E-MAIL ADDRESS		
305.463.0912		esuarez@longitudefl.com		
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) FIRM	(2) BRANCH			
02	Administrative	5		T04	Topographic Surveying and Mapping	5
08	CADD Technician	4				
12	Computer Technician	3				
16	Drafters	5				
15	Field Crew Staff	23				
23	Senior Surveyor & Mapper	2				
34	Surveyor & Mapper	4				
	Other Employees					
	Total	46				

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
	April 17, 2018
c. NAME AND TITLE	
Eduardo M. Suarez, PSM – Principal in Charge	



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

July 27, 2017

Eduardo Suarez, President
LONGITUDE SURVEYORS, LLC
7715 NW 48th Street, Suite 310
Doral, Florida 33166

Dear Mr. Suarez:

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

- Group 8 - Survey and Mapping
- 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
 - 8.4 - Right of Way Mapping

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2018 for contracting purposes.

	Home/Branch <u>Office</u>	Filed <u>Office</u>	Facilities Capital Cost <u>of Money</u>	Overtime <u>Premium</u>	<u>Direct Expense</u>
Indirect Cost	189.46%	106.24%*	0.878%	Reimbursed	15.81% (Home)
Interim Rates					5.02% (Field)^

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

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

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator



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

License No.: **LB7335**
Expiration Date February 28, 2019

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

LONGITUDE SURVEYORS, LLC
7715 NW 48TH ST STE 310
DORAL, FL 33166-5473

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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



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

License No.: **LS6313**
Expiration Date February 28, 2019

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

EDUARDO M SUAREZ
7715 NW 48TH ST STE 310
DORAL, FL 33166-5473

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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

Local Business Tax Receipt

Miami-Dade County, State of Florida

- THIS IS NOT A BILL - DO NOT PAY

LBT

7077225

BUSINESS NAME/LOCATION
LONGITUDE SURVEYORS LLC
7715 NW 48 ST #310
DORAL, FL 33166

RECEIPT NO.
RENEWAL
5450259

EXPIRES
SEPTEMBER 30, 2018

Must be displayed at place of business
Pursuant to County Code
Chapter 8A - Art. 9 & 10

OWNER
LONGITUDE SURVEYORS LLC
C/O EDUARDO M SUAREZ MGR

SEC. TYPE OF BUSINESS
212 P.A./CORP/PARTNERSHI
P/FIRM

PAYMENT RECEIVED
BY TAX COLLECTOR
123.75 10/10/2017
CREDITCARD-18-001808

Employee(s) 25

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles - Miami-Dade Code Sec 8a-276.

For more information, visit www.miamidade.gov/taxcollector



Local Business Tax Receipt

Miami-Dade County, State of Florida

- THIS IS NOT A BILL - DO NOT PAY

LBT

5282587

BUSINESS NAME/LOCATION
SUAREZ EDUARDO MIGUEL LS
7715 NW 48 ST #310
DORAL, FL 33166

RECEIPT NO.
RENEWAL
5450267

EXPIRES
SEPTEMBER 30, 2018

Must be displayed at place of business
Pursuant to County Code
Chapter 8A - Art. 9 & 10

OWNER
SUAREZ EDUARDO MIGUEL LS
C/O LONGITUDE SURVEYORS LLC

SEC. TYPE OF BUSINESS
212 PROFESSIONAL
LS6313

PAYMENT RECEIVED
BY TAX COLLECTOR
66.00 10/10/2017
CREDITCARD-18-001809

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles - Miami-Dade Code Sec 8a-276.

For more information, visit www.miamidade.gov/taxcollector



ARCHITECT-ENGINEER QUALIFICATIONS				1. SOLICITATION NUMBER (If any)	
				RFQ 12135-986	
PART II – GENERAL QUALIFICATIONS (IF A FIRM HAS BRANCH OFFICES, COMPLETE FOR EACH SPECIFIC BRANCH OFFICE SEEKING WORK.)					
2a. FIRM (or branch office) NAME HDR				3. YEAR ESTABLISHED 2001	4. UNIQUE ENTITY IDENTIFIER 80-916-7898 (Engineering)
2b. STREET 3250 W Commercial Blvd Suite 100 & 300				5. OWNERSHIP a. TYPE Private Corporation	
2c. CITY Oakland Park	2d. STATE FL	2e. ZIP CODE 33309		b. SMALL BUSINESS STATUS Large Business	
6a. POINT OF CONTACT NAME AND TITLE Christine Kefauver, Area Manager				7. NAME OF FIRM (if block 2a is a branch office) The branch office identified in Block 2(a-e) includes personnel from one or more of our operating companies which are wholly owned subsidiaries of HDR, Inc. Collectively we bring resources of more than 9,000 multi-disciplinary professionals together as one seamless entity.	
6b. TELEPHONE NUMBER 407 420 4225	6c. E-MAIL ADDRESS Christine.Kefauver@hdrinc.com			8b. YR. ESTABLISHED 1985	
8a. FORMER FIRM NAME(S) (if any) Henningson, Durham & Richardson, Inc. 1951 Henningson Engineering Company, Inc. 1930 Henningson Engineering Company 1917				8c. UNIQUE ENTITY IDENTIFIER 06 866 8805	
9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS	
a. Function code	b. Discipline	c. No. of employees		a. Profile Code	b. Experience
		(1) Firm	(2) Branch		c. Revenue Index Number (see below)
02	Administrative	901	3	A04	Air Pollution Control
08	CADD Technician	634	4	A06	Airports; Terminals & Hangars; Freight Handling
12	Civil Engineer	523	4	B02	Bridges
15	Construction Inspector	340	13	C15	Construction Management
16	Construction Manager	163	4	D01	Dams; (Concrete; Arch)
39	Landscape Architect	39	2	D02	Dams; (Earth; Rock); Dikes; Levees
48	Project Manager	798	5	E09	Enviro. Impact Studies, Assessments, or Stmts
52	Sanitary Engineer	191	2	E12	Environmental Remediation
58	Technician/Analyst	1,789	7	H07	Highways: Streets; Airfield Paving; Parking Lots
60	Transportation Engineer	923	28	I01	Industrial Buildings; Manufacturing Plants
62	Water Resources Engineer	233	3	P06	Planning (Site, Installation, and Project)
992	Public Relations (Other)	480	2	P12	Power Generation, Transmission, Distribution
				R03	Railroad: Rapid Transit
				R11	Rivers: Canals; Waterways; Flood Control
				S04	Sewage Collection; Treatment and Disposal
				S07	Solid Wastes; Incineration; Landfill
				S10	Surveying; Platting; Mapping; Flood Plain Studies
				S13	Storm Water Handling & Facilities
				T02	Testing & Inspection Services
				T03	Traffic & Transportation Engineering
	Other Employees	2,984		W02	Water Resources; Hydrology; Ground Water
	Total	9,998	77	W03	Water Supply; Treatment and Distribution
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (insert revenue index number shown at right)				PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	7		1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million 6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater		
b. Non-Federal Work	10				
c. Total Work	10				
12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.					
a. SIGNATURE 				b. DATE 1/4/2018	
c. NAME AND TITLE Eric Keen, PE, CEO					

Authorized for Local Reproduction

STANDARD FORM 330 (REV. 8/2016) PAGE 6



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

June 19, 2017

Marc Silva, Area Manager
HDR CONSTRUCTION CONTROL CORPORATION
5426 Bay Center Drive, Suite 400
Tampa, Florida 33609

Dear Mr. Silva:

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

- Group 10 - Construction Engineering Inspection
- 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI
 - 10.5.1 - Major Bridge CEI - Concrete

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2018 for contracting purposes.

