

LANGAN

RFQ # 18-001
General Traffic Engineering Services

Submitted to:
City of Key West



February 27, 2018



SUSTAINABLE DESIGN

Langan professionals design solutions that maintain the inherent connections between structures and their natural surroundings. The result – sustainable communities for future generations to live, work and play.

HEALTH & SAFETY

Langan is committed to providing a healthy and safe working environment. Langan's goal is to be SAFE (Stay Accident Free Everyday).



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Cover Letter

LANGAN

28 February 2018

Cheri Smith, City Clerk
City of Key West
1300 White Street
Key West, FL 33040

Re: Request for Qualifications 18-001: General Traffic Engineering Services

Ms. Smith:

Langan Engineering and Environmental Services, Inc. (Langan) is pleased to submit one original and two flash drives of our entire proposal for the **RFQ 18-001: General Traffic Engineering Services**, for the City of Key West. We reviewed the scope of services and understand the City's goals. Langan is committed to completing the project in an expedited manner. Our submittal includes a summary of expertise and technical competence, professional qualifications, certifications and capacity of staff, relevant experience, ability to perform services, location and availability of the project manager and technical support staff, internal peer review procedures, examples of five similar projects, and all required forms and licenses.

Langan is a multidisciplinary consulting firm. We have provided services across Florida since 1974. Our traffic engineering and transportation planning services are offered throughout South Florida from West Palm Beach, Fort Lauderdale, Miami Lakes, Tampa, and Coral Gables, Florida. We teamed with HBC Engineering, Inc. and Under Power Corp. to ensure that all of the services in the RFQ could be provided and to provide a redundancy in service capabilities to expeditiously serve the city on multiple task orders.

As Langan's Project Manager, John P. Kim, PE, PTOE will serve as the point of contact authorized to make representations for the firm. He has served as a traffic engineer for a number of South Florida government agencies and has served as the project manager on dozens of traffic engineering services contracts. Mr. Kim has more than 22 years of professional experience in traffic operations, traffic safety, transportation planning studies, signing and marking, roadway and traffic signal design in the South Florida region. He has served as the project manager on traffic-operations contracts for Districts 4 and 6 of the FDOT and successfully completed more than 200 task work orders. His first six years of experience was as the Section Head of Traffic Concurrency with the Miami-Dade County Traffic Engineering Division.

The City of Key West has our commitment to deliver professional and personalized service on time and with quality, while being sensitive to the budgetary nature of the project. We trust that the expertise and enthusiasm of the Langan Team that is displayed in this submission will garner your support. We are confident that our team's depth of experience with traffic engineering services will serve the City's and the community's best interest. We greatly appreciate the opportunity to submit our qualifications to you and look forward to serving The City of Key West and working with your staff.

Sincerely,

Langan Engineering and Environmental Services, Inc.



Eric B. Schwarz, PE, LEED AP
Principal/Vice President

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Summary of Expertise

Corporate Summary



Integrated Solutions. Measurable Value.

Langan provides an integrated mix of engineering and environmental consulting services in support of land development projects, corporate real estate portfolios, and the oil and gas industry. Our clients include public agencies, developers, property owners, corporations, institutions, and energy companies around the world.

Founded in 1970, Langan employs more than 1,000 professionals in its Parsippany, NJ headquarters and among regional offices in:

- Miami, FL
- Fort Lauderdale, FL
- Tampa, FL
- New York City, NY
- White Plains, NY
- New Haven, CT
- Lawrenceville, NJ
- Philadelphia, PA
- Bethlehem, PA
- Doylestown, PA
- Pittsburgh, PA
- Bridgeport, WV
- Cleveland, OH
- Arlington, VA
- San Francisco, CA
- Oakland, CA
- Sacramento, CA
- San Jose, CA
- Los Angeles, CA
- Irvine, CA
- Phoenix, AZ
- Houston, TX

Langan International, the firm's wholly owned subsidiary headquartered in New York City, provides all firm services for projects in the Middle East, Eastern Europe, Latin America, and the Caribbean. Langan International regional locations are in:

- Abu Dhabi
- Athens
- Doha
- Dubai
- Istanbul
- London
- Panama



SUSTAINABLE DESIGN:

As the recognized industry leader, Langan's team of over 125 LEED Accredited Professional provides sustainable solutions for every aspect of your project.

LANGAN

Transportation Engineering



Safe, Efficient, Innovative

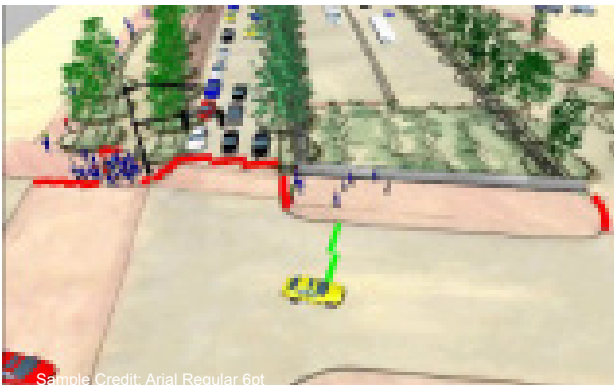
Access is critical to any facility and Langan possesses decades of experience in total transportation engineering and planning services. In fact, from hospitals to universities to shopping centers to stadiums, we have developed programs, designs, and creative solutions that enhance access and circulation for facilities and major transportation systems throughout the United States.

Langan's transportation engineering and planning work includes highway and local street design, as well as the design of parking, transit, and non-motorized transportation facilities. For the planning and design of these types of facilities we have provided simulation modeling, master plans, traffic impact studies, operational analysis, signal design, traffic calming measures, signage and wayfinding studies, origin/destination surveys, travel demand modeling, corridor studies, urban transportation plans, transit station and route planning, terminal planning, bikeway planning, and permitting services through counties, municipalities, and the various transportation agencies.



Langan Transportation Services:

- Vehicular Traffic Studies
- Stadium and Event Planning
- Traffic Modeling & Simulation
- Master Planning
- Transit Studies
- Station Planning
- Environmental Impact Statements
- Parking Studies
- Corridor Studies
- Site Access / Site Engineering
- Airport Studies
- Site Feasibility Studies
- Streetscape Improvements
- Traffic Calming
- Value Engineering
- Bicycle & Pedestrian Safety Studies
- Toll Facilities
- Urban Development
- Grading & Roadway Design
- Infrastructure Rehabilitation
- Cost Estimates
- Contract Documents
- Construction Administration & Inspection
- Permit Application Packages
- Technical Specification
- STEPS
- SimTraffic
- Paramics
- VISSIM



Sample Credit: Arial Regular 6pt

LANGAN

Transportation Planning and Modeling

Forward Moving

Each study type involves the assessment of existing conditions, background growth, traffic generated by specific projects and system modifications needed to improve existing, sub-optimal conditions. When it comes to transportation planning and modeling, Langan takes great pride in the development of imaginative solutions.

Our vehicular traffic studies are conducted on a micro or macro level for a variety of project types for both public and private clients. The purposes and complexities of these studies vary greatly from simple studies with four or five intersections that use SYNCHRO or HCS software to assess performance, to studies that involve detailed pedestrian or vehicular traffic simulation models.

Langan's transportation planning and modeling services enable our clients to safely and effectively move goods and services that are often frustrated by traffic congestion and delays. Our planners and engineers are known for thinking out of the box and developing creative solutions that apply a mix of conventional solutions with smart growth principles, context sensitive design and traffic calming measures.

Langan Transportation Planning and Modeling Services:

- Master Planning
- Transportation Hub/Terminal Studies
- Origin/Destination Studies
- Stadium and Event Planning
- Hospital Planning
- Station Planning
- Campus Planning
- Transit Studies
- Intermodal Facilities
- Environmental Studies
- Supply/ Demand Studies
- Shared Parking
- Transit Alternative Studies
- Airport Studies
- Parking Occupancy
- Curbside Pick-up/Drop-off Studies
- Transportation Policy Review
- Operational Planning
- Traffic Signal Design

Roads & Highways

Well-Aligned, Essential, Concise

Langan's highway design professionals undertake projects ranging from conceptual planning and alignment studies to design and final contract documents for construction. We provide design services for improvements to local and county roads, and state and interstate highways.

The Langan team has completed projects for intersection improvements, roadway widening and dualization, interchanges, new jughandles, existing jughandle modifications, and traffic signal installations and upgrades. Langan's highway staff has provided these services on projects ranging from minor geometric upgrades, to multi-million dollar corridor improvements.

A solid team is essential to a project's success, and Langan manages all aspects of the project and the team devoted to completing the design, approvals and permitting. Langan's traffic and environmental staff are experts in the field of transportation agency and natural resource permitting, and work with our highway staff to provide invaluable guidance during scoping and design to ensure the projects conform to ever changing regulations.

Langan Road & Highway services include:

- Alignment Studies and Conceptual Plans
- Highway and Road Design
- Intersection Design
- Roundabout Design
- Ramp and Interchange Design
- Jughandle Design
- Traffic Signal Design
- Intelligent Transportation Systems
- Traffic Signs and Markings
- Pedestrian Accommodations
- Sign Panel Design
- Intersection and Roadway Lighting Design
- Reconstruction, Rehabilitation and Resurfacing
- Pavement Design
- Safety Upgrades
- Maintenance and Protection of Traffic Plans
- Utility Relocations
- Roadway Drainage and Stormwater Management
- Roadway Topographic Surveys
- Right of Way Surveys
- Right of Way Parcel Maps
- Roadway Project Permitting



Responsiveness that Delivers Results

As an integral component of the design team, Langan works closely with the owner to develop conceptual site plans and realistic cost estimates. Our deadline-oriented professionals are available to our clients 24/7 to ensure timely approvals and permits to advance projects toward construction, occupancy, and ultimately revenue. Langan also supports projects with construction inspection and overall project management.

Langan Site/Civil Services:

- Project Management
- Site Feasibility Studies
- Conceptual Planning
- Site Engineering & Planning
- Grading & Drainage Design
- Stormwater Management Design
- Value Engineering
- Sanitary Treatment Plant Design
- Utility Infrastructure Design
- Water Supply/Hydrological Investigations
- Permitting/Regulatory Compliance
- Wetland Delineation/Mitigation
- Landscape Architecture
- Regulatory Negotiation
- Survey-Boundary/Topographical/GPS
- Traffic/Transportation Engineering
- Waterfront Systems Design
- Property Acquisition Support
- Conceptual Reuse Planning
- Funding Identification/Grant Assistance
- Regulatory Coordination/Compliance
- Decommissioning/Demolition Design
- Construction Management
- Construction Inspection
- CADD/GIS/Computer Animations
- SITEOPS® Optimization Services

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Professional Qualifications

REGIONAL OFFICE CAPABILITIES



44 YEARS IN FLORIDA

Langan has provided engineering services for hundreds of projects across Florida since 1974. Langan is a New Jersey corporation authorized to transact business in Florida. Our team includes more than 41 technical engineers and scientists, many of whom have worked on some of the largest and complex projects in South Florida.

The Florida team has been called upon by numerous local governments and developers throughout the years, resulting in the establishment of many long-term relationships with local cities and communities.

