



**Response to RFQ #15-12  
Cutler Bay Town Center –  
HVAC Equipment and Controls  
(Design, Bidding and Construction Management Services)**



Respondent:  
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November 5, 2015

**Town of Cutler Bay**

10720 Caribbean Blvd. Suite 105

Cutler Bay, FL 33189

Attn: Town Clerk

Re: HVAC Equipment and Controls RFQ #15-12  
Design, Bidding, and Construction Management Services

Dear Sirs:

Finding the right engineer is not an easy task. You need to look for the right mix of expertise and qualifications to select the consultant that will be able to handle your challenging project. At the same time, you are looking for someone that is able to listen to your concerns and address your questions with flexibility.

We, at TLC Engineering for Architecture (TLC), are very interested in being your trusted advisor and assisting you in this project. Our strong experience in energy performance, mechanical system upgrade and LEED consulting are the key differentiations that make our team the most qualified for this project.

Your project is very challenging and our Mechanical Project Engineer has already evaluated the situation and has a plan of action. The Cutler Bay Town Center requires the building to remain operational during business hours throughout the entire length of the renovation. This could be accomplished through careful planning/phasing and design. One of the challenges that may arise during the design is to provide redundancy for the supply fan. Due to space constraint in the existing mechanical room and the way the custom HVAC system is set up, providing an additional fan and incorporating the changes with minimal downtime can be proved challenging but not impossible.

Our goals for this project are to avoid any future re-occurrence of fan failure and design a more efficient and reliable HVAC system for the Town Center. We understand that with these changes you will be able to serve your tenants better and take an important step in adding value to your property.

We have carefully selected the most qualified team to provide the services requested in the Request for Qualifications. Our proposed team consists of experienced engineers that dedicate their day-to-day activities working with public institutions, equipment replacements, Energy and LEED Certification. We look forward to working with you and hope to have the opportunity to present our qualifications in person.

Best regards,

TLC Engineering for Architecture, Inc.

A handwritten signature in blue ink, appearing to read 'Erick Gonzalez', is written over the printed name.

Erick Gonzalez, PE, LEED AP, CxA

Principal/Director of South Florida Operations

**Town of Cutler Bay  
RFP #15-12**

**Cutler Bay Town Center  
HVAC Equipment and Controls  
(Design, Bidding and Construction Management Services)**

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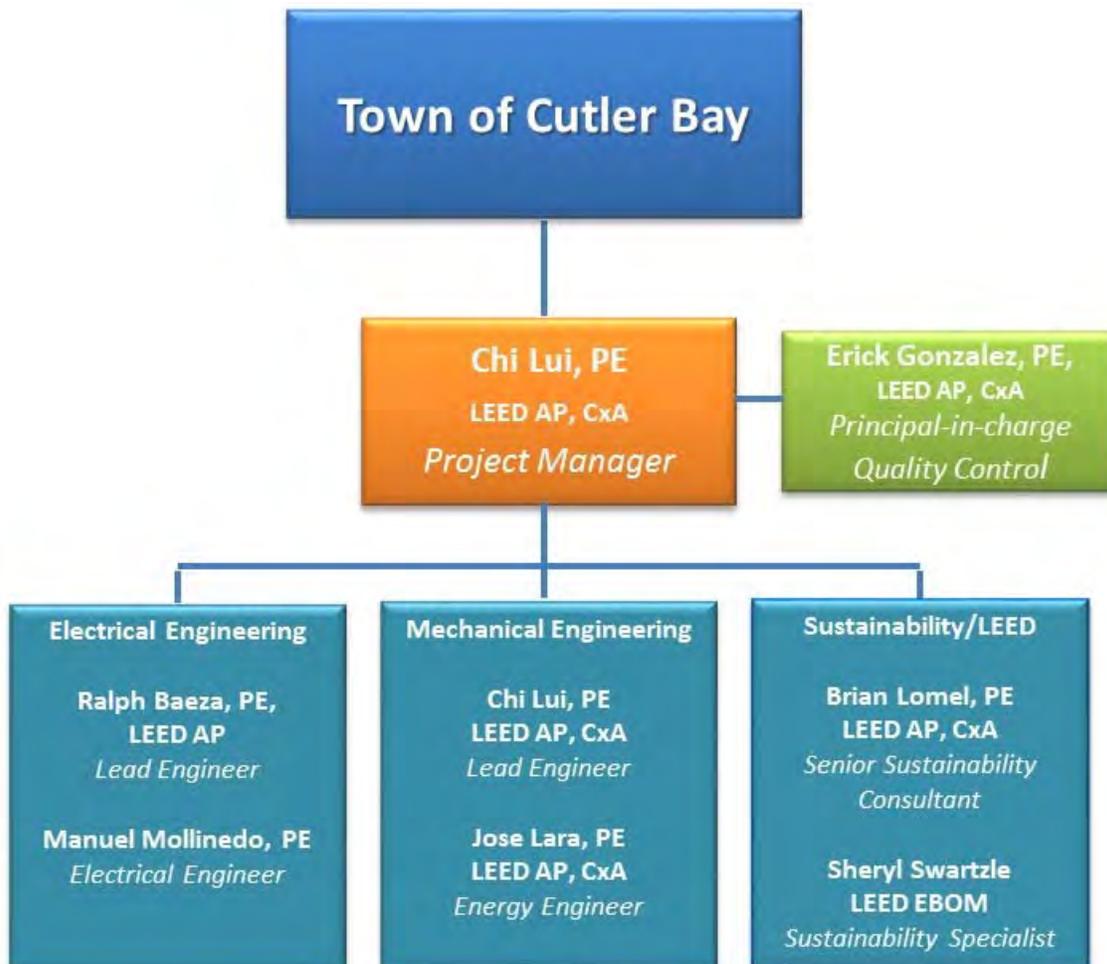
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**Organizational Chart**