	Field <u>Office</u>	Facilities Capital Cost <u>of Money</u>	Overtime <u>Premium</u>	<u>Direct Expense</u>
Indirect Cost	124.81%	0.305%	Reimbursed	10.79% (Field)*

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

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

Sincerely,

Carliayn Kell
Professional Services
Qualification Administrator



Florida Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

HDR Construction Control Corp.
8404 INDIAN HILLS DR
OMAHA, NE 68114-4098

Each licensee is solely responsible for notifying the Florida Board of Professional Engineers in writing the licensee's current address.

Name changes require legal documentation showing name change. An original, a certified copy, or a duplicate of an original or certified copy of a document which shows the legal name change will be accepted unless there is a question about the authenticity of the document raised on its face, or because the genuineness of the document is uncertain, or because of another matter related to the application.

At least 90 days prior to the expiration date shown on this license, a notice of renewal will be sent to your last known address. If you have not yet received your notice 60 days prior to the expiration date, please call (850) 521-0500, or write, Florida Board of Professional Engineers, 2639 North Monroe Street, Suite B-112, Tallahassee, FL 32303-5268 or e-mail: board@fbpe.org. Our website address is <http://www.fbpe.org>.

State of Florida

Board of Professional Engineers

Attests that

HDR Construction Control Corp.



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2019

Audit No: 228201901825 R

CA Lic. No:

5974
CAM #18-1170

EXHIBIT 5
36 of 81

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

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

VALID OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

DBA:
Business Name: TIMOTHY FISH PE

Receipt #: 315-782
Business Type: ENGINEER (ENGINEERING FIRM)

Owner Name: HDR ENGINEERING INC
Business Location: 3250 W COMMERCIAL BLVD STE 100
FT LAUDERDALE
Business Phone: 954-647-4542

Business Opened: 10/01/2008
State/County/Cert/Reg: 55293
Exemption Code:

Rooms

Seats

Employees
15

Machines

Professionals

For Vending Business Only						
Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
45.00	4.50	0.00	0.00	0.00	0.00	49.50

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT

WHEN VALIDATED

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

Mailing Address:

HDR ENGINEERING INC
3250 W COMMERCIAL BLVD STE
100
FORT LAUDERDALE, FL 33309

Receipt # WWW-16-00156336
Paid 09/26/2017 4.50

2017 - 2018

BUSINESS TAX RECEIPT

CITY OF OAKLAND PARK

2017-2018

MAILING ADDRESS

ISSUED DATE:

October 25, 2017

**HDR ENGINEERING, INC
3250 W COMMERCIAL BLVD
STE 100 & 300
OAKLAND PARK, FL 33309**

NAME AND LOCATION OF LICENSEE

**HDR ENGINEERING, INC
3250 W COMMERCIAL BLVD
STE 100 & 300
OAKLAND PARK, FL 33309**

LICENSE NUMBER

2018001753

ORIGINAL NUMBER

2014003694

LICENSE EXPIRES

9/30/2018

THE PERSON OR FIRM NAMED ABOVE IS HEREBY LICENSED TO ENGAGE IN THE BUSINESS PROFESSION OR OCCUPATION LISTED BELOW IN THE CITY OF OAKLAND PARK FLORIDA.

BUSINESS CODE

15675

BUSINESS DESCRIPTION

CIVIL ENGINEERING COMPANY

RESTRICTIONS

LICENSE MUST BE CONSPICUOUSLY POSTED AT THE PLACE OF BUSINESS SHOWN

Jesus Fuentes

From: Jerla, Michelle <Michelle.Jerla@amecfw.com>
Sent: Wednesday, April 18, 2018 11:04 AM
To: Lopez, Criztol A
Subject: Name change info
Attachments: Nevada_Certificate_of_Amendment_Name_Change_2018.pdf

Disclaimer for licenses/certs:

Amec Foster Wheeler Environment & Infrastructure, Inc. recently changed its name to Wood Environment & Infrastructure Solutions, Inc. Our licenses and associated business documents are being changed into the new name but are not yet available. Our Certificate of Amendment to our Articles of Incorporation is attached as proof of the name change.

A description of who we are:

Wood Environment & Infrastructure Solutions, Inc. (formerly Amec Foster Wheeler Environment & Infrastructure, Inc.) is pleased to submit our qualifications for your consideration. Wood is a global leader in the delivery of project, engineering and technical services to energy and industrial markets. We operate in more than 60 countries, employing around 55,000 people, with revenues of around \$10 billion through several divisions including Wood Environment & Infrastructure Solutions, Inc. Wood Environment & Infrastructure Solutions, Inc. (Wood) is a diverse business, with around 6,000 people in about 175 offices. Our business locations reach from northern Canada to southern Chile and across the United Kingdom and Continental Europe. We provide a full range of services to clients in the government, power, industrial, mining, transportation, pharmaceutical, water, and oil & gas sectors.

On October 9, 2017, John Wood Group plc purchased Amec Foster Wheeler Environment & Infrastructure's parent company, Amec Foster Wheeler plc, thus creating a new global leader in engineering, construction, project management, and technical consultancy services. As a result of this acquisition, Amec Foster Wheeler Environment & Infrastructure, Inc. now is a subsidiary of Wood plc and has been renamed Wood Environment & Infrastructure Solutions, Inc. The result for clients of the legacy business is continuity of service with the same world-class organization, only with enhanced capabilities, additional technical service offerings, nearly doubled reach back capacity for technical expertise, and expanded geographical coverage.

In Florida, Wood employs nearly 400 people in offices located in every region of the state. We can draw on our experienced local managers and geographical reach to support the needs of clients, regardless of project size and complexity. Wood's depth of global resources allows us to provide our clients with innovative solutions engineered to fit perfectly with your business challenges. We have a strong reputation for balancing global excellence with local delivery.

Michelle Jerla

Senior Marketing Coordinator
Direct: +1 863 667 2345 ext. 2500
Mobile: +1 863 430 5769
www.woodplc.com





Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

June 27, 2017

James Horton, Senior Project Manager
AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE, INC.
6256 Greenland Road
Jacksonville, Florida 32258

Dear Mr. Horton:

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

- Group 2 - Project Development and Environmental (PD&E) Studies
- Group 3 - Highway Design - Roadway
 - 3.1 - Minor Highway Design
 - 3.2 - Major Highway Design
- Group 4 - Highway Design - Bridges
 - 4.1.1 - Miscellaneous Structures
 - 4.1.2 - Minor Bridge Design
 - 4.2.2 - Major Bridge Design - Steel
- Group 5 - Bridge Inspection
 - 5.1 - Conventional Bridge Inspection
 - 5.4 - Bridge Load Rating
- Group 7 - Traffic Operations Design
 - 7.1 - Signing, Pavement Marking and Channelization
- Group 8 - Survey and Mapping
 - 8.1 - Control Surveying
 - 8.2 - Design, Right of Way & Construction Surveying
 - 8.4 - Right of Way Mapping
- Group 9 - Soil Exploration, Material Testing and Foundations
 - 9.1 - Soil Exploration
 - 9.2 - Geotechnical Classification Laboratory Testing
 - 9.3 - Highway Materials Testing
 - 9.4.1 - Standard Foundation Studies
 - 9.4.2 - Non-Redundant Drilled Shaft Bridge Foundation Studies
 - 9.5 - Geotechnical Specialty Laboratory Testing

www.fdot.gov

- Group 10 - Construction Engineering Inspection
 - 10.1 - Roadway Construction Engineering Inspection
 - 10.3 - Construction Materials Inspection
 - 10.4 - Minor Bridge & Miscellaneous Structures CEI

- Group 13 - Planning
 - 13.6 - Land Planning/Engineering

Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2018 for contracting purposes.