It is the firm's goal to provide the City of Key West with the highest level of technical and professional excellence throughout the duration of the contract.

Our Miami office will be the primary resource for the execution of this contract. Should Langan be selected to provide services to the City of Key West, we are prepared to allocate the resources necessary to meet the City's needs.



LANGAN

FIRM QUALIFICATIONS



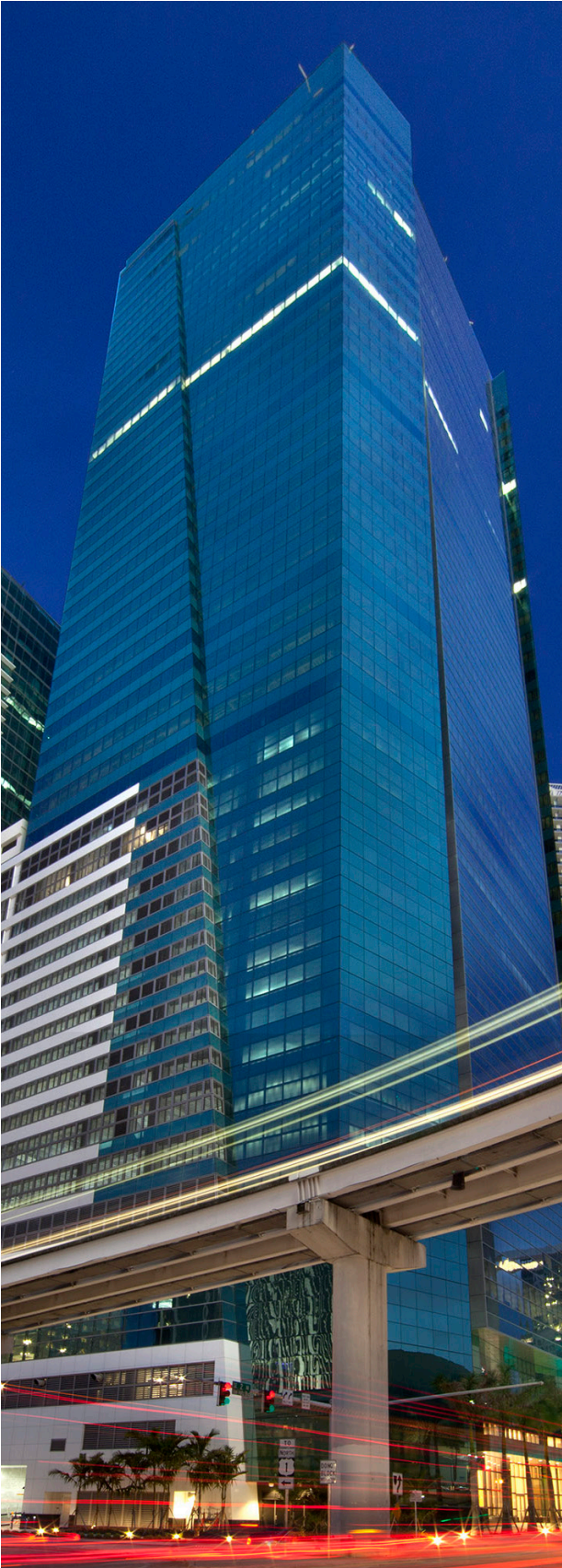
Langan has been involved in some of the largest and most recognizable projects in South Florida, including the PortMiami Tunnel, Fontainebleau Resort and Spa redevelopment, Westin Diplomat Hotel and Convention Center, Espirito Santo Tower, The Promenade at Coconut Creek, MET Miami Development, the Blue and Green Diamond towers, The Continuum on South Beach, American Airlines Arena, Miami Marlins Stadium, Sun Life Stadium, Four Seasons Hotel tower, and various facilities at the University of Miami. Our involvement in such projects testifies to our range of technical capabilities.

We have provided professional consulting services related to roadway, traffic and transportation engineering similar to those requested by the City of Key West. We pride ourselves on solving challenging technical and regulatory problems in a manner that is acceptable to the regulatory agencies, while maintaining a focus on cost and practical solutions. Our project approach will incorporate these skills to assist the City meet their transportation engineering needs.

Our public-agency clients include:

- Monroe County Solid Waste Management Division
- Miami-Dade Department of Regulatory and Economic Resources
- Miami-Dade Aviation Department
- City of Hollywood
- City of Sunny Isles Beach
- City of Hallandale
- City of Homestead
- City of Lauderdale
- City of Miami Beach
- City of Coconut Creek
- City of Miami
- City of Pompano Beach
- FDEP – South, Southwest, and Southeast Districts
- South Florida Water Management District

TEAM QUALIFICATIONS



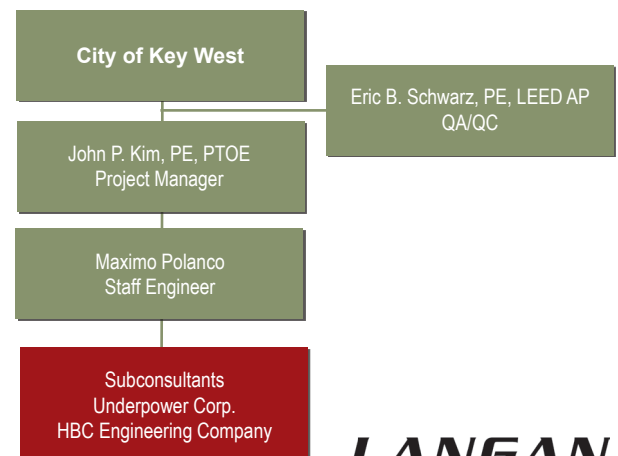
Langan is committed to providing the City of Key West with traffic engineering services and offers John P. Kim, PE, PTOE as Project Manager. Mr. Kim will deliver the required level of attention to satisfactorily complete City tasks on time and on budget - no matter how demanding.

Mr. Kim, who is a traffic engineer, transportation planner and designer, will serve as the project manager and primary contact to the City for this contract. He is a Florida Registered Professional Engineer (PE) and an Institute of Transportation Engineers Certified Professional Traffic Operations Engineer (PTOE). His work experience includes employment in the public and private sectors for planning, operations, and design projects/studies. His experience providing transportation engineering and planning services for public and private sector clients gives him a valuable perspective that will greatly benefit the City. He has also worked extensively throughout Florida including previous experience providing similar services for the municipalities throughout the region.

In addition to Mr. Kim's local expertise and regional knowledge that is vital to project success, Langan provides clients with the depth and breadth of experience of a nationwide network of more than 1,000 seasoned professionals. We strongly believe that our clients are better served when we work together to deliver an integrated suite of services and produce proven solutions that ensure project success. Our proposed team is well-versed in roadway, traffic and transportation engineering as well as regulatory and permitting frameworks, from municipal- and county-level permitting requirements to state and federal rules and regulations.

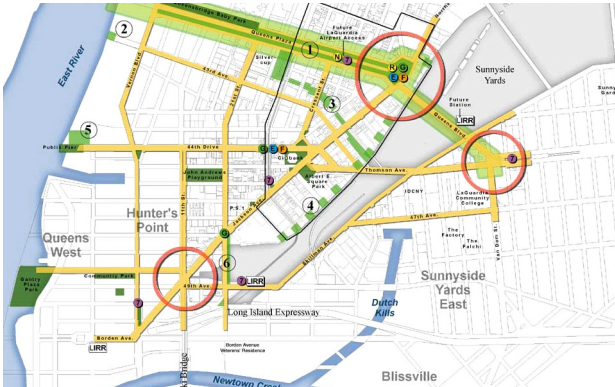
Resumes for our proposed team are found on the following pages of this section.

ORGANIZATIONAL CHART

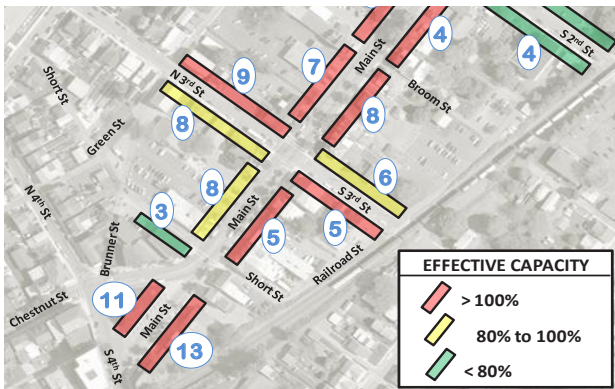


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SIMILAR EXPERIENCE

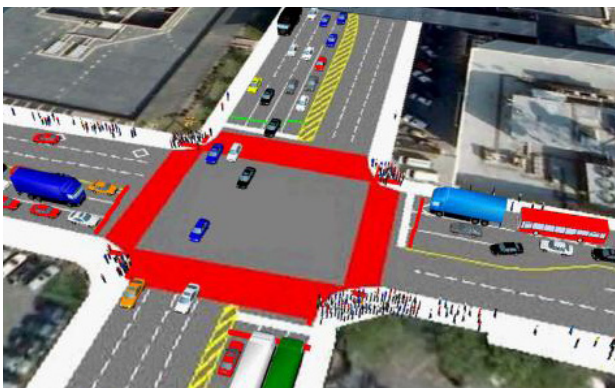


The general objective of this contract is to provide the City of Key West with staff that will function as an extension of its own skilled professionals, and is a resource of qualified engineering professionals. Langan will be expected to provide quality and time-and-budget-responsive support to the City as identified in the City's Request for Qualifications. This support may be in the form of defined technical tasks, which are performed in the offices of Langan or, as needed, in the City's offices, side-by-side with its professional and technical staff.



Langan presumes that the work may be issued on a task authorization basis depending on the need for professional services. Timely completion of tasks is one of the cornerstones that Langan has built its reputation upon. We have accomplished this by working closely with our clients to develop comprehensive scopes for work needed and in developing realistic timelines based upon these scopes.

As evidenced in the selected project sheets provided in this section, Langan has an extensive history providing traffic and transportation related services across the United States and abroad. Our local traffic and transportation engineering practice provides the City of Key West with the full-spectrum of Langan's worldwide expertise coupled with the necessary resources from local, experienced personnel such as our Miami office's traffic and transportation engineer, John P. Kim, PE, PTOE.



SIMILAR EXPERIENCE

Expertise Serving Government Entities

Mr. Kim joined Langan in September 2014 and has extensive experience providing traffic and transportation engineering services in the South Florida community. His broad range of experience spans 20 years and includes many projects that are similar in nature to those that would be procured under this contract. We have also provided a summary of Mr. Kim's personal experience to demonstrate in detail the capabilities of our proposed team manager.

Mr. Kim, who served as a consultant traffic engineer for the City of Palm Beach Gardens from 2006 through 2014, understands the nature of municipal traffic engineering services and has a firm grasp on the procedural requirements of continuing services contracts. Furthermore, his previous experience serving as a consultant and project manager for traffic and transportation engineering contracts for various municipalities gives him a comprehensive understanding of how to meet the needs of municipal clients. We have highlighted a few of Mr. Kim's relevant roles and responsibilities for your consideration.