We have assembled a team of experts that is able to cover every aspect of the project. The Director of the South Florida Operations, Erick Gonzalez, will be the Principal-in-Charge for the project overseeing the overall project approach and engineering design. Our Project Manager, Chi Lui, will be your day-to-day contact and he'll guide the team in the right direction making sure that your quality expectations are met. At the same time, he will keep continuous communication with the Town of Cutler Bay's team to make implementation decisions in a timely manner.

Chi Lui will be supported by a team of engineers in each discipline who have extensive experience with existing building renovations and equipment replacement. Ralph Baeza will oversee the electrical engineering effort and work together with Manuel Mollinedo to provide the necessary support to the HVAC design. Jose Lara will support Chi Lui for HVAC and controls as well as energy consumption recommendations. Our Sustainability/LEED team will be in charge of evaluating the project for potential LEED registration and certification as it was expressed during the Pre-RFQ meeting. Brian Lomel will oversee the LEED certification approach and Sheryl Swartzle will be ready to implement the LEED strategies and guide you through the process of LEED EBOM certification.

The team is available to start working on this project immediately. An average of 40% of their time will be dedicated to this project.



### History of the firm

Founded in 1955 and consistently ranked as one of the largest engineering and energy services firms in the country, TLC Engineering for Architecture, Inc. (TLC) is an industry leader in delivering high-performance building design, energy and consulting services on a wide array of building types, including municipal offices, public safety, educational and healthcare facilities.

**BUILDING DESIGN  
+ CONSTRUCTION**  
**2014 GIANTS 300 RANKINGS**  
**#19 Healthcare Engineering**  
**#23 Engineering**

Headquartered in Orlando, Florida, TLC has 300 professionals located in 11 offices throughout the southeast, including seven offices in Florida. We will manage this project from our Miami office. Our locally sourced team has the knowledge, experience and relationships to assure the completion of quality, well-coordinated HVAC engineering design.

TLC's commitment to sustainability and energy efficient buildings is exemplified by our 280+ LEED certified projects, including the Village of Palmetto Bay, Citizen and Immigration Services Offices in several locations and Broward County Performing Arts Center.

We bring the expertise needed to identify and implement efficient operation of existing buildings gained from successfully performing dozens of ASHRAE Level 1 through Level 3 energy audits and retro-commissioning of facilities.

### History of our team

**Erick Gonzalez**, our Principal-in-charge, has more than 20 years of experience. He joined TLC almost 5 years ago and manages the Miami and Deerfield Beach offices. Erick has experience in different type of markets with an emphasis in office spaces and hospitality projects. He has worked with several public clients including City of Miami Beach, City of Coral Springs, Miami-Dade County and Broward County. His experience in mechanical engineering includes all size of projects, from the Terminal 1 Renovations at Fort Lauderdale Airport to HVAC upgrades and humidity control at the Broward County Medical Examiner's Building.