	Home/Branch <u>Office</u>	Field <u>Office</u>	Overtime <u>Premium</u>	<u>Direct Expense</u>
Indirect Cost	145.57%	126.59%	Reimbursed	26.03% (Home) 23.49% (Field)*

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

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

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator



Florida Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Amec Foster Wheeler Environment & Infrastructure, Inc.
1105 LAKEWOOD PARKWAY
SUITE 300
ALPHARETTA, GA 30009

Each licensee is solely responsible for notifying the Florida Board of Professional Engineers in writing the licensee's current address.

Name changes require legal documentation showing name change. An original, a certified copy, or a duplicate of an original or certified copy of a document which shows the legal name change will be accepted unless there is a question about the authenticity of the document raised on its face, or because the genuineness of the document is uncertain, or because of another matter related to the application.

At least 90 days prior to the expiration date shown on this license, a notice of renewal will be sent to your last known address. If you have not yet received your notice 60 days prior to the expiration date, please call (850) 521-0500, or write, Florida Board of Professional Engineers, 2639 North Monroe Street, Suite B-112, Tallahassee, FL 32303-5268 or e-mail: board@fbpe.org. Our website address is <http://www.fbpe.org>.

State of Florida

Board of Professional Engineers

Attests that

Amec Foster Wheeler Environment & Infrastructure, Inc.

Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2019

Audit No: 228201902396 R



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

CA Lic. No:

CAM #18-1170

Exhibit 5

42 of 81

Local Business Tax Receipt

Miami-Dade County, State of Florida

-THIS IS NOT A BILL - DO NOT PAY

LBT

6925292

BUSINESS NAME/LOCATION

AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE INC
 5845 NW 158 ST
 MIAMI LAKES FL 33014

RECEIPT NO.

RENEWAL
686841

EXPIRES**SEPTEMBER 30, 2018**

Must be displayed at place of business
 Pursuant to County Code
 Chapter 8A - Art. 9 & 10

OWNER

AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE INC
 ATTN: BUSINESS TAX DEPT

SEC. TYPE OF BUSINESS

MINOR BUSINESS
 MINOR BUSINESS

**PAYMENT RECEIVED
BY TAX COLLECTOR**

\$60.00 09/15/2017
 ECHECK-17-192179

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles - Miami-Dade Code Sec 8a-276.

For more information, visit www.miamidade.gov/taxcollector

Local Business Tax Receipt

Miami-Dade County, State of Florida

-THIS IS NOT A BILL - DO NOT PAY

LBT

6925300

BUSINESS NAME/LOCATION

AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE
 5845 NW 158 ST
 MIAMI LAKES FL 33014

RECEIPT NO.

RENEWAL
5619037

EXPIRES**SEPTEMBER 30, 2018**

Must be displayed at place of business
 Pursuant to County Code
 Chapter 8A - Art. 9 & 10

OWNER

AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE
 ATTN: BUSINESS TAX DEPT
 Worker(s) 90

SEC. TYPE OF BUSINESS

GENERAL BUILDING CONTRACTOR
 CGC009594

**PAYMENT RECEIVED
BY TAX COLLECTOR**

\$285.00 09/15/2017
 ECHECK-17-192179

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles - Miami-Dade Code Sec 8a-276.

For more information, visit www.miamidade.gov/taxcollector



Amec Foster Wheeler Environment & Infrastructure, Inc.

This is to certify that this laboratory has been accredited for technical competence and found to meet the requirements for performing the test methods listed below for the inspection and testing of construction materials.

2580 Metrocentre Blvd, Ste 6
West Palm Beach, FL 33407
United States

Reinspection Due Date: 12/4/2018

Accreditation ID: 1004891

AASHTO R18

Aggregate

ASTM Methods: ASTM Specification C1077 - Aggregate, ASTM C117, ASTM C127, ASTM C128, ASTM C136, ASTM C702, ASTM Specification E329 - Aggregate

AASHTO Methods: AASHTO R76, AASHTO T11, AASHTO T27, AASHTO T84, AASHTO T85

Concrete

ASTM Methods: ASTM Specification C1077 - Concrete, ASTM C1064, ASTM C1231, ASTM C138, ASTM C143, ASTM C172, ASTM C173, ASTM C231, ASTM C31, ASTM C39, ASTM C42, ASTM C511, ASTM C617, ASTM C805, ASTM C939, ASTM Specification E329 - Concrete

AASHTO Methods: AASHTO M201, AASHTO R60, AASHTO T119, AASHTO T121, AASHTO T152, AASHTO T196, AASHTO T22, AASHTO T23, AASHTO T231, AASHTO T24, AASHTO T309

Masonry

ASTM Methods: ASTM C1019, ASTM C780 - Annex - A6

Soil

ASTM Methods: ASTM D1140, ASTM D1556, ASTM D1557, ASTM D1883, ASTM D2216, ASTM D2487, ASTM D2488, ASTM D421, ASTM D4318 (1), ASTM D4318 (2), ASTM D4944, ASTM D6938, ASTM D698, ASTM Specification D3740 - Soil, D7928

AASHTO Methods: AASHTO R58, AASHTO T180, AASHTO T191, AASHTO T193, AASHTO T217, AASHTO T265, AASHTO T267, AASHTO T310, AASHTO T88, AASHTO T89, AASHTO T90, AASHTO T99

State Methods: FM 5 515, FM 5 550

Accreditation Date: 1/13/2018

Expiration Date: 3/4/2019

David A. Savage

David A. Savage
Director of Accreditation

*The current scope of accreditation can be obtained by viewing the CMEC
Directory of Accredited Laboratories (www.cmec.org)*

Christopher J. Robinson

Christopher J. Robinson, P.E.
Executive Director



Solicitation 12135-986

Appendix B:

Organizational Profile and Project Team

April 30, 2018

AA American Engineering Group, inc.

wood.