Municipal Traffic Engineer

- Traffic impact/concurrency studies and site plan reviews
- Comprehensive plan transportation element updates
- Traffic operational analysis and reviews
- Impact traffic study preparation and review
- Transit studies
- Municipal code evaluation
- Expert testimony

FDOT Traffic Operations Project Manager

- Signal warrant analysis, school zone study, speed studies, strain-pole analysis, travel time study, intersection assessments and pedestrian studies
- Development of work orders for signing or marking installation, collision diagrams, crash analysis, signing and marking plans review, and traffic data
- Review of signage and marking and signal plans, field investigations, and in-house review of consultant traffic studies.

FDOT Planning and Environmental Management Office Project Manager

- Signal warrant analysis, school zone study, speed studies, strain-pole analysis, travel time study, intersection assessments and pedestrian studies
- Development of work orders for signing or marking installation, collision diagrams, crash analysis, signing and marking plans review, and traffic data
- Review of signage and marking and signal plans, field investigations, and in-house review of consultant traffic studies

Miami-Dade County Traffic Engineer and Special Administrator for Concurrency

- Managed all aspects of the Traffic Concurrency Section
- Reviewed all traffic impact studies, master plans and site plans
- Prepared, reviewed and approved work zone traffic control plans
- Reviewed and approved pavement marking and signage plans
- Reviewed and prepared traffic concurrency analysis for all land development and zoning applications
- Developed and maintained various GIS and non-GIS based databases
- Served as a member of the County's Plat Committee, Developmental Impact Committee, Traffic Concurrency Committee and Shoreline Review Committee
- Developed graphical standards, a procedures manual and training programs

SIMILAR EXPERIENCE

Additional Relevant Experience

Equitable Distribution Program, Miami-Dade County Public Works Department, Florida.

Mr. Kim, serving as Project Manager, managed two completed projects under this contract. The first project was a reversible lane project for West Flagler Street from NW 74th Avenue and NW 24th Avenue. It required the use of the Southeast Regional Planning Model, Synchro analysis and close coordination with FDOT. The project included four variations of reversible laning and also required a construction estimate. This was a significant and comprehensive corridor study.

The second project is a design project for the Commodore Bike Path located in southwest Miami-Dade County. This project required public involvement meeting presentations that were done in conjunction with the City of Miami. It also included a prefabricated pedestrian bridge over the Coral Gables Waterway, just north of the Cartagena Circle and route-guide signing. The design was for a three mile segment of the bicycle route and incorporates the design criteria for a multi-use path, bicycle lanes and shared use roadways which required bicycle and pedestrian planning and design. The project required coordination with three different County departments, as well as the City of Miami and the City of Coral Gables.

Continuing Consultant Services, City of Palm Beach Gardens, Palm Beach Gardens, Florida.

Tasks completed under this contract included the review of site development plans, preparation and review of traffic impact statements, developed comprehensive Citywide transportation plans, performed a parking study for a major retail shopping center, prepared a Citywide transit study, performed intersection operational and signal warrant analysis, prepared traffic signal design and construction plans, provided expert testimony, and coordinated and interacted with various government agencies on behalf of the City of Palm Beach Gardens. Work included attending City Council meetings and participating in public involvement. Construction plans for roadway modifications and a signalized intersection were also completed. One of the tasks included a three-day parking accumulation analysis for the Gardens Mall which included surface and structured parking facilities.

Continuing Consultant Services, Town of Haverhill, Florida.

Provided consulting services to the Town on an as-needed basis for the review of traffic studies, EAR-based comprehensive plan amendments and evaluating County-proposed roadway improvement projects within the Town's limits. Other tasks included attending council meetings, providing expert testimony and performing public presentations.

Continuing Consultant Services, City of Port St. Lucie, Port St. Lucie, Florida.

Served as the traffic consultant to review land development applications within the City and verify compliance with City traffic concurrency requirements. These reviews involved evaluations of Land Use Amendments, traffic impact studies, unincorporated County lands being annexed into the City, calculations of impact, and reviews of multifamily proposed development sites. Other tasks included attending council meetings, providing expert testimony and performing a traffic calming study.

Districtwide Traffic Operations General Engineering Consultant, Florida Department of Transportation District Four.

Served as the as the project manager to provide on- and off-site professional services for traffic operations that most often originated with a complaint or concern regarding traffic safety or traffic operations. FDOT District Four includes Broward, Palm Beach, Martin, St. Lucie and Indian River counties. This contract required data collection tasks that included traffic volume data, speed data, pedestrian counts, turning movement counts, traffic stream gaps, vehicle delay and queuing analysis. Tasks performed under this contract included field visits, traffic signal warrant analysis, intersection operations analysis, speed studies, delay studies, pedestrian studies, crash data and police report reviews, safety studies, collision diagrams, all-way stop sign warrant analysis, traffic intersection operations analysis, sight distance evaluations, school speed zone studies, passing studies and the review of signing and marking plans. Mr. Kim's relationship with planning and engineering departments in various cities and counties in South Florida gives him the ability to contact government agencies expeditiously.

SIMILAR EXPERIENCE

Roadway design services included preparation of plans for crosswalk ramps installation, signage plans, roadway modifications and the review of signing and marking plans. On-site services generally consisted of assisting FDOT project managers with citizen complaints regarding traffic operations, usually traffic control signage or traffic control signalization. Staff performed the required analysis and responded to citizen complaints. Often the solutions required the installation or removal of traffic control devices. Roadway design plans review and updates to the GIS were also provided on-site.

Professional Traffic Engineering Services, Village of Pinecrest, Pinecrest, Florida.

Served as the project manager for the 60th Avenue traffic calming study for the Village of Pinecrest. The work included obtaining field data measurements, traffic data, coordination with various committees and Miami-Dade County, and the development of a conceptual traffic calming plan that was ultimately approved by the Village and Miami-Dade County. This project required extensive community involvement meetings and multiple presentations to the Village's Transportation Committee and Council. In addition to transportation planning, traffic operations analysis was provided at the request of the City. The operational analysis included signal warrant analysis, all-way stop warrant analysis and operational capacity analysis for intersections and corridors.

Districtwide Traffic Operations & Safety, Florida Department of Transportation – District Six.

This project required Safety Studies, Qualitative Assessments, Signal Warrant Analysis, Intersection Analysis, Arterial Analysis, Left-turn Phase Warrant Analysis, Supplemental Tasks and Fatal Crash Reviews. The work involved operational characteristics of intersections and/or segments of arterials, conducting field reviews, collecting data, observations of the operation, assembling crash data, performing engineering analysis and associated benefit/cost analyses of various alternatives. Field visits and data collection services were often required and the evaluation reports included recommended improvements to address citizen complaints.

REFERENCES

Commitment to our Clients' Goals

As a premier provider of integrated land development and environmental consulting services, Langan brings more than four decades of expertise and experience to challenging projects around the world.

Langan prides itself on setting the standard for excellence in land development engineering, which includes traffic and transportation engineering services. Clients that select Langan benefit from our commitment to their goals and unique integrated suite of technical services. Few consultants can match the mix of services, technical excellence, geographic reach, practical knowledge, and tireless responsiveness that has forged our reputation.

As mentioned previously, the Florida traffic and transportation engineering practice is spearheaded by industry veteran, Mr. John Kim, PE, PTOE. For this reason, the project experience and references provided below illustrate Mr. Kim's personal experience with similar scopes of services. We encourage you to contact any of the provided references in this statement of qualifications to discuss his performance. We wish to reiterate, that if necessary, Mr. Kim can count on the full support of Langan's traffic and transportation professionals to assist with meeting contract deliverables for the City of Key West

City of Palm Beach Gardens, Florida

Contact: Todd Engle, PE, City Engineer
10500 N. Military Trail
Palm Beach Gardens, FL 33410
561.799.4219

Project Manager: John P. Kim, PE, PTOE
Year Completed: 2014
Fees: \$112,000

Town of Haverhill, Florida

Contact: Janice Rutan, Town Administrator
4585 Charlotte Street
Haverhill, FL 33417-5911
561.689.0370

Project Manager: John P. Kim, PE, PTOE
Year Completed: 2014
Fees: N/A



REFERENCES



City of Port St. Lucie, Florida

Contact: Roxanne Chesser, PE
121 SW Port St. Lucie Boulevard
Port St. Lucie, FL 34984
772.871.5186

Project Manager: John P. Kim, PE, PTOE
Year Completed: 2014
Total Cost: \$31,000

Florida Department of Transportation - District 4

Contact: Teresa O'Connor
Traffic Studies Specialist
3400 W. Commercial Boulevard
Fort Lauderdale, FL 33309
954.777.4623

Project Manager: John P. Kim, PE, PTOE
Year Completed: 2014
Annual Cost: \$600,000

Florida Department of Transportation - District 6

Contact: Miguel Caldera
1000 NW 111 Avenue, Room 6206A
Miami, FL 33172-5800
305.470.5355

Project Manager: John P. Kim, PE, PTOE
Year Completed: 2014
Annual Cost: \$280,000

SUBCONSULTANTS

HBC Engineering

HBC Engineering Company (HBC) is a minority-owned, Florida-registered engineering consulting firm founded in 2006. HBC is certified as a DBE and SBE with Florida Department of Transportation (FDOT) with a long history of successfully completed projects in South Florida. HBC is a uniquely qualified engineering firm, specialized in planning, design and construction inspection services for civil, traffic, transportation and water resources related engineering projects for a broad range of industries. The firm offers a full array of design and engineering services for all design tasks including but not limited to Traffic Engineering Studies and Signalization, Roadway Design and Drainage, Signing and Marking, Lighting, Utility Coordination as well as Public Involvement services.

HBC's Traffic Team has years of comprehensive experience in Traffic Operations Studies, Traffic Signal Timing, Traffic Data Collection and Management, Safety Studies, Transportation Planning, Traffic Signal Design, Signing and Marking Plans, Traffic Control, Detour Plans and MOT, Street and Highway Engineering Design, and Interchange Design.

Mr. Gerard Osborne, PE, HBC's Director of Traffic, is a State of Florida licensed Professional Engineer who has 33 years traffic operations and transportation planning experience including data collection, microsimulation studies, capacity analysis, safety studies, traffic impact studies, and travel demand forecasting and modeling. His core experience in these areas was acquired while working on projects involving some of South and Central Florida's major travel corridors, including SR 826, SR 836, SR 112, SR874, Interstate 4, and Florida's Turnpike as far back as the early 1990's. He has worked both as a consultant and with Government agencies, including a brief stint as Transportation Manager at the City of Miami Beach, and his most recent position at the Miami-Dade County Traffic Engineering Division where, at different times, he was section head for countywide Traffic Data Collection, section head for Schools Traffic, and Area Engineer for South Miami-Dade County.

During his tenure at Miami-Dade County, he also conducted authoritative reviews of various types of traffic studies, including development impact

studies, school studies, safety studies, and corridor/infrastructure improvement studies.

Mr. Adebayo Coker, PE is a transportation engineer with over 24 years of responsible and diversified experience in the planning, design and construction management of major FDOT transportation projects. His particular areas of expertise are in production and management of all phases of roadway design projects including preliminary and final design of limited/controlled access highways and freeways; Rural and Urban Resurfacing, Restoration and Rehabilitation (RRR) projects; and construction engineering inspection (CEI). He has managed and provided technical leadership on a number of public and private sector projects. He has taken numerous projects from the planning phase through design, construction and post design services. He has been responsible for coordination with clients, sub consultants, permitting agencies, between project disciplines, implementation of effective quality control and quality assurance plan (QA/QC) and the supervision of project personnel.