**Chi Lui**, the Project Manager for the team, has more than 16 years of experience in HVAC System Design for educational, commercial, judicial and institutional facilities. He also has performed several energy analysis studies and energy efficiency design review for new and existing facilities. Chi has provided energy analysis services and commissioning services at the Defense Commissary Agency (DeCA). In the past few years, he developed a Tri-service Energy Tool – ASHRAE 90.1 Baseline Energy Models – creating a baseline energy models for 14 different types of buildings in the different ASHRAE climate zones, which amount to over 700 energy models for Naval Facilities Engineering Command (NAVFAC) multiple solicitations. His current projects include the Fort Lauderdale Terminal 1 Renovations and miscellaneous services at the City of Miami Beach.

**Jose Lara**, our Energy Engineer, looks at buildings in a different way. He sees beyond the obvious; he understands buildings and analyzes their operations looking for their most efficient way to work. His experience in multiple types of buildings makes him a creative and innovative engineer that will always find the right solution. Jose has more than 17 years of experience working in HVAC engineering design and energy analysis. Jose's previous and current experience includes commissioning and assessment projects at Miami-Dade College as well as equipment replacement projects for the City of Miami Beach.

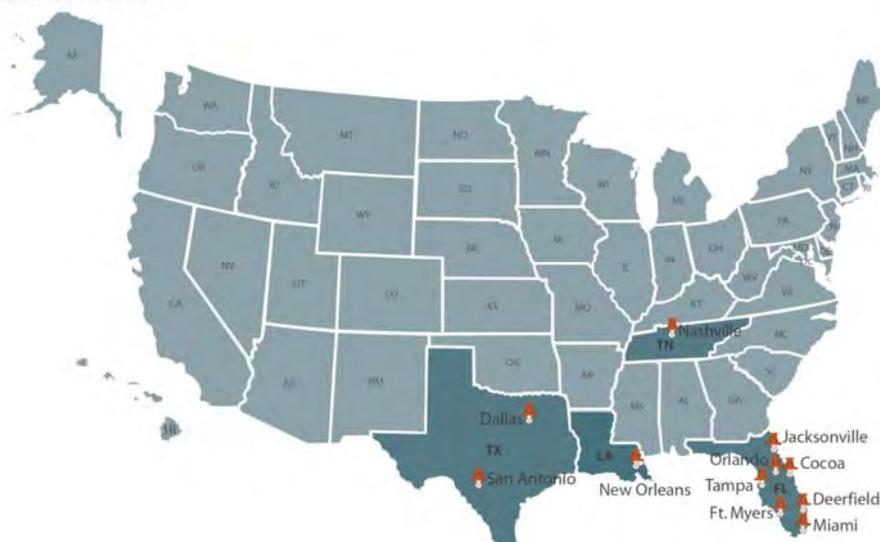
**Ralph Baeza**, Senior Electrical Engineer for this project, has 33 years of experience with all phases of electrical engineering. Ralph has a thorough understanding of all electrical systems and their interaction with HVAC systems and operations. He has worked in several projects supporting the mechanical systems, as necessary. He sees the big picture and guides the team to the right approach to anticipate any challenges that they project may have. Ralph is also the leader of the Electrical Department in Miami and Deerfield Beach and is constantly mentoring the junior staff and promoting teamwork. Ralph's project include large office spaces like American Express Headquarters and lighting renovations at parks and parking lots for public institutions.

**Manuel Mollinedo** is an Electrical Engineer with more than 10 years of experience. He is experienced in renovations to existing buildings including 701 Brickell and 800 Brickell. He has also performed engineering assessments to the City of Miami Beach and Miami-Dade College. He has also provided electrical engineering design services for multiple renovations at K-12 facilities for Miami-Dade Public Schools.

**Brian Lomel**, Senior Sustainability Consultant, brings 26 years of experience in all phases of mechanical engineering analysis and design for efficient systems and sustainability. His astute technical knowledge of building systems blended with his strong commitment to common sense sustainability and out-of-the-box creativity has resulted in simple, elegant and sustainable solutions for numerous buildings across the southeast and Florida. He is a strong believer in understanding the processes and operations that will occur in a facility before solving the sustainability challenges. Advancing designs to address the high humidity and temperatures common in the southeast, looking at a facility from a holistic viewpoint and balancing first costs with life cycle costs makes Brian an exceptional engineer.

**Sheryl Swartzle**, Sustainability Specialist, has worked in the engineering field for 13 years as project coordinator and, for the last five years, as LEED Administrator. Her in-depth knowledge of LEED NC and LEED EBOM credit requirements has guided numerous projects to successful LEED certification. Sheryl understands the LEED process and knows the parameters considered for evaluating each credit and achieve approval. She has worked with several teams, from owner to contractor, guiding them through green strategies to credit approval. Sheryl has several LEED Certified projects under her portfolio including 701 Brickell LEED EBOM Gold Certified and Village of Palmetto Bay Municipal Complex LEED NC Platinum Certified.