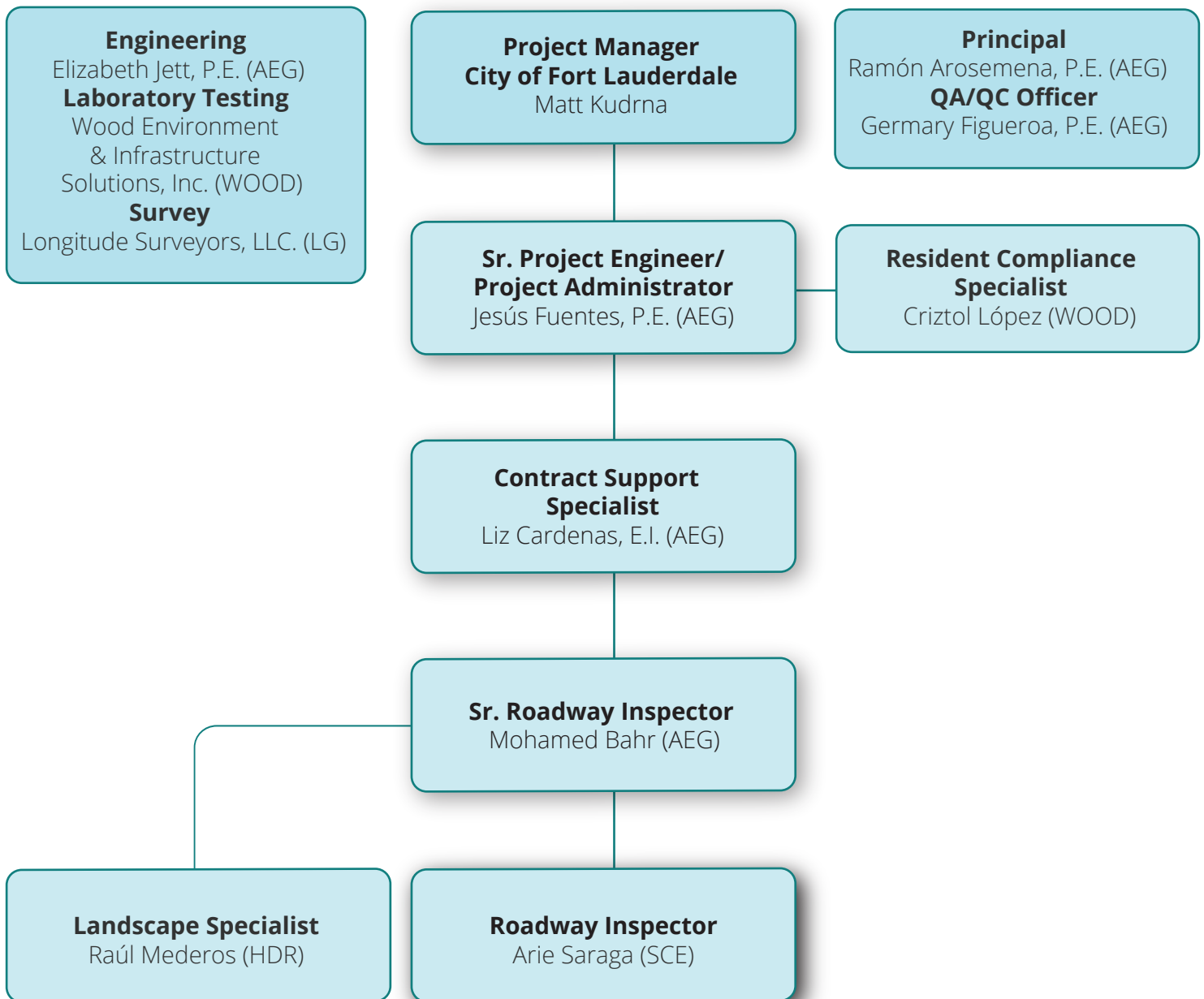
HDR

SOLID
Consulting Engineers, Inc.

LONGITUDE
SURVEYORS

CAM #18-1170
Exhibit 5
46 of 81

ORGANIZATIONAL CHART



STAFFING QUALIFICATIONS MATRIX

		Degree/Education	Years of Experience	QC Manager	Asphalt Paving 1	Asphalt Paving 2	Earthwork 1	Earthwork 2	Drilled Shaft	Pile Driving	Final Estimates 1	Final Estimates 2	FDOT Concrete Specs.	ACI Concrete Field Tech L 1	ACI Conrete Field Tech L2	Post-Tensioning L 1	Nuclear Gauge Safety	MOT Intermediate	MOT Advanced	SWPP	IMSA Level 1	Critical Structures	Radiation Safety Officer	MSE Wall Installation Insp.	Auger Cast Pile Inspection	ISA Certified Arborist	Certificate in Horticulture	LIAF	FNGLA
Name	Position																												
Jesús Fuentes, P.E.	SPE/PA	BSCE	13	x	x	x	x	x			x	x					x		x	x		x	x	x	x				
Liz Cardenas, E.I.	CSS	BSCE	15		x	x	x	x	x		x	x					x		x	x		x		x	x				
Mohamed Bahr	SRI	BSCE	25		x	x	x	x	x	x	x	x	x	x	x		x		x	x		x	x						
Arie Saraga	RI	BSCE	4		x		x		x		x		x	x			x	x		x		x							
Raúl Mederos, ISA	LI		15																x							x	x	x	x

PREVIOUS PROJECTS WITH SIMILAR SCOPE OF WORK

Previous Projects	Sidewalk	Utility Work	Signage & Striping	Public Outreach	City/County Involvement	Mass Transit	Landscaping	Asphalt	Lighting	RR Crossing
Old Dixie Hwy	X	X	X	X	X		X	X	X	
SR-823	X	X	X	X	X			X		
Central Blvd at MIA	X	X	X	X	X	X	X	X	X	X
Safe Routes to School			X	X	X					
SR-808	X	X	X	X		X		X		
Andrews Ave		X	X	X		X	X	X	X	X

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
16. EDUCATION <i>(Degree and Specialization)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
16. EDUCATION <i>(Degree and Specialization)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		☐ Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		☐ Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		☐ Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		☐ Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		☐ Check if project performed with current firm	

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM

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

16. EDUCATION *(Degree and Specialization)*

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

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

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	

b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	

c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	

d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	

e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
16. EDUCATION <i>(Degree and Specialization)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		☐ Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		☐ Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		☐ Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		☐ Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		☐ Check if project performed with current firm	

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Arie Saraga	CEI Inspector	a. TOTAL 4	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION <i>(City and State)</i> Solid Consulting Engineers, Inc. Miramar, FL			
16. EDUCATION <i>(Degree and Specialization)</i> Masters of Science in Civil Engineering Structural and Construction Management. - FIU, Miami, FL 2005 B.S. in Civil Engineering - Pontificia Universidad Javeriana, Bogotá, Colombia 1994		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Earthwork Construction Inspection - Level 1 & Level 2 , Asphalt Paving Level 1, Final Estimates Level 1, MOT Intermediate Level 1. Spanish, Hebrew			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> FDOT D4 Old Dixie Highway reconstruction from NE 13th Street to the bridge over the Middle River in Broward County, FL.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE a. The improvements include reducing the width of the travel lanes and modifying shoulders to add 4-foot bike lanes in both directions, constructing sidewalk, drainage improvements, adding roundabout at NE 16th Court, permanently reducing speed limit to 25 MPH, installation of pedestrian lighting. Arie serves as a CEI inspector performing MOT inspections, earthwork, concrete and drainage inspections, utility relocation monitoring as well as ADA compliance checks.		
☒ Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> FIN # 249615-5-52-01/T-6395/SR 997 /Krome Ave North #5; from MP 10.935 to SR 25/US 27/Okeechobee Road in Miami-Dade County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE b. The list of activities includes: Reconstructing roadway and shoulders, demolition and removal of 2 existing bridges over C-6 Canal and posterior construction of two 150' single span bridges over C-6 Canal, installing guardrail, installing new drainage system and installing new lighting, new stripping and new signalization. Arie serves as a CEI inspector aide, helping in the supervision of earthwork construction as well as drainage operations, guardrail construction and MOT insp.		
☒ Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> FIN # 436313-1-52-01 Okeechobee Road (NW 186 ST to S. of NW 170 SW 170 ST) Miami-Dade County, FL	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE c. A \$250K contract for shoulder widening from 3' to 12' at a high super-elevation transition with an 850' arc curve that includes milling, embankment, new sub-base, base, structural asphalt, guardrail, new stripping, as well as new signage. Arie was in charge of documenting and inspecting the prime and sub-contractor operations as well as sampling and testing all materials and reporting daily activities. He also documented ongoing construction quantities for estimates.		
☒ Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> 4G highway system in Colombia, Ruta del Sol route 3 from San Roque to Cienaga.Colombia.	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE d. Part of an 18 mile corridor of divided 4 lane highway system with 4 - 120 ft double span concrete bridges. Responsible for overseeing contractors and sub's operations for earthwork movement, embankment construction, base and sub-base, asphalt placement, light installation, guardrail and landscape finishing as well as 2 of the 4 bridges construction. Projects were completed within budget and schedule, in compliance with design documents.		
☐ Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE e.		
☐ Check if project performed with current firm		

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
15. FIRM NAME AND LOCATION <i>(City and State)</i>			
16. EDUCATION <i>(Degree and Specialization)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	☐ Check if project performed with current firm	

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM

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

16. EDUCATION *(Degree and Specialization)*

17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*

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

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ☐ Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ☐ Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ☐ Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ☐ Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ☐ Check if project performed with current firm		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER		
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border: none;">CONSTRUCTION <i>(If applicable)</i></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>				

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER		
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border: none;">CONSTRUCTION <i>(If applicable)</i></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
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a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>				

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER		
21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border: none;">CONSTRUCTION <i>(If applicable)</i></td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>			
23. PROJECT OWNER'S INFORMATION				
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER		
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>				

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
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		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
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		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
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		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1		6	
2		7	
3		8	
4		9	
5		10	

H. ADDITIONAL INFORMATION

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

Please refer to Appendices listed below for any other information or documents requested or related to our team's proposal (certifications, business tax receipt, licenses, etc).