Mr. Zhao Sha is a traffic engineer with expertise in traffic simulation, traffic modeling, traffic studies and public transportation and has thorough knowledge of software such as Vissim and Synchro. His most recently completed FDOT project was the Okeechobee Road Corridor Wide Traffic project where he was responsible for building an integrated Vissim model that spanned both rural and urban areas of Miami-Dade County. Prior to his tenure at HBC, Mr. Sha worked with Vissim and Synchro microsimulation and network optimization to develop solutions for bicycle lane usage in urban and sub-urban areas. He also did significant work on the use of microsimulation models to promote the efficacy of Transit Signal Priority as a tool for enhancing traffic operations in urban areas.

Mr. Jeremy Braithwaite is a junior traffic engineer and recent graduate of Florida International University (FIU) who has already attained significant experience in the area of data analysis and collection. His most recent completed project was assisting with data analysis and presentation for a corridor-wide study of Okeechobee Road improvements. Prior to joining HBC, he worked with FIU's Lehman Center for Transportation Research as a field research assistant collecting and analyzing

SUBCONSULTANTS

traffic data on projects in Gainesville and Yeehaw Junction, and as an intern with FIU's UniversityCity project under its Intelligent Transportation System (ITS) umbrella, the Informed Traveler Program & Applications project, to collect data for use in an FIU-specific transportation mobile application..

Under Power Corporation

Under Power has been in business since 1993. We are state certified Electrical Contractors based primarily in south Florida with the bulk on of work being performed in Broward, Miami Dade and Monroe Counties. The core of the firm's business is Traffic Signalization. Under Power can perform a turn key operation when it comes to all things signal related. This includes conduit and cabling, controller installation and timing, poles and structures, signals and detection. Basically, we can build an intersection from the ground up. The firm is skilled at programming all models of McCain, Trafficware (Naztec) and Peek controllers.

Under Power has IMSA certified technicians and continually undergo training programs with major vendors including Control Technologies and Iteris. The firm install loops for detection and have several projects where they have installed video detection all over Miami Dade. They also completed three projects with Florida Turnpike where they installed IP based microwave devices for detection purposes (contracts E8P58, E8P59, and E8P60)

PROJECT APPROACH

The City of Key West, Florida proposes to select qualified consulting firms to provide General Traffic Engineering Services. The consulting services outlined in the RFP may include, but will not be limited to: traffic studies, traffic signal system design, physical (field) timing of traffic signals, traffic signal detection systems, traffic signal detection systems, roadway capacity calculations and studies, roadway signage - warrants, design/siting, traffic counting, Florida dot "green book", bicycle and pedestrian planning, parking studies and way finding sign program.

The general objective of this contract is to have available, to the City of Key West, staff that functions as an extension of its own skilled professionals, and is a resource of qualified engineering professionals. Langan will be expected to provide quality and time-and-budget-responsive support to the City as identified in the City's Request for Qualifications. This support may be in the form of defined technical tasks, which are performed in the offices of Langan or, as needed, in the City's offices, side-by-side with its professional and technical staff.

Langan presumes that the work may be issued on a task authorization basis based on the need for professional services. We are prepared to respond to these requests for service within 24 hours. Timely completion of tasks is one of the cornerstones that Langan has built its reputation upon. We have accomplished this by working closely with our clients to develop comprehensive scopes for work needed and in developing realistic timelines based upon these scopes.

Team Experience

Langan teamed with HBC Engineering, Inc., and Under Power Corporation to ensure that all of the potential traffic engineering consulting services could be provided and to have a level of redundancy of the team's experience. The redundancy in expertise will allow the team to work on multiple task work orders expeditiously. Langan and HBC have expertise in all of the tasks referenced in the RFQ with the exception of field timing of traffic signals. Under Power Corp. was added to the team to provide their experience and expertise with traffic signal design, maintenance and field timing modifications.

Langan

John P. Kim, PE, PTOE will serve as the Project Manager and point of contact authorized to make representations for the Langan Team. Mr. Kim has provided transportation planning, engineering and design services to various municipal governments in South Florida and served as a project manager on traffic operations and planning contracts with districts 4 and 6 of the Florida Department of Transportation. Miami-Dade and Monroe counties comprise District 6. His experience includes working for the private and public sectors. Mr. Kim has 16 years of client service as a consultant engineer and 22 years, overall, of experience in the South Florida region. His first six (6) years of experience were with the Miami-Dade County Traffic Engineering Division.

Mr. Kim's experience with FDOT include working on transportation planning, traffic engineering, traffic operations, traffic safety and design projects. His work with the FDOT required him to interact with city and law enforcement agencies, other FDOT departments and the general public on an individual and group basis. He typically served as the "city traffic engineer" when employed by a municipality and his duties typically included various traffic operation and safety studies and reviewing land development traffic impact analysis and site plans. Other tasks included parking studies, transit studies, bike path design, signal design and signal timing optimization for corridors. Designs and studies were all prepared in accordance with FDOT Roadway Design Standards and the FDOT "Green Book".

Methodology

The methodology we use in providing professional transportation services to government agencies have basic elements regardless of the nature of the task. It begins with developing a relationship with City staff. We feel it is essential for a consultant to make City staff's work easier, not harder. We look forward to working for the City, and with the City on the challenges they face on a daily basis. Langan's goal is to be a good advocate and provide our professional opinions so that the City can make use of our expertise.

PROJECT APPROACH

On-going communication is a basic principle of our methodology. Questions are always encouraged and asked to clarify all of scopes of work, expected deliverables, expectations, schedules, milestones, staffing, etc. Langan never hesitates to reach out to City staff in order to go over the results of a review, analysis or study before sending the written product.

Organization is incorporated in all facets of our work. Minutes of meetings and status reports are provided on a monthly basis. Reports include tables and figures in lieu of endless pages of text. Important points are bulleted whenever possible to make it easier to read and interpret.

Project Approach

Langan's approach to each task will vary somewhat depending on the type of project. Our experience with traffic engineering, traffic operations, transportation planning and design is reflected in our understanding of the key elements for the various project types for traffic and transportation engineering consulting services. For roadway and/or intersection design projects, we understand the need for accurate survey, utility location and coordination and coordination with other permitting agencies. All potential tasks will require an understanding of the city's roadway network and character to ensure a successful outcome. The preparation of any task will begin with a meeting with the City's project manager to verify the level of work needed and specify the goal of the project and the desired deliverable which will ensure a successful outcome. The deliverable will be forwarded in draft form to the City's project manager before the final product is formally provided to the City.

Traffic and parking studies will require a clear methodology and an understanding of the surrounding areas. Traffic operations studies typically require data collection and technical analysis. A field visit by an experienced traffic operations engineer is the key to identifying operations issues and developing buildable improvements. Traffic studies will have to meet City and County code requirements and early coordination with the County will be recommended. Parking studies, whether for office, retail, residential or schools are relatively similar but care is needed in determining the timeframe of the study and the existence of offsite

parking areas and demand characteristics of each site.

Langan understands the importance of this contract, has provided assistance and support services to the City in such capacity previously, and is aware of the requirements to satisfy the successful completion of each assignment. Our approach to this project will follow a few basic principles, to ensure the successful completion of each assignment:

- Langan will determine the level of work required, develop written scopes of work that clearly define desired deliverables and ensure that the City's needs are addressed for each task authorization
- Langan will assign experienced staff, based on the needs of the task, that are able to meet the project demands and schedules within the required budget
- Langan will provide proactive project management which will allow City staff to minimize their involvement, if desired;
- Langan will identify potential issues and verify what agencies or groups to coordinate with;
- Langan will develop realistic project schedules and project milestones that meet the City's needs and include sufficient time for City reviews and our in-house quality control procedures;
- As required, assist the City with public involvement events in order to build consensus and support for the project.

Peer Review Procedure

Langan recognizes that quality control is one of the key components to meeting project schedules and budgets. We have developed a standard peer review process for all of our projects. For traffic studies, the traffic analysis is performed by a staff engineer who also reviews his or her work. A different staff engineer reviews the draft report and analysis and reviews the data, calculations and conclusions using a Quality Control/Quality Assurance checklist. The final product is reviewed by a registered professional engineer. We find that incorporating this process directly into every project saves our clients time and money. For design projects, we employ a customized series of checks for each project to ensure that the number of submittals is kept to a reasonable number. Errors and omissions checks are conducted internally prior to the 30, 60, and 90 percent plan submittals, not simply with the

PROJECT APPROACH

final submittal. As with the traffic studies, this process saves our clients both time and money.

Availability

The availability of the staff assigned to this project will be sufficient to complete tasks assigned by the City. Mr. Kim's availability, as project manager, will be approximately 30% for this contract. However, during time periods when tasks are active for the City, Mr. Kim will be available up to 100% as necessary. Maximo Polanco's availability will be 60% for this contract.

Langan understands that the City will require immediate responsiveness regarding availability of personnel and the completion of multiple assigned tasks. We know that this is more often the case with most governmental agencies and we are committed to setting a new standard in this regard. The City will be provided the cell phone and home numbers for all Langan senior professional personnel assigned to this project, to ensure that we exceed the City's expectations.

Langan presumes that the work may be issued as individual task authorizations based on the need for General Traffic Engineering Services. As task authorizations are assigned, Langan will provide input regarding the work scope, schedule, and fee for the task. Timely completion of tasks is one of the cornerstones that Langan has built its reputation upon. We have accomplished this by working closely with our clients to develop comprehensive scopes for work needed and in developing realistic timelines based upon these scopes.

RESUMES

John P. Kim, PE, PTOE

Senior Project Manager

Traffic and Transportation Engineering & Land Development



HIGHLIGHTS

- Over 22 years of experience in traffic operations/safety
- Former Traffic Engineer with the Miami-Dade County Traffic Engineering Division
- Former Consultant to Florida Department of Transportation Traffic Operations Office District 6 (Miami-Dade & Monroe Counties)
- Former Consultant to Florida Department of Transportation Traffic Operations & Safety Office District 4 (Broward, Palm Beach, Martin, St. Lucie and Indian River Counties)

INDIVIDUAL PROFESSIONAL EXPERIENCE

City of Palm Beach Gardens Continuing Services

Served as the City's Traffic Engineer between 2006 and 2014. The professional services provided to the City included transportation planning, traffic operations, transit and parking studies and roadway/intersection design services.

Districtwide Traffic Operations General Consultant, FDOT – District Four

This project is a task work order based contract for operational analysis and includes Safety Studies, Qualitative Assessments, Signal Warrant Analysis, Intersection Analysis, Arterial Analysis, Left-turn Phase Warrant Analysis, Supplemental Tasks and Fatal Crash Reviews. Traffic data collection, GIS and signing and marking design plans are included under this contract.