*TLC Office Locations*





**H. ERICK GONZALEZ, PE, LEED AP, CxA**  
*Principal / Director of South Florida Operations*

**Experience**

Erick successfully manages two TLC offices with senior and junior engineers and additional support staff. He has extensive engineering management experience and specializes in the design of complex HVAC systems, including controls, plumbing and fire protection systems. As a LEED Accredited Professional, he is a specialist in integrated building practices and a pioneer in indoor air quality. Erick excels in providing environmentally friendly, innovative and cost effective solutions for high performance HVAC designs. He has worked on numerous types of judicial, commercial, airports, and state and local government facilities. His specialty is the mechanical design of large scale mixed used developments. Selected relevant projects include:

**Miami Dade College Continuing Services, Miami, Florida**

Provided mechanical, electrical, plumbing and fire protection engineering for miscellaneous services. Some of the projects included: AHU replacements at North campus, air cooled chiller addition at Kendall campus, electrical and mechanical upgrades to the Lehman Theater, HVAC upgrades at Bldg. 1000 in Kendall, chiller upgrade at Wolfson campus. Other services included LEED Administration and Fundamental Commissioning for the Culinary Arts Center and the Student Services Center. \$5 million

**City of Miami Beach Continuing Services, Miami Beach, Florida**

**Fire Station #4 Assessment and HVAC Upgrades** – Detailed site investigation and analysis of HVAC and electrical systems. Implementation of new sequence of operation for new air handling units for humidity control and energy code compliance.

**Police Station HVAC Renovations** – Replacement of variable frequency drives for all air handling units. Replacement of all VAV boxes in the building. Provide engineering design services for retrofitting existing pneumatic controls with new digital controls. Provide sequence of operations for all HVAC systems and equipment in the building.

**City of Coconut Creek Public Works Building, Coconut Creek, Florida**

New two-story Public Works administration building includes EOC, Dispatch, 911 Call Center and emergency response administrative spaces. N+1 systems, standby power for the building and sustainable design elements. Relocation and reconnection of site infrastructure including fiber optics and data services. Certified LEED NC 2009 Silver. \$7 million / 22,000 sf



**Education**

*University of Havana*  
 B.S., Mechanical Engineering  
 1994

*Florida International University*  
 M.S., Engineering-Construction  
 Management  
 2008

**Years of Experience**

TLC Years 4  
 Prior Years 16

**Registrations**

PE FL # 53848

**Professional Affiliations**

*United States Green Building Council*  
*American Society of Heating*  
*Refrigeration and Air Conditioning*  
*Engineers*  
*National Fire Protection Association*



**CHI SEEN LUI, PE, LEED AP, CxA, CEM**  
**Mechanical Project Engineer**

**Experience**

Chi Lui has more than 16 years of experience focused on the evaluation of project mechanical requirements and selection of appropriate systems, system design and coordination of design work, commissioning, technical support and quality assurance. He has developed life-cycle cost analysis for HVAC system alternatives to select the most efficient system that meets energy and sustainability goals. In addition to design, he has also overseen HVAC, plumbing and fire protection systems installation, project management, project coordination, construction administration and equipment start up.

**City of Miami Beach Senior Center, Miami Beach, Florida**

The project consists of the professional engineering assessment and evaluation services of the existing heating and cooling systems and equipment. Perform site investigations and analysis of existing building HVAC. Analyze the condition and capacity of existing HVAC systems and their ability to maintain appropriate comfort conditions. Provide written report of findings and recommendations on necessary corrective actions including probable cost estimates for our recommendations.

**Weston Business Center Assessment, Weston, Florida**

The project consists of review the previous property condition assessment report and evaluation of existing conditions of the property and the layout of the MEP systems and associated structure. Provide an inventory of the existing equipment present at the site and write a report indicating review of tenant restoration and cost estimates.