A.1: FIRM QUALIFICATIONS AND EXPERIENCE

A.2: OTHER QUALIFICATION DOCUMENTS

B: ORGANIZATIONAL PROFILE AND PROJECT TEAM

C: DISADVANTAGED BUSINESS ENTERPRISE/SMALL BUSINESS ENTERPRISE (SBE) PARTICIPATION

D: REQUIRED FORMS

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

04/30/18

33. NAME AND TITLE

Ramón Arosemena, P.E./President



Solicitation 12135-986

Appendix C:

Disadvantaged Business Enterprise (DBE) /Small Business Enterprise (SBE) Participation



American Engineering Group, inc.

wood.



SOLID
Consulting Engineers, Inc.



CAM #18-1170
Exhibit 5
61 of 81

ANTICIPATED DBE PARTICIPATION STATEMENT

The City of Fort Lauderdale and BMPO are required to track and report DBE contracting activities and payments to the FTA. Offerors shall complete and submit the Anticipated DBE Participation Statement. Bidders/offerors are required to document sufficient DBE participation to meet these goals or, alternatively, document adequate good faith efforts to do so, as provided for in 49 CFR 26.53.

Contract/Advertisement No.:	12135-986	Prime Consultant:	American Engineering Group, Inc
Project Description:	CEI Services for Downtown Mobility Hub		

Expected percentage of contract fees to be utilized by DBE(s): 65 %. (Combine DBE Prime and DBE subconsultants, if applicable).

Expected percentage of contract fees to be utilized by Non-DBE Small Businesses 24 %. (Combine Non-DBE Small Business Prime and Non-DBE Small Business subconsultants, if applicable).

The proposed Prime and subconsultants/subvendors are as follows:

Prime (If applicable)	Type of Work	Percentage	DBE	Non-DBE	Small Business
American Engineering Group, Inc.	Lead CEI services & QA	63%	☒	☐	☒
		%	☐	☐	☐
		%	☐	☐	☐
		%	☐	☐	☐
		%	☐	☐	☐
		%	☐	☐	☐
		%	☐	☐	☐
		%	☐	☐	☐
Subconsultant/Subvendor (If applicable)	Type of Work	Percentage			
Solid Consulting Engineers, Inc	CEI services (roadway inspection)	24%	☐	☒	☒
Longitude Surveyors, LLC	Survey services	2%	☒	☐	☒
		%	☐	☐	☐
		%	☐	☐	☐
		%	☐	☐	☐
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		%	☐	☐	☐
		%	☐	☐	☐

The names, addresses, and certifications of DBE firms that will participate in this contract are listed above and attached as follow as part of this proposal. A description of the work each DBE firm will perform is listed above and as well in the SF 330 Form Part I – Contract Specific Qualifications, Section C - Proposed Team. Written documentation of the bidder/offeror's commitment to use a DBE firm whose participation it submits to meet the contract goal; and written confirmation from the DBE firm that it is participating in the contract as provided in the prime Consultant's commitment will be presented prior to Contract award

By: Ramon Arosemena, P.E

Title: President

Date: 4/30/2018

Florida UCP DBE Directory

Number of Records Returned: 1

Selection Criteria:

Vendor : AMERICAN ENGINEERING GROUP INC

Vendor Name: [AMERICAN ENGINEERING GROUP INC](#)

DBE Certification: CERTIFIED

DBA:

Business Description: ENGINEERING SERVICES

MBE Certification:

Former Name:

Mailing AddressJ: 8726 NW 26TH STREET SUITE 4
DORAL, FL 33172-

Contact Name: RAMON L AROSEMENA

Phone: (786) 256-1547

Fax: (305) 595-7033

Email: RAROSEMENA@AMERICANENGGROUP.COM

ACDBE Status: N

Statewide Availability: N

Certified NAICS

541330 Engineering Services

Vendor Information

CLOSE WINDOW

[Print](#)**Business & Contact Information**

Business Name **AMERICAN ENGINEERING GROUP, INC.**

Owner **Ramon L. Arosemena**

Address **8726 NW 26 St**
 > [Map This Address](#) **#4**
Doral, FL 33172

Phone **305-718-8859**

Fax **305-595-7033**

Email rarosemena@americanenggroup.com

Certification Information

Certifying Agency **Miami-Dade County**

Certification Type **SBE - G&S - Small Business Enterprise - Goods & Services**

Certified Business Description **"Type of Business: Subcontractor, Vendor**
License:
STATE CA9123 NAICS 541330 Engineering Services STATE OF
FLORIDA FIRM 28-FEB-19
OCCUPATIONAL 4966447 NAICS 541330 Engineering Services
MIAMI-DADE FIRM 30-SEP-17
STATE PE54914 NAICS 541330 Engineering Services FLORIDA
RAMON L. AROSEMENA 28-FEB-19
OCCUPATIONAL 4966470 NAICS 541330 Engineering Services
MIAMI-DADE RAMON AROSEMENA 30-SEP-17"

Commodity Codes

Code	Description
NIGP 91842	Engineering Consulting (Inactive, please see commodity code 907-40 effective January 1, 2016)

Additional Information

Tier **Goods & Services - Tier 3 \$2,000,001 - \$5 Million**

Vendor Information

CLOSE WINDOW

[Print](#)**Business & Contact Information**

Business Name **AMERICAN ENGINEERING GROUP, INC.**

Owner **Ramon L. Arosemena**

Address **8726 NW 26 St**
 > [Map This Address](#) **#4**
Doral, FL 33172

Phone **305-718-8859**

Fax **305-595-7033**

Email rarosemena@americanenggroup.com

Certification Information

Certifying Agency **Miami-Dade County**

Certification Type **SBE - A&E - Small Business Enterprise - Architectural & Engineering**

Certified Business Description **"Type of Business: Subcontractor, Vendor
 License:
 STATE CA9123 NAICS 541330 Engineering Services STATE OF FLORIDA FIRM 28-FEB-19
 OCCUPATIONAL 4966447 NAICS 541330 Engineering Services MIAMI-DADE FIRM 30-SEP-17
 STATE PE54914 NAICS 541330 Engineering Services FLORIDA RAMON L. AROSEMENA 28-FEB-19
 OCCUPATIONAL 4966470 NAICS 541330 Engineering Services MIAMI-DADE RAMON AROSEMENA 30-SEP-17"**

Commodity Codes

Code	Description
MDC-TCC 11	GENERAL STRUCTURAL ENGINEERING
MDC-TCC 16	GENERAL CIVIL ENGINEERING
MDC-TCC 17	ENGINEERING CONSTRUCTION MANAGEMENT
NAICS 541330	Engineering services

Additional Information

Tier **A&E - Tier 3: 3 Yr. AGR \$500,001 up to \$6,000,000
 (Landscaping/Engineering/Surveying/Mapping)**



PROCUREMENT OFFICE

Prequalified Small Businesses Report

Updated on: 16APR2018

Note: This Small Business listing provides a list of firms that meet the definition of a small business per section 337.027, F.S. and have completed the Small Business Affidavit form No. 275-000-03 (Small Business Affidavit for Prequalified Professional Services Firms). It is provided for informational purposes and is not intended to constitute an all-inclusive list of small businesses. The Department takes no responsibility for the information certified by firms in the Small Business Affidavit Form. Small business firms included on this list are required to annually submit a new Small Business Affidavit to remain active on the Small Business List.