Miami-Dade County Equitable Distribution Program

Managed two completed projects. The first project was a reversible lane analysis for West Flagler Street between NW 74th Avenue and NW 24th Avenue. The second project was the preparing design plans a multiuse path for Miami-Dade County Bicycle Route No. 1. This three (3) mile section of the bicycle route incorporated the design criteria for a multi-use path, bicycle lanes and shared use roadways.

Districtwide Traffic Operations & Safety, FDOT – District Six

Served as a traffic operations and safety engineering consultant for the District. Tasks were issued on a task work order basis and included performing safety studies, intersection assessments, arterial roadway assessments, field reviews, traffic data collection, crash diagrams, intersection and arterial operations and capacity analysis and associated benefit/cost analyses of various alternatives.

Continuing Consultant Services, City of Port St. Lucie, Florida

Served as the traffic consultant to review applications by developers proposing both minor and major development impacts within the City. These reviews involved evaluations of Land Use Amendments, traffic impact studies, unincorporated County lands being annexed into the City, calculations of impact, and reviews of multi-family proposed development sites.

Education

B.Sc., Industrial and Systems Engineering, Florida International University

Professional Registration

Professional Engineer in FL

Professional Traffic Operations Engineer (PTOE)

ATSSA Traffic Control Supervisor

Affiliations

Institute of Transportation Engineers, Associate Member

American Society of Civil Engineers (ASCE)

Society of Hispanic Engineers

Maximo Polanco

Staff Engineer
Traffic Engineering



6 years in the industry ~ 1 year with Langan

Mr. Polanco has five years of experience providing civil engineering construction services. He will prepare traffic impact studies, traffic signal design plans and other traffic engineering and transportation planning analyses..

Selected Projects

- Aquabella, Hialeah, FL
- Atlantico at Aquabella, Hialeah, FL,
- Brickell Preparatory Academy, Miami, FL
- Brickell World Plaza, Miami, FL
- Carrie Meek Warehouse Distribution Center, Opa-Locka, FL
- Century Parc Place, Miami, FL
- Doral Starbucks, Doral, FL
- East/West Ludlam Trail Bird Road, Miami, FL
- Gateway Medley Distribution Center, Medley, FL
- Keys Gate Lennar, Homestead, FL
- Kings Creek, Miami, FL
- Old Cutler Land, Miami, FL
- River Landing, Miami, FL
- SFI Palm Tree, Miami, FL
- SFLC Air Village, Miami, FL
- Silver Creek, Miami, FL
- Somerset Academy School HSQ, Miami, FL
- True North Academy, Miami, FL
- Turnpike Distribution Center, Miami Gardens, FL
- University Mall Redevelopment Tampa, Miami, FL
- Vilhen Estates, Miami, FL

Education

M.Sc., Civil Engineering
University of Puerto Rico, Mayaguez
Campus

B.Sc., Civil Engineering

Eric B. Schwarz, PE, LEED AP

**Principal/Vice President
Project Management, Site Engineering/Land Development,
Hydraulics & Hydrology**



24 years in the industry ~ 19 years with Langan

Mr. Schwarz has 24 years of experience in civil and environmental engineering projects. His specialization includes site/civil land development engineering, grading and earthwork optimization, master plan engineering, infrastructure assessments, sustainable design, hydraulics and hydrology, storm drainage, water distribution and sanitary sewerage conveyance design. Mr. Schwarz's experience includes design of sites for new commercial development and residential communities, construction support and coordination, environmental investigation of contaminated sites and design of remediation systems for contaminated soil and groundwater. His project locations have spanned several US States and multiple Latin American and Caribbean Countries.

Selected Projects

- Cullum Road & Banks Road Improvements, City of Coconut Creek, FL
- Deering Bay Property Owner's Association, Miami-Dade County, FL
- East Windsor Redevelopment, East Windsor, NJ
- Equity Residential, Multiple Sites Throughout Florida
- Flagler Station Warehouses, Hialeah, FL
- Forest Avenue Ramp Improvements, Bergen County, NJ
- Homestead Forestry Station Replacement, Homestead, FL
- Jersey Gardens Mall, Elizabeth, NJ
- Kohl's Department Stores throughout NJ & PA
- Lodi Retail Redevelopment - Bergen County, NJ
- Mariner Park Centre Parking Lot, Miami Gardens, FL
- Market Square Shopping Center, Hillsborough County, FL
- Miami Dolphins Water Park, Miami Gardens, FL
- Penn Regional Business Center I and III, Monroe County, PA
- Pocono Premium Outlets, Monroe County, PA
- Port Aventura, Miami, FL
- Riverdale Crossing, Riverdale, NJ
- Ryder Transportation Services, Davie, FL
- Seasons 52, City of Tampa, FL
- Silver Spring Square, Mechanicsburg, PA
- Silverspot Cinema, Coconut Creek, FL
- Smokey Bones, Luzerne County, PA
- Tampa Palms Area 3 Park and Ride, Hillsborough County, FL
- The Promenade at Coconut Creek, Broward County, FL
- Towncenter Aventura, Miami, FL
- Trademark Metals Recycling, Opa Locka, FL
- United States Border Patrol, Broward County, FL
- University of Miami Life Science Park, Miami, FL
- Whispering Woods, Chestnuthill Township, PA
- Wiles & Lyons Roads Lane Improvements, Broward County, FL
- Wilkes-Barre Township Commons, Luzerne County, PA
- ZooMiami Amphitheater, Miami-Dade County, FL

Education

B.Sc., Civil Engineering
University of Delaware

Professional Registration

Professional Engineer (PE) in NJ, NY,
PA, FL, AL, GA, TN, AR

LEED Accredited Professional
(LEED®AP)

Affiliations

International Council of Shopping
Centers (ICSC)

American Resort Development
Association (ARDA)
Resort Operations Council, 2013
Construction & Design Council,
Chairman 2010-2012
Construction & Design Council,
Vice Chairman 2009-2010
Sustainability Group Leader 2008-
2009

United States Green Building Council
(USGBC)

Panama American Chamber of
Commerce

LANGAN



GERARD OSBORNE, P.E.

Director of Traffic Engineering

HBC Tenure: 0.5 Years

Industry Experience: 33 Years

Education: B.S., Civil Engineering,
University of the West Indies, 1984
Diploma, Education University of the West
Indies, 1989

M.S., Civil Engineering, Florida State
University, 1995

Advanced Professional Certificate, Project
Management, Florida International
University, 2004

Work History:

HBC Engineering Company
Senior Traffic Engineer, *2017-Present*

Miami-Dade County Department of
Transportation and Public Works
Traffic Engineering Division, *2015-2017*

McMahon Associates, Inc., Palm Beach
Gardens, FL., *2002-2005*

Professional Registrations:
Professional Engineer, Florida-No. 81522

Office Location: Miami, FL

KEY PROJECTS

OKEECHOBEE ROAD CORRIDOR WIDE TRAFFIC
MODELING, PROJECT REFERENCE: BAO-YING WANG, 305-
470-5211, BaoYing.Wang@dot.state.fl.us: Senior Traffic Engineer
responsible for QA/QC review of an integrated Vissim microsimulation
model study that utilized Synchro for signal optimization. Duration: 2017-
ongoing

OKEECHOBEE ROAD at NW 95TH STREET WEAVING
ANALYSIS, PROJECT REFERENCE: BAO-YING WANG, 305-470-
5211, BaoYing.Wang@dot.state.fl.us: Microsimulation study of a design
option for a corridor segment to identify potential operational issues.
Duration: 2017-ongoing

COUNTYWIDE TRAFFIC DATA COLLECTION, MIAMI-DADE
COUNTY, PROJECT REFERENCE: CLAUDIA DIAZ, P.E., 305-
375-2030, cdiaz@miamidade.gov: Project Manager (Section Head) of the
Traffic Data Collection Program. Duration: 2015 – 2016

DEERFIELD BEACH CRA BEACH AREA TRAFFIC STUDY,
DEERFIELD BEACH COMMUNITY REDEVELOPMENT
AGENCY, PROJECT REFERENCE: JOHN DEPALMA, 561-840-
8650, jdepalma@mcmahonassociates.com: Project Manager for a coastal
community transportation master plan which identified future land use
demands to address mobility, safety, and special events traffic planning.
Duration: 2004

FDOT 6 DISTRICTWIDE TRAFFIC OPERATIONS AND SAFETY
STUDIES PROGRAM, FDOT DISTRICT 6, PROJECT
REFERENCE: ELIO ESPINO, P.E., 305-606-5853: Project Manager
responsible for evaluation and analysis of traffic operations and roadway
safety issues. Duration: 2003 – 2004

SR 112 MASTER PLAN, MIAMI-DADE EXPRESSWAY
AUTHORITY, PROJECT REFERENCE: MARIE DOWELL, 305-
514-3125, marie.dowell@wsp.com: Sub-Consultant to Parsons
Brinckerhoff Inc., providing traffic analysis, CORSIM microsimulation, and
data collection support services. Duration: 1999 – 2000

GERARD OSBORNE, PE
Senior Traffic Engineer



OPERATIONAL ANALYSIS SYUDY AT MDX TOLL PLAZAS, MIAMI-DADE EXPRESSWAY AUTHORITY,
PROJECT REFERENCE: JACK SCHNETTLER, P.E., 305-514-3369, jack.schnettler@atkinsglobal.com:
Transportation Engineer providing traffic analysis and data collection support services. Duration: 1995 – 1996

SR 826 CORRIDOR IMPROVEMENTS PROGRAM, MIAMI-DADE EXPRESSWAY AUTHORITY, PROJECT
REFERENCE: JACK SCHNETTLER, P.E., 305-514-3369, jack.schnettler@atkinsglobal.com: Transportation
Engineer providing operational analysis and microsimulation of alternative freeway and interchange configurations.
Duration: 1994 - 1995



ADEBAYO COKER, PE

Principal-in Charge

HBC Tenure: 10 Years

Industry Experience: 24 Years

Education: BS, Civil Engineering
Florida International University, 1992

Work History:
HBC Engineering Company
Principal-in Charge
2008-Present

Florida Department of Transportation
(FDOT) District 6
1996-2008

Professional Registrations:
Professional Engineer, Florida-No. 55322

Office Location: Miami, FL

KEY PROJECTS

OVERSAW PROJECT DEVELOPMENT AND ENVIRONMENTAL STUDIES AS DISTRICT PROJECT DEVELOPMENT ENGINEER (TASK INCLUDED DEVELOPMENT OF PD&E STUDIES, RRR SCOPING REPORT, AND TRAFFIC REPORT). Flagler Street 2nd Ave to 27th Ave (CE2), NW 74th Street from 114th to SR 826 (Noise Study), Card Sound Road (EA), I-75 from county line to SR 826 (EIS/EA), Tamiami Canal Swing Bridge (EA), Alton Road from 5th to Michigan (CE2), I-395/SR 836 PD&E (EIS), NW 138th street from NW 57th to NW 67th Avenue (SEIR), NW 42 Ct/Perimeter Road (SEIR), Krome Truck Bypass from Lucy to 296th (Pending Class of Action Determination). Numerous RRR Studies, Rickenbacker Causeway Lane Repurposing Study, NW 27th Avenue Express Bus Service Study.