**Fort Lauderdale-Hollywood International Airport - Terminal 4 Gate Replacement, Hollywood, Florida**

Terminal 4 expansion and renovation includes a TSA communications center, intrusion detection systems and new Voice-Data and Security systems tied into the master airport systems. \$150 million / 490,000 sf

**Defense Commissary Agency Headquarters HVAC Re-Commissioning, Fort Lee, Virginia**

Energy Auditor and Commissioning Agent. Performed re-commissioning energy analysis services at the DeCA Headquarters building, identified and implemented improvements to new and existing systems to ensure the systems and controls are operating efficiently. Chillers, pump and controls, cooling towers, AHU and VAV boxes are all energy consuming systems that were re-commissioned (*experience previous to TLC*)



**Education**

University of Florida  
B.S., Mechanical Engineering  
1999

**Years of Experience**

TLC Years <1  
Prior Years 16

**Registrations**

PE FL # 61748

**Professional Affiliations**

ASHRAE, Associate Member



**JOSE LARA GOMEZ, PE, LEED AP, CxA**  
**Project Energy Engineer/Mechanical Engineer**

**Experience**

Jose brings more than 17 years of experience in heating, ventilation, and air-conditioning systems with a strong focus on energy conservation, sustainability principles and measures. He has a solid technical knowledge of central cooling and heating plants, building automation systems and practical HVAC systems experience to meet the specific requirements of a variety of geographical locations. Jose is highly proficient in energy modeling and lifecycle cost analysis. He has participated in several energy optimization projects including evolution of consumption of clients, energy savings paths and energy management reporting. His experience includes energy performance contracts for multiple federal agencies including NAVFAC, USACE, VA and GSA. Selected relevant projects include:

**701 Brickell Energy Improvements, Miami, Florida**

Energy retro-fit and pursuit of LEED EBOM certification for a 25-year old, 740,000 sf building. The project won the BOMA Southeast U.S. Regional 2011 TOBY Earth Award, the BOMA South Florida 2011 TOBY Earth Award, USGBC South Florida Chapter's LEED EBOM Project of the Year, and was Certified LEED EBOM in April 2010. \$1.75 million. In 2011, the owner decided to pursue LEED EBOM Gold certification (v3). Building management and TLC Engineering worked hand-in-hand to achieve this goal. Retro-Commissioning, water metering, IAQ I-BEAM compliance were a few of the initiatives that led to the project being **Certified LEED EBOM Gold** in July of 2013. P/FP/LEED Administration & Documentation/Retro-Cx

**Four Seasons Hotel Commissioning, Miami, Florida**

Assessment and documentation of mechanical issues to improve performance of the building. Some of the improvements include provide air-conditioning to two floors currently being used as mechanical floors, replacement of eight existing chilled water dedicated outside air units serving the corridors with water source heat pumps, implemented maintenance (HOTSOS) software and troubleshooting/2013

**Mandarin Oriental Hotel Retro Commissioning, Miami, Florida**

Retro-Commissioning the core HVAC and domestic water systems in the Mandarin Oriental located at 500 Brickell Key Miami, Florida. Scope of work included to conduct performance evaluation for 26 AHU, performance test for 9 pumps, performance evaluation for 3 chillers, 3 cooling towers, set max and min set point for 20 VAV terminals. Testing procedures included test and balance and data loggers. Our report included all field data, observations and recommendations as necessary.



**Education**

*University of Havana, Cuba*  
*B.S., Mechanical Engineering*  
*1994*

**Professional  
Registration**

*PE Florida #70689*  
*LEED AP BD+C #10117053*

**Professional Affiliations**

*ASHRAE*  
*USGBC*  
*Certified Commissioning Authority*  
*(CxA)*



**RALPH BAEZA, PE, LEED AP**  
*Principal/Senior Electrical Engineer*

**Experience**

Ralph is a registered professional engineer with over twenty five years of experience, in all aspects of electrical engineering, project management and design in the building construction industry. His background with engineering systems encompasses high, medium and low voltage power, normal and emergency power, lighting, fire alarm, telephone, television, public address, security, lighting protection, environmental control and building management for residential, commercial, institutional and industrial buildings. He is an astute troubleshooter and problem solver with the vision to develop and implement successful action plans. Selected relevant projects include:

**DMA Robert A. Ballard National Guard Amory - Chiller & AHU Replacement, Miami, Florida**

Design included new high efficiency air cooled chiller rated at 90 tons, including across-the-line starter with single point non-fused disconnect switch, coated condenser coils for added life expectancy. Design included replacement of pumps, pipes, valves, and fittings. Three new air handlers to match existing configuration were designed and rated at 90 Nominal tons with high efficiency motors, non-corrosive drain pans, and vibration isolation.