Technical Qual. & Unlim. Audit Small Businesses Qualified in Work Type: 10.1				
Consultant Name	Mailing Address	Contact Person	Position / Title	Telephone No.
A.D.A. ENGINEERING, INC.	8550 NW 33RD ST, STE 202 DORAL, FL 33122	MS. IVETTE ARGUDIN	EXECUTIVE VICE PRESIDENT	(305)551- 4608
Prequalified Types of Work: 3.1 3.2 3.3 7.1 7.2 7.3 10.1 10.3 13.6				
AE ENGINEERING, INC.	6440 SOUTHPOINT PKWY, STE 300 JACKSONVILLE, FL 32216	MR. ALEJANDRO ECHEVERRIA	PRESIDENT	(904)759- 3748
Prequalified Types of Work: 3.1 10.1 10.4				
ALDAY-HOWELL ENGINEERING, INC.	3017 HWY 71 N MARIANNA, FL 32446	MR. TRAVIS HOWELL	VICE PRESIDENT	(850)526- 2040
Prequalified Types of Work: 3.1 3.2 7.1 10.1 13.6 13.7				
AMERICAN ENGINEERING GROUP, INC.	8726 NW 26TH ST, STE 4 DORAL, FL 33172	MR. RAMON AROSEMENA	PRESIDENT	(786)256- 1547
Prequalified Types of Work: 10.1 10.3 10.4				
A2 GROUP, INC.	PO BOX 432310 MIAMI, FL 33243- 2310	MR. ALBERTO RIBAS	PRESIDENT	(305)668- 8939
Prequalified Types of Work: 3.1 6.3.2 10.1 10.3 10.4 10.5.1 10.5.2 15.0				
BASLEE ENGINEERING SOLUTIONS (BES), INC. D/B/A BES INC.	8304 TORRINGTON AVE TAMPA, FL 33647	MR. DILIP MUNDKUR	PRESIDENT	(813)985- 7800
Prequalified Types of Work: 3.1 3.2 3.3 6.1 6.2 6.3.1 6.3.2 6.3.3 7.1 7.2 7.3 10.1 13.5 13.6 13.7				
BMA CONSULTING	18503 PINES BLVD,	MS. LUCY	PRESIDENT	(954)744-

CAM #18-1170

Exhibit 5

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Solid Consulting Engineers, Inc.

17991 SW 33rd Street Miramar, FL 33029

County: Broward

Contact: Osvaldo Larrazabal

Phone: 786-255-2869

Fax:

E-mail: ossie@solidcei.com

Web site: <http://www.solidcei.com>

Ethnicity: Hispanic

Certification(s): CBE SBE

Type: Architecture & Engineering

Specialties:

Civil Engineer

Engineering Consultant

Mailing Address:

17991 SW 33rd Street

Miramar, FL 33029

Broward County Vendor: Yes

Vendor Number:

File Number:

Description:



Governmental Center Annex

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

Office of Economic and Small Business Development

This Certificate is Awarded to:

SOLID CONSULTING ENGINEERS, INC.

As set forth in the Broward County Business
Opportunity Act of 2012, the certification requirements
have been met for:

**County Business Enterprise (CBE)
Small Business Enterprise (SBE)
Anniversary Date: August 3rd**

A handwritten signature in blue ink, appearing to read "SUCS", is written over a horizontal line.

Authorized Representative

The Office of Economic and Small Business Development must be notified within 30 days of any material changes in the business which may affect ownership and control.
Failure to do so may result in the revocation of this certificate and/or imposition of other sanctions.

A Service of the Broward County Board of County Commissioners
www.broward.org/smallbusiness



PROCUREMENT OFFICE
Non-DBE Small Businesses Report
 Updated on: 02MAR2018

Note: This Small Business listing provides a list of firms that meet the definition of a small business per section 337.027, F.S. and have completed the Small Business Affidavit form No. 275-000-03 (Small Business Affidavit for Prequalified Professional Services Firms). It is provided for informational purposes and is not intended to constitute an all-inclusive list of small businesses. The Department takes no responsibility for the information certified by firms in the Small Business Affidavit Form. Small business firms included on this list are required to annually submit a new Small Business Affidavit to remain active on the Small Business List.

Technical Qual. & Unlim. Audit Non-DBE Small Businesses Qualified in Work Type: 10.1				
Consultant Name	Mailing Address	Contact Person	Position / Title	Telephone No.
ALDAY-HOWELL ENGINEERING, INC.	3017 HWY 71 N MARIANNA, FL 32446	MR. TRAVIS HOWELL	VICE PRESIDENT	(850)526- 2040
Prequalified Types of Work: 3.1 3.2 7.1 10.1 13.6 13.7				
CAPTEC ENGINEERING, INC.	301 NW FLAGLER AVE, STE 201 STUART, FL 34994	MS. JOSEPH CAPRA	PRESIDENT	(772)692- 4344
Prequalified Types of Work: 3.1 7.1 7.3 10.1 13.6				
CETERIS, INC.	2902 MADISON ST MARIANNA, FL 32446	MR. JAMES SMITH	PRESIDENT	(850)372- 4126
Prequalified Types of Work: 3.1 7.1 10.1 13.4 13.7				
CIVILSURV DESIGN GROUP, INC.	2525 DRANE FIELD RD, STE 7 LAKE LAND, FL 33811	MS. JOHN BREED	PRESIDENT	(863)646- 4771
Prequalified Types of Work: 3.1 3.2 6.1 6.2 7.1 7.2 7.3 8.1 8.2 8.4 10.1 10.3 13.6				
C2S ENGINEERING, LLC	12512 W ATLANTIC BLVD CORAL SPRINGS, FL 33071	MR. NATHAN OPPE	BUSINESS ADMINISTRATOR	(954)317- 1703
Prequalified Types of Work: 3.1 6.2 6.3.1 6.3.2 6.3.4 7.3 10.1 13.4 13.5 13.6				
DAVID H. MELVIN, INC.	4428 LAFAYETTE ST, PO BOX 840 MARIANNA, FL 32447	MR. LEON NOBLES	VICE PRESIDENT	(850)482- 3045
Prequalified Types of Work: 2.0 3.1 3.2 4.1.1 6.1 6.2 7.1 7.3 10.1 10.3 13.5 13.6 15.0				
DAVID PLUMMER & ASSOCIATES, INC	1750 PONCE DE LEON BLVD CORAL GABLES, FL 33134	MR. TIMOTHY PLUMMER	PRESIDENT	(305)447- 0900
Prequalified Types of Work: 3.1 3.2 3.3 6.1 7.1 7.2 7.3 10.1 13.4 13.5 13.6 13.7				