DADELAND SOUTH PARKING LOT EXPANSION, MIAMI-DADE TRANSIT, PROJECT REFERENCE: ORLANDO CAPOTE, 786-469-5248: Engineer of Record for site planning for the design of the parking lot expansion with over 98 parking spaces and the existing parking lot with over 180 parking spaces. Designed paving, grading, lighting, and drainage systems. Laid out the concept plans and ADA accessibility route for the entire parking including the existing lot. Prepared drainage report, pavement design, direction driveway access design, and coordinated the dry run permitting and landscape design. Water quality attenuation was provided through exfiltration trench. Performed drainage calculation and generated drainage report. He performed the permitting process with DERM, FDOT, MDPWD and Miami Dade County Building Department. Duration: 2008 – 2009

I-95 SOUTHBOUND RIGID PAVEMENT REHABILITATION PROJECT FROM NW 103RD STREET (MP 8.823) TO NW 125TH STREET (MP 10.195), PROJECT REFERENCE: JASON CHANG, P.E., 305-470-1533, Jason.Chang@dot.state.fl.us: Project Manager for the rehabilitation of the existing concrete pavement of southbound mainline I-95 and three ramps. Responsibilities include but not limited to coordination with FDOT Maintenance and Traffic Management Center, coordination of personnel for the design activities and supervision of design of roadway and Maintenance of Traffic. Duration 2013 – 2015

NE 2ND AVENUE FROM NE 84TH STREET TO NE 91ST STREET – TOTAL RECONSTRUCTINO, PROJECT REFERENCE: PROJECT MANAGER LUIS BALDO, 305-375-2111, Baldo@miamidade.gov:

ADEBAYO COKER, PE
Principal-in Charge

Served as Lead Designer responsible for development of plans to 90%. Project included design for drainage, lighting, signalization, roadway reconstruction as well as public involvement. Duration: 2016-2017

SR 821 HEFT ROAD STREET (SUNSET DRIVE) TO SW 40TH STREET (BIRD ROAD) – SIGNALIZATION & UTILITY RELOCATIONS, FP ID Nos. 427146-1-5601 AND 42146-1-52-01 FDOT DISTRICT 6, MIAMI, FLORIDA, PROJECT REFERENCE: STEPHANIE SHARP, 407-384-4412, stephanie.sharp@dot.state.fl.us: Served as Design-Build Project Manager for signalization design and improvements for ten (10) signalized intersections. Design includes new signalization loops and assembly, new and relocated signal heads, pedestrian heads and detectors, sign panels including internally illuminated signs, video monitors, mast arms and traffic controller assembly. Also served as Project Manager for utility line relocation of 2,500 feet of 8-inch water line and 900 feet of 4-inch sewer line. Duration July 2014 – ongoing (90% plan stage)

NW 36TH STREET BRIDGE BETWEEN LEJUENE ROAD (NW 42ND AVENUE/STATE ROAD 953) AND OKEECHOBEE ROAD (US 27, STATE ROAD 25) MOT, FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT), DISTRICT 6, MIAMI-DADE COUNTY, FLORIDA, PROJECT REFERENCE: DANIEL IGLESIAS, P.E., 305-470-5289, daniel.iglesias@dot.state.fl.us: Served as Project Manager to perform MOT for the proposed bridge improvements i.e. converting the existing 4 lane bridge to 5 lane divided bridge, two lanes eastbound and three lanes westbound. FDOT plans to close the bridge to expedite the construction. Prepared the Maintenance of traffic and Detour Plans and construction documents for the roadway closure. Performed analysis of a maximum three viable detour alternatives and produced one complete set of MOT documents for the preferred MOT alternative to close NW 36th Street for a maximum of 6 months. Duration: 10/2010 – 2013

SW 147TH AVE. FROM SW 17TH STREET TO SW 26TH STREET, MIAMI-DADE PARKS & RECREATION: PROJECT REFERENCE: LYDIA SALAS, 305-755-5456, Lydia.Salas@miamidade.gov: Responsible for the design of the horizontal and vertical alignment, storm drainage system, cross sections, drainage structures for the proposed reconstruction project of 0.5 mile. Project required extensive coordination with South Florida Water Management District and DERM to acquire the environmental permits for the proposed construction. Also generated signing and pavement marking plan, lighting and traffic control plans. Duration: 6/2009 – 2014

I-595 CORRIDOR ROADWAY IMPROVEMENTS PROJECT, AECOM/FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT), DISTRICT 4, BROWARD COUNTY, FLORIDA: PROJECT REFERENCE: REY RIVAS, 305-594-0457: Performed interdisciplinary coordination of structural, geotechnical, utilities, drainage, MOT, SUE, and surveying for this Private-Public Partnership project (P3) which extends from I-75 to I-95. The project length was approximately 14 miles. Reviewed engineering design plans for roadway, utilities, drainage, ITS, signalization, structures, TCP and lighting. Coordinated and scheduled survey, geotechnical, CCTV, and SUE field activities. Oversaw project scheduling, cost estimate, weekly design meeting, permits, landscaping, roadway, ITS, Geotechnical reports, miscellaneous structures, bridge, emergency access gate design, power design plan submittal packages. Attended meeting with local municipalities and permit agencies to present project and report status. Performed public involvement and attended public meetings. Supervised design activities and coordinated personnel. Duration: 3/2009 – 2014

NW / SW 12TH AVE. FROM SW 13TH TO NW 7TH STREET, FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT), DISTRICT 6, MIAMI-DADE COUNTY, FLORIDA: PROJECT REFERENCE: HAROLD DESDUNES, 305-470-5271: Served as Project manager for a RRR Milling and resurfacing project with slope correction, drainage, traffic calming, and ADA sidewalk construction. The construction cost of the project was \$7,294,000. Responsible for the design and preparation of construction plans including roadway plans, signing & pavement marking, MOT, drainage, cross sections, signalization, grading, and traffic calming bulbouts. Duration: 8/2005 – 4/2007

Edgard A. Perez

Experience

- 2005 – Present Under Power Corp. Miami, FL
Vice President
 - Responsible to coordinate subcontractors, prepare invoices, meet with the owner and oversee construction of all signalization and street lighting systems.

- 2001 – 2005 Bermello Ajamil & Partners Miami, FL
Office Engineer
 - Verified engineering computation quantities, prepared monthly estimates of construction, maintained as-built records, prepared ledgers and handled backup documentation, assisted in preparation of Supplemental Agreements, used CQR and LIMS to certify materials used.

- 2000 – 2001 MK Centennial/Washington Group Miami, FL
Senior Roadway Inspector
 - Responsible for the roadway portion during this Miami-Dade Expressway Authority project to reconstruct one mile of the SR 836 mainline.

- 2000 – 2000 Metric Engineering, Inc Miami, FL
Construction Manager
 - Responsible to inspect all phases of construction in the City of Homestead project, for the reconstruction and widening of 1.3 mile of SW 344 St between SW 152nd Ave and SW 137th Ave. Work included the extension of existing 96" and 144" diam culverts.

- 1999 – 2000 Metric Engineering, Inc Miami, FL
Senior Roadway Inspector
 - Responsible for inspection of roadway related construction items, including the reconstruction of 7 signalized intersections, during the Calle Ocho Reconstruction Project.

- 1998 -1998 Under Power Corp Doral, FL
General Foreman/Contract Administrator
 - Drafting as-builts using TurboCAD. Preparing Submittal Data for materials to be used in the projects. Preparing C.P.M. schedules using SureTrack. Responsible for processing all correspondence and paperwork with F.D.O.T. and Prime Contractors. Responsible to coordinate meetings and inspections with F.D.O.T. and Dade County representatives. Responsible to oversee reconstruction of 7 signalized intersections and 2.2 miles of interconnect conduit on US 1 between SW 27 Ave and SW 42 Ave.

	<ul style="list-style-type: none"> 1996 -1998 American Lighting and Signalization Miami, FL Supervisor/General Foreman Prepared C.P.M. schedule for the construction of 99 intersections and over 100,000 feet of interconnect conduit. Drafted as-builts of all finished work using TurboCad. Responsible to prepare and submit C.P.M. schedule and control progress using SureTrack. Responsible for overseeing general construction of all ongoing projects.
	<ul style="list-style-type: none"> 1993 -1996 Craig A Smith and Associates Pompano, FL Project Inspector/Assistant Project Engineer Responsible for monitoring construction and making field adjustments on conduit runs, mast arm locations, controller cabinets and other traffic signal equipment in the reconstruction of 58 signalized intersections of 147 total in this F.D.O.T. project. Performed the Final Inspection, coordinated Final Acceptance with Dade County and F.D.O.T. officials, and drafted as-builts using TurboCad.
	<ul style="list-style-type: none"> 1992 -1993 Carr Smith and Associates Miami, FL Project Inspector Intense inspection and monitoring of contractor's activities to insure compliance with Dade County and State of Florida standards, during traffic signal's reconstruction in the Hurricane Andrew Relief Effort phases I and II. Kept daily records of man-hour, equipment and material used.
Education	<ul style="list-style-type: none"> Pontificia Universidad Javeriana SantaFe de Bogota, Colombia Bachelor of Science in Civil Engineering
Licenses	<ul style="list-style-type: none"> ATSSA Florida Advance Work Zone Traffic Control March 3, 2006 CTQP Earthwork Construction Inspector Level 2 May 25, 2001 CTQP Earthwork Construction Inspector Level 1 April 27, 2001 CTQP Drilled Shaft Inspection April 10-12, 2001 CTQP Pile driving Inspector June 19-21, 2000 CTQP Asphalt Paving Technician Level I May 26, 2000 FDOT Asphalt Paving Technician November 10, 1999 ACI Concrete Field Testing Technician - Grade I April 24, 1999 BOART Radiation Safety and Use of Nuclear Gauges April 20, 1995 IMSA Associate Traffic Signal Technician Level I April 19, 1993 IMSA Work Zone Safety Specialist March 2, 1993 IMSA Roadway Lighting Electrician Level I

Under Power Corp.
7900 NW 60th Street
Miami, FL 33166

Phone (305) 468-9900
Fax (305) 468-9955

Eduardo Macias

Experience	2006 – Present	Under Power Corp.	Miami, FL
	Supervisor		
	<ul style="list-style-type: none">▪ Accountable for managing the day to day preparations and installations of Internally Illuminated Street Name Signs across Miami Dade County▪ Oversaw the daily operations of Street Light Retrofit projects across Miami Dade County Safety Manager <ul style="list-style-type: none">▪ Responsible for ordering, maintaining and distributing safety supplies for field and warehouse crews. Conduct weekly safety discussions with field crews. Perform periodic crew audits to ensure safety policies are being carried out in the field.▪ Stay up to date with OSHA regulations		
	2005 – 2006	MasTec North America, Inc.	Ft Lauderdale, FL
	Risk Manager		
	<ul style="list-style-type: none">▪ Initiated and maintained records of claims throughout Broward and Miami Dade County Telecom Divisions▪ Negotiated claims for the South Florida Telecom division		
	2003 – 2004	MasTec North America, Inc.	Ft Lauderdale, FL
	Accounts Payable Clerk		
	<ul style="list-style-type: none">▪ Issued and processed purchase orders, matched receipts and sent to headquarters for payment.▪ Responsible for calculating, maintaining and reporting inventory▪ Placed orders and kept track of office supplies, inventory and field materials for Broward County offices		
Education	<ul style="list-style-type: none">▪ Florida International University▪ Bachelor of Arts in Business Administration		Miami, FL
Licenses	<ul style="list-style-type: none">▪ IMSA Work Zone Safety Supervisor Certification▪ IMSA Roadway Lighting Electrician Level I▪ Powered Industrial Truck License		