**Miami Dade College Continuing Services, Miami, Florida**

Provided mechanical, electrical, plumbing and fire protection engineering for miscellaneous services. Some of the projects included: air handling units replacements at North campus, air cooled chiller addition at Kendall campus, electrical and mechanical upgrades to the Lehman Theater, HVAC upgrades at Bldg. 1000 in Kendall, chiller upgrade at Wolfson campus. Other services included LEED Administration and Fundamental Commissioning for the Culinary Arts Center and the Student Services Center. \$5 million

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**Education**

*Universidad Nacional Autonoma de Honduras*

*B.S., Electrical Engineering*  
 1984

*Universidad Nacional Autonoma de Honduras*

*B.S., Industrial Engineering*  
 1984

*Universidad Nacional Autonoma de Honduras*

*M.B.A., Degree Specialty*  
 1991

*Liberty University*

*Ph.D, Ministry*  
 2013

**Years of Experience**

*TLC Years 8*  
*Prior Years 25*

**Registrations**

*PE # 42641*

**Professional Affiliations**

*National Society of Professional Engineers (NSPE), 1990*  
*Institute of Electrical and Electronics Engineers (IEEE), 1981*  
*USGBC*

Project	Duration of Contract	Scope of Services	Type of contract	Accomplishments	Reference
UM Alumni Center	2006-2010	MEP design for a four-story alumni center for a total of 67,000 sf	Fee based	LEED Certification	Rolando Conesa, MGE 305-444-0413/ rconesa@mgearchitects.com
Miami Dade Health Central Facility	2006-2010	MEP design for a four-story medical building including for a total of 60,000 sf	Fee based	Coordination with multiple stakeholders	Rolando Conesa, MGE 305-444-0413/ rconesa@mgearchitects.com
DMA Robert A Ballard National Guard Army	2010-2011	Electrical engineering for new high efficiency air cooled chiller including replacement of pumps, pipes, valves and fittings	Fee based	High efficiency system	Daphne Gurri, Gurri Matute 305-661-0069/dgurri@gurrimatute.com
Miami Dade College Culinary Institute	2008-2011	LEED consulting, Administration and Commissioning for a nine-story academic building with teaching labs and a full-service restaurant	Fee based	LEED Certification	Gloria Garzon, MDC 305-237-0561/ggarzon@mdc.edu
FMU Student Housing	2010 - 2011	MEP Design for a four-building housing complex with a total of 680 rooms	Fee based	Met fast track schedule	Richard Heisenbottle, RJHA 305-446-779/richard@rjha.net
YMCA South Dade	2009-2011	MEP design for a two-story recreation center	Fee based	Overcame schedule challenges	Judy Carty, Carty Architecture 305-536-7555/ jcarty@cartyarchitecture.com
Broward County Chiller Replacement	2010-2012	HVAC and Electrical Design for the replacement of the backup water air cooled chiller	Fee based		Donna Grace, EAC 305-265-5444/ dgrace@eacconsult.com
Coconut Creek Public Works Building	2011-2012	MEP/FP and Commissioning for 2-story 22,000 sf public safety building	Fee based	LEED Certification	Abbas Zackria, WZA 954-522-4123/abbas@wza-architects.com
701 Brickell Energy Renovations	2009-2013	Energy retro-fit and retro-commissioning in pursuit of LEED EBOM Certification.	Fee based	LEED Certification	Marj Bains, JLL 305-423-4701/amarjit.bains@am.jll.com
UM Alumni Center Fit Out	2012 - 2014	MEP design, LEED Consulting and Commissioning for a 27,000 office space fit out at the third and fourth floor	Fee based	LEED Certification	Rolando Conesa, MGE 305-444-0413/ rconesa@mgearchitects.com
Miami Center for Architecture & Design	2012-2014	MEP/FP for the AIA Miami offices in downtown Miami	Pro bono	Coordination with multiple stakeholders	Cheryl Jacobs, AIA Miami 305-448-7488/cheryl@aiamiami.org
Broward County Performing Arts Center	2011-2014	LEED Consulting, Administration and Commissioning for the Huizenga Pavilion	Fee based	LEED Certification	Ben Marcioneck, Wilson Butler 617-720-7127/bm@wilsonbutler.com
Miami Dade College Continuing Services	2010-2014	MEP/FP engineering for AHU replacements, air cooled chiller addition, equipment upgrades	Fee based	Contract renewal due to good performance	Gloria Garzon, MDC 305-237-0561/ggarzon@mdc.edu
Brickell City Center	current project	MEP/FP Engineering for two 34-story 455 unit residential towers	Fee based	Fast Track project	Sherri Gutierrez, Arquitectonica 305-372-1812/ sgutierrez@arquitectonica.com
TD Bank Miami	2012-2013	Fundamental Commissioning	Fee based	LEED Certification	Ilker Uzun, RRW 954-428-9361/ilker.uzun@rrw-architects.com
TD Bank Deerfield Beach	2012-2013	MEP/FP and Commissioning	Fee based	LEED Certification	Ilker Uzun, RRW 954-428-9361/ilker.uzun@rrw-architects.com