CAM #18-1170

FRED WILSON & ASSOCIATES, INC.	3970 HENDRICKS AVE JACKSONVILLE, FL 32207-5398	MR. FRANK WILSON II	PRESIDENT	(904)398-8636
Prequalified Types of Work: 3.1 3.2 3.3 7.1 7.2 7.3 10.1				
GORTMOLLER ENGINEERING, INC.	708 THOMAS DR PANAMA CITY BEACH, FL 32408	MR. DEXTER GORTMOLLER	PRESIDENT	(850)249-2425
Prequalified Types of Work: 3.1 3.2 7.1 7.2 7.3 10.1 10.3 13.6				
JOHNSON-ADAMS & ASSOCIATES, LLC	607 S ALEXANDER ST, STE 206 PLANT CITY, FL 33563	MS. CATHERINE ADAMS	MANAGING MEMBER	(813)704-6818
Prequalified Types of Work: 10.1 10.3 10.4 10.5.1				
NEWKIRK ENGINEERING, INC.	1370 N US HWY 1, STE 204 ORMOND BEACH, FL 32174	MR. HARRY NEWKIRK	CEO, PE	(386)290-7599
Prequalified Types of Work: 3.1 7.1 10.1 15.0				
NORTH FLORIDA PROFESSIONAL SERVICES, INC.	PO BOX 3823 LAKE CITY, FL 32056	MR. GREGORY BAILEY	PRESIDENT	(386)752-4675
Prequalified Types of Work: 3.1 3.2 3.3 7.1 7.3 10.1 13.5 13.6				
OZMATIC, INC.	1515 AFRICAN VIOLET CT TRINITY, FL 34655	MS. PAMELA DELNEGRO	PRESIDENT	(727)224-9265
Prequalified Types of Work: 10.1 10.3				
PONTIFEX CONSULTING ENGINEERS, INC.	8720 SW 83RD ST MIAMI, FL 33173	MR. LUIS RODRIGUEZ	PRESIDENT & CEO	(305)218-9425
Prequalified Types of Work: 10.1				
SOLID CONSULTING ENGINEERS, INC.	17991 SW 33RD ST MIRAMAR, FL 33029	MR. OSVALDO LARRAZABAL	OWNER	(786)255-2869
Prequalified Types of Work: 10.1 10.3				
STONE ENGINEERING GROUP, INC.	7400 BAYMEADOWS WAY, STE 220 JACKSONVILLE, FL 32256	MR. GARY SNEDDON	PRESIDENT	(904)448-5300
Prequalified Types of Work: 3.1 3.2 6.1 7.1 7.3 10.1				
TECTONIC GROUP INTERNATIONAL, LLC	PO BOX 822606 PEMBROKE PINES, FL 33082	MR. RAO SHAMS	PRESIDENT	(954)290-2056
Prequalified Types of Work: 10.1 14.0				

[Print Report](#)
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[Reports Menu](#)
[Procurement Home Page](#)

This request took 2.33 seconds of real time (v9.3 build 1496).

Florida UCP DBE Directory

Number of Records Returned: 1

Selection Criteria:

Vendor : LONGITUDE SURVEYORS, LLC

Vendor Name: [LONGITUDE SURVEYORS, LLC](#)

DBE Certification: CERTIFIED

MBE Certification:

DBA:

Former Name:

Business Description: LAND SURVEYING & MAPPING SERVICES

Mailing AddressJ: 7715 NW 48TH STREET # 310
DORAL, FL 33166-

Contact Name: EDUARDO M SUAREZ

Phone: (305) 463-0912

Fax: (305) 513-5680

Email: ESUAREZ@LONGITUDEFL.COM

ACDBE Status: Y

Statewide Availability: N

Certified NAICS

541370 Surveying and Mapping (except Geophysical) Services



**Internal Services Department
Small Business Development**

111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111 F 305-375-3160

November 24, 2015

CERT NO: 15159

Mr. Eduardo M. Suarez
LONGITUDE SURVEYORS, LLC
7715 NW 48 St 310
Doral, FL 33166-0000

Approval Date: 11/23/2015 - MICRO/SBE

Expiration Date: 11/30/2018

Dear Mr. Suarez:

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD) has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Micro/Small Business Enterprise (MICRO/SBE) in accordance with section 2-8.1.1.1.1 of the code of Miami-Dade County.

This (MICRO/SBE) certification is valid for three years provided that you submit a "Continuing Eligibility Affidavit" on or before your **anniversary date** of (November 23) for the first and second year of the three year period. The affidavit must indicate any changes or no changes in your firm pertinent to your certification eligibility. The submittal of a "Continuing Eligibility Affidavit" **annually** with specific supporting documents on or before your Anniversary Date is required to maintain the three year certification. You will be notified of this responsibility in advance of the Anniversary Date. Failure to comply with the said responsibilities may result in immediate action to decertify the firm.

If at any time there is a material change in the firm including, but not limited to, ownership, officers, director, scope of work being performed, daily operations, affiliation(s) with other businesses or the physical location of the firm, you must notify this office in writing within (30) days. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. **This letter will be the only approval notification issued for the duration of your firm's three years certification. If the firm attains graduation or becomes ineligible during the three year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the code.**

Your company is certified in the categories as listed below affording you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

Please note that the categories listed are very general and are used only to assist our customers in searching the directory for certified firms to meet contract goals. You can find the firm's up-to-date certification profile as well as all other certified firms on the Miami-Dade County Internal Services Department, Small Business Development Certified Firms' Directory at the website <http://www.miamidade.gov/smallbusiness/certification-programs.asp>.

Thank you for your interest in doing business with Miami-Dade County.

Sincerely,

Claudious Thompson, SBD Section Chief
Small Business Development Division

Mr. Eduardo M. Suarez
LONGITUDE SURVEYORS, LLC
Cert No: 15159
November 24, 2015
Page 2

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)

918 - CONSULTING SERVICES (MICRO/SBE)
91800 - CONSULTING SERVICES (MICRO/SBE)
964 - PERSONNEL, TEMPORARY (EMPLOYMENT AGENCY SERVICES) (MICRO/SBE)
96460 - LAND SURVEYING (MICRO/SBE)
968 - PUBLIC WORKS, CONSTRUCTION, AND RELATED SERVICES (MICRO/SBE)
96800 - PUBLIC WORKS AND RELATED SERVICES (MICRO/SBE)
96877 - SURVEYING (NOT AERIAL OR RESEARCH) (MICRO/SBE)



**Internal Services Department
Small Business Development**

111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111 F 305-375-3160

November 24, 2015

CERT NO: 15160

Approval Date: 11/23/2015 - SBE/AE

Expiration Date: 11/30/2018

Mr. Eduardo M. Suarez
LONGITUDE SURVEYORS, LLC
7715 NW 48 St 310
Doral, FL 33166-0000

Dear Mr. Suarez:

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD) has completed the review of your application and attachments submitted for certification. Your firm is officially certified as a Miami-Dade County Small Business Enterprise Architectural & Engineering (SBE/AE) in accordance with section 2-10.4.01 of the code of Miami-Dade County.

This (SBE/AE) certification is valid for three years provided that you submit a "Continuing Eligibility Affidavit" on or before your **anniversary date** of (November 23) for the first and second year of the three year period. The affidavit must indicate any changes or no changes in your firm pertinent to your certification eligibility. The submittal of a "Continuing Eligibility Affidavit" **annually** with specific supporting documents on or before your Anniversary Date is required to maintain the three year certification. You will be notified of this responsibility in advance of the Anniversary Date. Failure to comply with the said responsibilities may result in immediate action to decertify the firm.

If at any time there is a material change in the firm including, but not limited to, ownership, officers, director, scope of work being performed, daily operations, affiliation(s) with other businesses or the physical location of the firm, you must notify this office in writing within (30) days. Notification should include supporting documentation. You will receive timely instructions from this office as to how you should proceed, if necessary. **This letter will be the only approval notification issued for the duration of your firm's three years certification. If the firm attains graduation or becomes ineligible during the three year certification period, you will be properly notified following an administrative process that your firm's certification has been removed pursuant to the code.**

Your company is certified in the categories as listed below affording you the opportunity to bid and participate on contracts with Small Business Enterprise measures.

Please note that the categories listed are very general and are used only to assist our customers in searching the directory for certified firms to meet contract goals. You can find the firm's up-to-date certification profile as well as all other certified firms on the Miami-Dade County Internal Services Department, Small Business Development Certified Firms' Directory at the website <http://www.miamidade.gov/smallbusiness/certification-programs.asp>.

Thank you for your interest in doing business with Miami-Dade County.