Under Power Corp.
7900 NW 60th Street
Miami, FL 33166

Phone (305) 468-9900
Fax (305) 468-9955

Rafael Nin

Experience	1993 – Present	Under Power Corp.	Miami, FL
	President		
	<ul style="list-style-type: none">Oversee day to day operations of electrical contracting company.		
	1992 – 1993	American Lighting & Signalization	Parrish, FL
	General Manager / Miami-Dade County		
	<ul style="list-style-type: none">Oversaw Miami-Dade County operations for Street Lighting and Signalization Division.		
	1988 – 1992	Horsepower Electric, Inc.	Miami, FL
	General Manager		
	<ul style="list-style-type: none">Oversaw all field operations, including, street light maintenance contracts and signalization installation contracts.		
	1987 – 1988	Active Electric, Inc.	Miami, FL
	General Superintendent / Electrician		
	<ul style="list-style-type: none">Ran field operations of electrical contractor. Had own crews and was responsible for reviewing all work prior to turning over for final inspection.		
	1986 – 1987	Gemini Electric, Inc.	Miami, FL
	Electrician		
	<ul style="list-style-type: none">Performed electrical work under the supervision of a master electrician.Responsible for commercial and residential projects.		
	1982 -1986	Classic Electric, Inc.	Miami, FL
	Electrician Helper		
	<ul style="list-style-type: none">Worked under the supervision of a journeyman electrician on commercial and residential projects		
	Licenses		
	<ul style="list-style-type: none">IMSA Work Zone Safety Supervisor CertificationIMSA Roadway Lighting Electrician Level IIMSA Traffic Signal Technician Level II		

4

Forms

LANGAN

NON-COLLUSION AFFIDAVIT

STATE OF FLORIDA)

SS

COUNTY OF MIAMI-DADE)

I, the undersigned hereby declares that the only persons or parties interested in this Proposal are those named herein, that this Proposal is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Proposal is made without any connection or collusion with any person submitting another Proposal on this Contract.

By: Cristina M. Gonzalez
Cristina M. Gonzalez, PE

Sworn and subscribed before me this

27th day of February, 2018.

Corinthia Seiler
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 5/14/2018



STATE OF FLORIDA)
) : SS
COUNTY OF MIAMI-DADE)

By: Cristina M. Gonzalez
Cristina M. Gonzalez, PE

Corinthia Seiler
NOTARY PUBLIC, State of Florida at Large

 **CORINTHIA SEILER**
Notary Public - State of Florida
My Comm. Expires May 14, 2018
Commission # FF 099219
Bonded Through National Notary Assn.

let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

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

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

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

___ There has been a proceeding concerning the conviction before a hearing of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order.)

___ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order.)

___ The person or affiliate has not been put on the convicted vendor list. (Please describe any action taken by or pending with the Department of General Services.)

Cristina M. Gonzalez
(Signature)

February 27, 2018

STATE OF Florida (Date)

COUNTY OF Miami-Dade

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Cristina M. Gonzalez, PE

(Name of individual signing)

who, after first being sworn by me, affixed his/her signature in the

space provided above on this 27 day of February, 2018.

My commission expires: 5/14/2018
NOTARY PUBLIC

Corinthia Seiler



**SWORN STATEMENT UNDER SECTION 287.133(3)(a)
FLORIDA STATUTES ON PUBLIC ENTITY CRIMES**

**THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICE
AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement is submitted with Bid, Bid or Contract No. 18-001 for
General Traffic Engineering Services
2. This sworn statement is submitted by Langan Engineering and Environmental Services, Inc.
(Name of entity submitting sworn statement)

whose business address is 15150 NW 79 Court, Suite 200, Miami Lakes, FL 33016

and (if applicable) its Federal
Employer Identification Number (FEIN) is 22-3167382 (If the entity has no FEIN,
include the Social Security Number of the individual signing this sworn statement.)
3. My name is Cristina M. Gonzalez, PE and my relationship to
(Please print name of individual signing)

the entity named above is Senior Principal/Senior VP.
4. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including but not limited to, any Bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, material misrepresentation.
5. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means
 1. A predecessor or successor of a person convicted of a public entity crime: or
 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
7. I understand that a "person" as defined in Paragraph 287.133(1)(8), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which Bids or applies to Bid on contracts for the provision of goods or services

EQUAL BENEFITS FOR DOMESTIC PARTNERS AFFIDAVIT

STATE OF Florida)
 : SS
COUNTY OF Miami-Dade)

I, the undersigned hereby duly sworn, depose and say that the firm of Langan Engineering and Environmental Services, Inc. provides benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses per City of Key West Ordinance Sec. 2-799.

By: Cristina M. Gonzalez
Cristina M. Gonzalez, PE

Sworn and subscribed before me this

27th day of February, 2018.

Corinthia Seiler
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 5/14/2018



INDEMNIFICATION

To the fullest extent permitted by law, the CONSULTANT expressly agrees to indemnify and hold harmless the City of Key West, their officers, directors, agents, and employees (herein called the "indemnitees") from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees and court costs, such legal expenses to include costs incurred in establishing the indemnification and other rights agreed to in this Paragraph, to persons or property, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONSULTANT, its Sub-consultants or persons employed or utilized by them in the performance of the Contract. Claims by indemnitees for indemnification shall be limited to the amount of CONSULTANT's insurance or \$1 million per occurrence, whichever is greater. The parties acknowledge that the amount of the indemnity required hereunder bears a reasonable commercial relationship to the Contract and it is part of the project specifications or the bid documents, if any.

The indemnification obligations under the Contract shall not be restricted in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the CONSULTANT under workers' compensation acts, disability benefits acts, or other employee benefits acts, and shall extend to and include any actions brought by or in the name of any employee of the CONSULTANT or of any third party to whom CONSULTANT may subcontract a part or all the Work. This indemnification shall continue beyond the date of completion of the work.

CONTRACTOR: Langan Engineering and Environmental Services, Inc. SEAL:

15150 NW 79 Court, Suite 200, Miami Lakes, FL 33106
Address


Signature

Cristina M. Gonzalez, PE
Print Name

Senior Principal/Senior Vice President
Title

February 27, 2018
Date

City Ordinance Sec. 2-799
Requirements for City Contractors to Provide Equal Benefits for Domestic Partners

(a) Definitions. For purposes of this section only, the following definitions shall apply:

- (1) **Benefits** means the following plan, program or policy provided or offered by a contractor to its employees as part of the employer's total compensation package: sick leave, bereavement leave, family medical leave, and health benefits.
- (2) **Bid** shall mean a competitive bid procedure established by the city through the issuance of an invitation to bid, request for proposals, request for qualifications, or request for letters of interest.
- (3) **Cash equivalent** means the amount of money paid to an employee with a domestic partner in lieu of providing benefits to the employee's domestic partner. The cash equivalent is equal to the employer's direct expense of providing benefits to an employee for his or her spouse.

The cash equivalents of the following benefits apply:

- a. For bereavement leave, cash payment for the number of days that would be allowed as paid time off for the death of a spouse. Cash payment would be in the form of the wages of the domestic partner employee for the number of days allowed.
 - b. For health benefits, the cost to the contractor of the contractor's share of the single monthly premiums that are being paid for the domestic partner employee, to be paid on a regular basis while the domestic partner employee maintains such insurance in force for himself or herself.
 - c. For family medical leave, cash payment for the number of days that would be allowed as time off for an employee to care for a spouse who has a serious health condition. Cash payment would be in the form of the wages of the domestic partner employee for the number of days allowed.
- (4) **Contract** means any written agreement, purchase order, standing order or similar instrument entered into pursuant to the award of a bid whereby the city is committed to expend or does expend funds in return for work, labor, professional services, consulting services, supplies, equipment, materials, construction, construction related services or any combination of the foregoing.
 - (5) **Contractor** means any person or persons, sole proprietorship, partnership, joint venture, corporation, or other form of doing business, that is awarded a bid and enters into a covered contract with the city, and which maintains five (5) or more full-time employees.
 - (6) **Covered contract** means a contract between the city and a contractor awarded subsequent to the date when this section becomes effective valued at over twenty thousand dollars (\$20,000).
 - (7) **Domestic partner** shall mean any two adults of the same or different sex, who have registered as domestic partners with a governmental body pursuant to state or local law authorizing such registration, or with an internal registry maintained by the employer of at least one of the domestic partners. A contractor may institute an internal registry to allow for the provision of equal benefits to employees with domestic partner who do not register their partnerships pursuant to a governmental body authorizing such registration, or who are located in a jurisdiction where no such governmental domestic partnership

registry exists. A contractor that institutes such registry shall not impose criteria for registration that are more stringent than those required for domestic partnership registration by the City of Key West pursuant to Chapter 38, Article V of the Key West Code of Ordinances.

- (8) ***Equal benefits*** mean the equality of benefits between employees with spouses and employees with domestic partners, and/or between spouses of employees and domestic partners of employees.

(b) Equal benefits requirements.

- (1) Except where otherwise exempt or prohibited by law, a Contractor awarded a covered contract pursuant to a bid process shall provide benefits to domestic partners of its employees on the same basis as it provides benefits to employees' spouses.
- (2) All bid requests for covered contracts which are issued on or after the effective date of this section shall include the requirement to provide equal benefits in the procurement specifications in accordance with this section.
- (3) The city shall not enter into any covered contract unless the contractor certifies that such contractor does not discriminate in the provision of benefits between employees with domestic partners and employees with spouses and/or between the domestic partners and spouses of such employees.
- (4) Such certification shall be in writing and shall be signed by an authorized officer of the contractor and delivered, along with a description of the contractor's employee benefits plan, to the city's procurement director prior to entering into such covered contract.
- (5) The city manager or his/her designee shall reject a contractor's certification of compliance if he/she determines that such contractor discriminates in the provision of benefits or if the city manager or designee determines that the certification was created, or is being used for evading the requirements of this section.
- (6) The contractor shall provide the city manager or his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this section, and upon request shall provide evidence that the contractor is in compliance with the provisions of this section upon each new bid, contract renewal, or when the city manager has received a complaint or has reason to believe the contractor may not be in compliance with the provisions of this section. This shall include but not be limited to providing the city manager or his/her designee with certified copies of all of the contractor's records pertaining to its benefits policies and its employment policies and practices.
- (7) The contractor may not set up or use its contracting entity for the purpose of evading the requirements imposed by this section.

(c) **Mandatory contract provisions pertaining to equal benefits.** Unless otherwise exempt, every covered contract shall contain language that obligates the contractor to comply with the applicable provisions of this section. The language shall include provisions for the following:

- (1) During the performance of the covered contract, the contractor certifies and represents that it will comply with this section.
- (2) The failure of the contractor to comply with this section will be deemed to be a material breach of the covered contract.
- (3) If the contractor fails to comply with this section, the city may terminate the

covered contract and all monies due or to become due under the covered contract may be retained by the city. The city may also pursue any and all other remedies at law or in equity for any breach.