Project	Duration of Contract	Scope of Services	Type of contract	Accomplishments	Reference
City of Miramar Police Headquarters	2012- to date	MEP/FP for the Design Criteria Package	Fee based	Awarded Commissioning	Abbas Zackria, WZA 954-522-4123/ abbas@wza-architects.com
Coral Springs Municipal complex	current project	MEP/FP for a 275,000 municipal building	Fee based	Handle multiple disciplines	Robert Castrovinci, Song 561-655-2423/ rcastrovinci@songandassociates.com
Equinox Spa	current project	MEP/FP and Technology for a 4-level 33,500 sf luxury spa	Fee based	Adjust to main building schedule	Yenny Calabrese, HOK 786-497-4836/ yenny.calabrese@hok.com
Port Everglades Terminal 4	current project	LEED Administration and Commissioning for a 90,000 sf cruise terminal	Fee based	LEED Certification	Dick Slater, Moss & Associates 954-524-5678/ dslater@mossemail.com
Wellington Tennis and Community Center	2013-to date	MEP/FP for 27,000 sf Community Center and tennis center	Fee based	N/A ongoing project	Robert Castrovinci, Song & Assoc. 561-655-2423/ rcastrovinci@songandassociates.com
FMU Athletic and Wellness Center	2013-to date	MEP/FP for a 2-story 47,000 sf wellness center	Fee based	N/A ongoing project	Charles Nyarko, Nyarko Architects 305-820-3555/ cn@nyarkoarchitects.com
American Express HQ	current project	MEP/FP for a 400,000 sf office complex	Fee based	Energy conservation strategies	Carlos Chiu, P+W 305-569-1333/ carlos.chiu@perkinswill.com
City of Miami Beach Continuing Services	current project	MEP/FP for various engineering assessments and equipment replacement projects	Fee based	Energy upgrade recommendations	Martha Fernandez, City of Miami Beach 305-673-7071/ marthafernandez@miamibeachfl.gov
Mana Wynwood Core and Shell	current project	MEP/FP, LEED and Commissioning services 8-story mixed use building	Fee based	Energy conservation strategies	Gus Berenblum, BBA 305-573-9983/gb@bbamiami.com
Mandarin Oriental Retro-Commissioning	4/2015- to 6/2015	Commissioning of HVAC and domestic water systems	Fee based	Achieved energy savings	Oscar Cardona, Mandarin Hotel 305-913-8288/ ocardona@mohg.com
Broward County Public Library AHU	current project	Mechanical Engineering to resolve HVAC issues	Fee based	N/A ongoing project	Donna Grace, EAC 305-265-5444/ dgrace@eacconsult.com
Broward County Judicial Complex Chiller	current project	MEP/FP for the replacement of electrical generators	Fee based	N/A ongoing project	Donna Grace, EAC 305-265-5444/ dgrace@eacconsult.com
Tamarac Fire Station 78	current project	MEP/FP, LEED and Commissionign for a new singe-story fire station	Fee based	N/A ongoing project	Pete Ganci, West Architecture 561-588-2027/pganci@west-arch.com
Miami Springs Aquatic Facility	current project	MEP/FP for new single-story aquatic facility	Fee based	N/A ongoing project	Ana Alleguez, Alleguez Architecture 305-461-4001/ ana@alleguezarchitecture.com
FLL Terminal 4 FIS Expansion	current project	Mechanical and Technology engineering for FIS expansion	Fee based	Coordination with electrical sub-consultant	Paul Pannier, ACAI 954-484-4000/ ppannier@aecmworld.com



**SUNRISE PUBLIC SAFETY BUILDING AND  
FIRE STATION #72  
SUNRISE, FLORIDA**



Together, the Public Safety Building and the Fire Station provide the City with a secure, storm-hardened, technologically sophisticated command center for police and fire rescue services. The five-story Public Safety Building houses the entire operations of the police department's 300 employees and includes a joint-use Broward County/City of Sunrise 911 Communications Center, Municipal Emergency Operations Center (EOC), city-wide Management Information Services (M.I.S.) data center, an indoor, eight-lane firing range, law enforcement command vehicle storage and fire-rescue administration/training facilities.