Sincerely,

Claudious Thompson, SBD Section Chief
Small Business Development Division

CATEGORIES: (Your firm may bid or participate on contracts only under these categories)

1501 - SURVEYING AND MAPPING-LAND SURVEYING (SBE/AE)

1503 - UNDERGROUND UTILITY LOCATION (SBE/AE)

541370 - SURVEYING AND MAPPING (EXCEPT GEOPHYSICAL) SERVICES (SBE/AE)



**Internal Services Department
Small Business Development**

111 NW 1 Street, 19th Floor
Miami, Florida 33128
T 305-375-3111 F 305-375-3160

December 01, 2016

CERT NO: 15161

Mr. Eduardo M. Suarez
LONGITUDE SURVEYORS, LLC
7715 NW 48 St 310
Doral, FL 33166-0000

Approval Date: 12/1/2016 - ACDBE

Approval Date: 12/1/2016 - DBE

Anniversary Date: Annually on December 01

Dear Mr. Suarez:

Miami-Dade County Small Business Development (SBD), a division of the Internal Services Department (ISD), is pleased to notify you that your firm is certified under the Florida Unified Certification Program (UCP). Your firm meets the eligibility requirements for certification as a Disadvantaged Business Enterprise (DBE) and an Airport Concession Disadvantaged Business Enterprise (ACDBE) in accordance with 49 CFR Part 23 and 26.

DBE and ACDBE certifications are continuous with no expiration date; however, firms are required to attest that there are no changes via the No Change Declaration form annually on the firm's anniversary date to remain certified. You will be notified of your annual responsibilities in advance of the Anniversary Date listed above. You must submit the annual **No Change Declaration** form no later than the Anniversary Date to maintain your eligibility. Your firm will be listed in the UCP DBE Directory which can be accessed through the Florida Department of Transportation's website: <http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/>

DBE and ACDBE certifications are NOT a guarantee of work, but it enables the firm to compete for and perform contract work on all USDOT Federal Aid (FAA, FTA and FHWA) projects in Florida as a DBE and ACDBE contractor, sub-contractor, consultant, sub-consultant or material supplier.

If at any time there is a material change in your firm, you must advise this office by sworn affidavit and supporting documentation within thirty (30) days. Changes include, but are not limited to ownership, officers, directors, management, key personnel, scope of work performed, daily operations, on-going business relationships with other firms, individuals or the physical location of your firm. After our review, you will receive instructions as to how you should proceed, if necessary. Failure to comply will result in action to remove your firm's DBE and ACDBE certifications.

Questions or concerns should be directed to this office by mail or telephone. Our telephone number is (305) 375-3111 and fax number is (305) 375-3160.

Sincerely,

Claudious Thompson, Section Chief
Small Business Development Division

NAICS & Industry Title: (Your firm is eligible to compete for and perform work on all USDOT Federal Aid projects throughout Florida and may earn DBE or ACDBE credit for work performed in the following areas.)

541370 - SURVEYING AND MAPPING (EXCEPT GEOPHYSICAL) SERVICES (ACDBE)

541370 - SURVEYING AND MAPPING (EXCEPT GEOPHYSICAL) SERVICES (DBE)



Solicitation 12135-986

Appendix D: Required Forms

April 30, 2018



American Engineering Group, Inc.

wood.



SOLID
Consulting Engineers, Inc.



CAM #18-1170
Exhibit 5
76 of 81

STATEMENT OF QUALIFICATION CERTIFICATION

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

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

Company: (Legal Registration) American Engineering Group, Inc.

Address: 8726 NW 26th Street, Suite 4

City: Doral State: FL Zip: 33172

Telephone No. 305-718-8859 FAX No. _____ Email: rarosemena@americanenggroup.com

Does your firm qualify for MBE or WBE status: MBE _____ WBE _____

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

<u>Addendum No.</u>	<u>Date Issued</u>	<u>Addendum No.</u>	<u>Date Issued</u>
<u>Addendum No. 1</u>	<u>4/24/2018</u>	_____	_____
_____	_____	_____	_____

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

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

Submitted by:

Ramon Arosemena, P.E.

Name (printed)

4/30/2018

Date:


Signature

President

Title

NON-COLLUSION STATEMENT

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

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

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

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

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

NAME

RELATIONSHIPS

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

LOCAL BUSINESS PREFERENCE CERTIFICATION STATEMENT

The Business identified below certifies that it qualifies for the local BUSINESS preference classification as indicated herein, and further certifies and agrees that it will re-affirm its local preference classification annually no later than thirty (30) calendar days prior to the anniversary of the date of a contract awarded pursuant to this ITB. Violation of the foregoing provision may result in contract termination.

- (1) _____ is a **Class A** Business as defined in City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the City of Fort Lauderdale current year Business Tax Receipt and a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (2) American Engineering Group, Inc. is a **Class B** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Business Tax Receipt or a complete list of full-time employees and their addresses shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (3) Solid Consulting Engineers, Inc. is a **Class C** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. A copy of the Broward County Business Tax Receipt shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (4) _____ requests a **Conditional Class A** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (5) _____ requests a **Conditional Class B** classification as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. Written certification of intent shall be provided within 10 calendar days of a formal request by the City.
Business Name
- (6) _____ is considered a **Class D** Business as defined in the City of Fort Lauderdale Ordinance No. C-12-04, Sec.2-199.2. and does not qualify for Local Preference consideration.
Business Name

BIDDER'S COMPANY: American Engineering Group, Inc.

AUTHORIZED COMPANY PERSON: Ramon Arosemena, P.E. [Signature] 4/30/2018
NAME SIGNATURE DATE

CONTRACT PAYMENT METHOD BY P-CARD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to payment by credit card via MasterCard or Visa. This allows you as a vendor of the City of Fort Lauderdale to receive your payment fast and safely. No more waiting for checks to be printed and mailed.

In accordance with Article 7, item 7.4.3 of the consultant agreement attached herein, payments for all services will be made utilizing the City's P-Card program (MasterCard or Visa). Accordingly, firms must presently have the ability to accept credit card payment or take whatever steps necessary to implement acceptance of a credit card before the commencement of the agreement.

Please indicate with which credit card you prefer to be paid:

_____ Master Card

 X Visa Card

Company Name: American Engineering Group, Inc.

Ramon Arosemena, P.E.

Name (printed)



Signature

4/30/2018

Date:

President

Title



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/20/2018

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 be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Hub International Florida
777 SW 37th Ave. Suite 500
Miami FL 33135

CONTACT NAME: Fani Momplaisir, CIC

PHONE
(A/C, No, Ext): 305-444-2324

FAX
(A/C, No): 305-444-4980

E-MAIL ADDRESS: fani.momplaisir@hubinternational.com

INSURED
American Engineering Group
8726 NW 26th Street, #4
Doral FL 33172

INSURER(S) AFFORDING COVERAGE**NAIC #****INSURER A:** Hartford Casualty Insurance Co

29424

INSURER B: Underwriters at Lloyds

15792

INSURER C:**INSURER D:****INSURER E:****INSURER F:****COVERAGES****CERTIFICATE NUMBER:** 1887645829**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 SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PRO-JECT ☐ LOC ☐ OTHER:	Y	21SBABW6199	8/14/2017	8/14/2018	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	☐ AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☒ HIRED AUTOS ☐ SCHEDULED AUTOS ☒ NON-OWNED AUTOS		21SBABW6199	8/14/2017	8/14/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☐ RETENTIONS		21SBABW6199	8/14/2017	8/14/2018	EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000 \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N ☐ N/A				PER STATUTE ☐ OTH-ER ☐ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
B	Professional E&O Retro Date: 03/25/2004		PGIARK0604802	3/25/2018	3/25/2019	Per Claim 1,000,000 Aggregate 2,000,000

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

Certificate holder is listed as additional insured on General Liability coverage when required by written contract, subject to terms, conditions, and exclusions of the policy.

CERTIFICATE HOLDER**CANCELLATION**

City of Fort Lauderdale
c/o Procurement Services Division
100 N. Andrews Avenue #619
Fort Lauderdale LF 33301

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