- (4) If the city manager or his designee determines that a contractor has set up or used its contracting entity for the purpose of evading the requirements of this section, the city may terminate the covered contract.

(d) Enforcement. If the contractor fails to comply with the provisions of this section:

- (1) The failure to comply may be deemed to be a material breach of the covered contract; or
- (2) The city may terminate the covered contract; or
- (3) Monies due or to become due under the covered contract may be retained by the city until compliance is achieved; or
- (4) The city may also pursue any and all other remedies at law or in equity for any breach;
- (5) Failure to comply with this section may also subject contractor to the procedures set forth in Division 5 of this article, entitled "Debarment of contractors from city work."

(e) Exceptions and waivers.

The provisions of this section shall not apply where:

- (1) The contractor does not provide benefits to employees' spouses.
- (2) The contractor is a religious organization, association, society or any non-profit charitable or educational institution or organization operated, supervised or controlled by or in conjunction with a religious organization, association or society.
- (3) The contractor is a governmental entity.
- (4) The sale or lease of city property.
- (5) The provision of this section would violate grant requirement, the laws, rules or regulations of federal or state law (for example, the acquisition services procured pursuant to Chapter 287.055, Florida Statutes known as the "Consultants' Competitive Negotiation Act").
- (6) Provided that the contractor does not discriminate in the provision of benefits, a contractor may also comply with this section by providing an employee with the cash equivalent of such benefits, if the city manager or his/her designee determines that either:
 - a. The contractor has made a reasonable yet unsuccessful effort to provide equal benefits. The contractor shall provide the city manager or his/her designee with sufficient proof of such inability to provide such benefit or benefits which shall include the measures taken to provide such benefits or benefits and the cash equivalent proposed, along with its certificate of compliance, as is required under this section.
- (7) The city commission waives compliance of this section in the best interest of the city, including but not limited to the following circumstances:
 - a. The covered contract is necessary to respond to an emergency. b.

Where only one bid response is received.

- c. Where more than one bid response is received, but the bids demonstrate that none of the bidders can comply with the requirements of this section.
- (f) City's authority to cancel contract. Nothing in this section shall be construed to limit the city's authority to cancel or terminate a contract, deny or withdraw approval to perform a subcontract or provide supplies, issue a non-responsibility finding, issue a non-responsiveness finding, deny a person or entity prequalification, or otherwise deny a person or entity city business.
- (g) Timing of application. This section shall be applicable only to covered contracts awarded pursuant to bids which are after the date when this section becomes effective.

CONE OF SILENCE AFFIDAVIT

STATE OF Florida)
: SS
COUNTY OF Miami-Dade)

I the undersigned hereby duly sworn depose and say that all owner(s), partners, officers, directors, employees and agents representing the firm of Langan Engineering and Environmental Services, Inc. have read and understand the limitations and procedures regarding communications concerning City of Key West issued competitive solicitations pursuant to City of Key West Ordinance Section 2-773 Cone of Silence (attached).

Christina M. Gonzales
(signature)
February 27, 2018
(date)

Sworn and subscribed before me this

27th Day of February, 2018.

Corinthia Seiler
NOTARY PUBLIC, State of Florida at Large

My Commission Expires: 5/14/2018



City Ordinance Sec. 2-773. - Cone of silence.


- (a) *Definitions.* For purposes of this section, reference to one gender shall include the other, use of the plural shall include the singular, and use of the singular shall include the plural. The following definitions apply unless the context in which the word or phrase is used requires a different definition:
- (1) *Competitive solicitation* means a formal process by the City of Key West relating to the acquisition of goods or services, which process is intended to provide an equal and open opportunity to qualified persons and entities to be selected to provide the goods or services. Competitive solicitation shall include request for proposals ("RFP"), request for qualifications ("RFQ"), request for letters of interest ("RFLI"), invitation to bid ("ITB") or any other advertised solicitation.
 - (2) *Cone of silence* means a period of time during which there is a prohibition on communication regarding a particular competitive solicitation.
 - (3) *Evaluation or selection committee* means a group of persons appointed or designated by the city to evaluate, rank, select, or make a recommendation regarding a vendor or the vendor's response to the competitive solicitation. A member of such a committee shall be deemed a city official for the purposes of subsection (c) below.
 - (4) *Vendor* means a person or entity that has entered into or that desires to enter into a contract with the City of Key West or that seeks an award from the city to provide goods, perform a service, render an opinion or advice, or make a recommendation related to a competitive solicitation for compensation or other consideration.
 - (5) *Vendor's representative* means an owner, individual, employee, partner, officer, or member of the board of directors of a vendor, or a consultant, lobbyist, or actual or potential subcontractor or sub-consultant who acts at the behest of a vendor in communicating regarding a competitive solicitation.
- (b) *Prohibited communications.* A cone of silence shall be in effect during the course of a competitive solicitation and prohibit:
- (1) Any communication regarding a particular competitive solicitation between a potential vendor or vendor's representative and the city's administrative staff including, but not limited to, the city manager and his or her staff;
 - (2) Any communication regarding a particular competitive solicitation between a potential vendor or vendor's representative and the mayor, city commissioners, or their respective staff;
 - (3) Any communication regarding a particular competitive solicitation between a potential vendor or vendor's representative and any member of a city evaluation and/or selection committee therefore; and
 - (4) Any communication regarding a particular competitive solicitation between the mayor, city commissioners, or their respective staff, and a member of a city evaluation and/or selection committee therefore.
- (c) *Permitted communications.* Notwithstanding the foregoing, nothing contained herein shall prohibit:
- (1) Communication between members of the public who are not vendors or a vendor's representative and any city employee, official or member of the city commission;
 - (2) Communications in writing at any time with any city employee, official or member of the city commission, unless specifically prohibited by the applicable competitive solicitation.
- (A) However, any written communication must be filed with the city clerk. Any city employee, official or member of the city commission receiving or making any written communication must immediately file it with the city clerk.

- (B) The city clerk shall include all written communication as part of the agenda item when publishing information related to a particular competitive solicitation;
 - (3) Oral communications at duly noticed pre-bid conferences;
 - (4) Oral presentations before publically noticed evaluation and/or selection committees;
 - (5) Contract discussions during any duly noticed public meeting;
 - (6) Public presentations made to the city commission or advisory body thereof during any duly noticed public meeting;
 - (7) Contract negotiations with city staff following the award of a competitive solicitation by the city commission; or
 - (8) Purchases exempt from the competitive process pursuant to section 2-797 of these Code of Ordinances;
- (d) *Procedure.*
- (1) The cone of silence shall be imposed upon each competitive solicitation at the time of public notice of such solicitation as provided by section 2-826 of this Code. Public notice of the cone of silence shall be included in the notice of the competitive solicitation. The city manager shall issue a written notice of the release of each competitive solicitation to the affected departments, with a copy thereof to each commission member, and shall include in any public solicitation for goods and services a statement disclosing the requirements of this ordinance.
 - (2) The cone of silence shall terminate at the time the city commission or other authorized body makes final award or gives final approval of a contract, rejects all bids or responses to the competitive solicitation, or takes other action which ends the competitive solicitation.
 - (3) Any city employee, official or member of the city commission that is approached concerning a competitive solicitation while the cone of silence is in effect shall notify such individual of the prohibitions contained in this section. While the cone of silence is in effect, any city employee, official or member of the city commission who is the recipient of any oral communication by a potential vendor or vendor's representative in violation of this section shall create a written record of the event. The record shall indicate the date of such communication, the persons with whom such communication occurred, and a general summation of the communication.
- (e) *Violations/penalties and procedures.*
- (1) A sworn complaint alleging a violation of this ordinance may be filed with the city attorney's office. In each such instance, an initial investigation shall be performed to determine the existence of a violation. If a violation is found to exist, the penalties and process shall be as provided in section 1-15 of this Code.
 - (2) In addition to the penalties described herein and otherwise provided by law, a violation of this ordinance shall render the competitive solicitation void at the discretion of the city commission.
 - (3) Any person who violates a provision of this section shall be prohibited from serving on a City of Key West advisory board, evaluation and/or selection committee.
 - (4) In addition to any other penalty provided by law, violation of any provision of this ordinance by a City of Key West employee shall subject said employee to disciplinary action up to and including dismissal.
 - (5) If a vendor is determined to have violated the provisions of this section on two more occasions it shall constitute evidence under City Code section 2-834 that the vendor is not properly qualified to carry out the obligations or to complete the work contemplated by any new competitive solicitation. The city's purchasing agent shall also commence any available debarment from city work proceeding that may be available upon a finding of two or more violations by a vendor of this section.
- (Ord. No. 13-11, § 1, 6-18-2013)

5

Licenses

LANGAN

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


Langan Engineering And Envir Svcs Inc
15150 NW 79TH COURT
STE. 200 PARKSIDE CORPORATE CENTER
MIAMI, FL 33066

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
Langan Engineering And Envir Svcs Inc

 **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: 228201908119 R CA Lic. No: 6601


State of Florida
Department of State

I certify from the records of this office that LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC. is a New Jersey corporation authorized to transact business in the State of Florida, qualified on March 16, 1993.

The document number of this corporation is F93000001369.

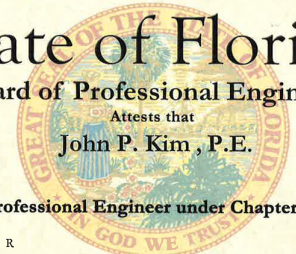
I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 5, 2018, and that its status is active.

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

 *Ken Detjen*
Secretary of State

Tracking Number: C3389894868
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

State of Florida
Board of Professional Engineers
Attests that
John P. Kim, P.E.

 **FBPE**
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201908119 R **P.E. Lic. No: 62400**



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

July 25, 2017

Roger Archabal, Principal
LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING AND LANDSCAPE
ARCHITECTURE, DESIGN PROFESSIONAL CORPORATION
15150 NW 19th Court, Suite 200
Miami Lakes, Florida 33016

Dear Mr. Archabal:

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 6 - Traffic Engineering and Operations Studies
 - 6.1 - Traffic Engineering Studies
 - 6.2 - Traffic Signal Timing
- Group 7 - Traffic Operations Design
 - 7.3 - Signalization
- Group 9 - Soil Exploration, Material Testing and Foundations
 - 9.1 - Soil Exploration
 - 9.4.1 - Standard Foundation Studies
 - 9.4.2 - Non-Redundant Drilled Shaft Bridge Foundation Studies
- Group 13 - Planning
 - 13.5 - Subarea/Corridor Planning
 - 13.7 - Transportation Statistics

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>	Facilities Capital Cost <u>of Money</u>	Overtime <u>Premium</u> Reimbursed	<u>Direct Expense</u>
Indirect Cost	190.38%	159.98%	1.126%		11.55% (Home) 37.27% (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,

A handwritten signature in blue ink that reads "Carliayn Kell". The signature is written in a cursive, flowing style.

Carliayn Kell
Professional Services
Qualification Administrator