Fire Station #72 is a two-story, four-bay building adjacent to the Public Safety Building and the two buildings share a 4,900 sf central energy plant that provides 100% redundancy to all critical infrastructure components through two 1-megawatt diesel generators and parallel switching gear. Dual water-cooled chillers with a variable air volume (VAV) system support the two buildings, providing a comfortable climate for safety

personnel while computer room air conditioning (CRAC) units provide the proper environmental conditions in information technology (IT) rooms on the third and fifth floors of the Public Safety Building. The IT rooms are also equipped with clean agent fire protection systems.

Economic conditions benefitted the project through an advantageous bidding climate and created challenges due to reduced tax revenues. TLC's experience on numerous prior public safety complexes led to cost-efficient solutions while providing a technologically advanced facility for the future of Sunrise.

**TLC Services**

Mechanical Electrical Plumbing  
Fire Protection Audio-Visual Voice-  
Data Security

**Architect**

*Architects Design Group  
(ADG) Winter Park,  
Florida*

**Owner**

*City of Sunrise  
Sunrise, Florida*

**Constructor**

*Stiles Corporation  
Ft. Lauderdale, Florida*

**Major  
Components**

*Emergency  
Operations Center Firing  
Range  
911 Center  
Data Center*

**Project Size**

*Public Safety Building:  
114,000 square feet  
Fire Station: 19,000  
square feet*

**Construction Cost**

*\$32.5 Million*

**Completion Date**

*2011*

**VILLAGE OF PALMETTO BAY MUNICIPAL CENTER**  
**Palmetto Bay, Florida**



Palmetto Bay's Municipal Building was the first LEED Platinum-certified building in Miami-Dade County and is net-zero energy ready, as additional PV is funded. Early in design, TLC used energy modeling to optimize the building shell, focusing on the building orientation, insulation, glazing percentage and location to minimize solar heat gain and daylight harvesting. After the shell was optimized, the lighting and HVAC systems were modeling and various options evaluated to further reduce energy consumption. The overall energy consumption was reduced by 36% compared to an ASHRAE 90.1 2007 Appendix G baseline. Water consumption was reduced by over 50%. On-site energy generation was limited to solar power, which provides approximately 20% of the required building power, in addition to domestic water heating that supplies 100% of the demand. Inclusion of a 24/7 operations police station in the building program resulted in the selection of a variable refrigerant flow (VRF) to allow different areas of the building to operate on independent schedules. Demand-controlled ventilation in the 100-seat Village Chambers reduces the HVAC load during low occupancy times. Other energy-efficiency measures include:

- Two cisterns collect storm water and condensate are collected in a cistern for sewage conveyance (20,000 gallon) and landscape irrigation (40,000 gallon)
- Daylighting in perimeter spaces reduces lighting power consumption
- The VRF system minimizes compressor energy
- Ductwork was sized to reduce external static pressure and minimize fan energy
- Exhaust fans operate on occupancy sensors
- Efficient lighting power density was achieved with 95% LED lighting
- Lighting controls further reduced consumption with photocell control and dual- technology ultrasonic/infrared technology

Energy use over a full operating year achieved the project's design goals and, due to a lower than projected energy cost, exceeds financial goals.

**GREEN FACTS**

*LEED NC Platinum 2009*

*Certification Awarded*

*October 2012*

**PLATINUM 81 Points\***

*\*Out of a possible 110 points*



**Design-Build Team:**

**Architect**

*JMWA Architects*

*Boca Raton, Florida*

**Constructor**

*Current Builders*

*Pompano Beach, Florida*

**Owner**

*Village of Palmetto Bay*

*Palmetto Bay, Florida*

**Major Components**

*Two-story office space*

*Police station Building*

*department Municipal*

*offices*

*100-seat Commission*

*chambers*

**Project Size**

*25,000 square feet*

**Construction Cost**

*\$4 Million*

**Completion Date**

*2011*

**TLC Services** *Mechanical*

*Electrical Plumbing*

*Fire Protection Voice-Data*

*Distribution Audio-Visual*

*Presentation Security System*

*Energy Modeling*

*LEED Consulting*

*Net-Zero Pre-Design Consulting*



**CITY OF MIAMI BEACH HVAC UPGRADES**  
**Miami Beach, Florida**



TLC Engineering for Architecture has been working with the City of Miami Beach since 2008 under the Continuing Services Contract. Our most recent projects include assessments for several of their facilities and HVAC upgrades as a result of the recommendations provided by TLC. Projects include:

**City Hall (In Construction)**

Our scope included replacement of nine air handling units located in indoor mechanical rooms. One of the main challenges was to keep the building occupied during these major renovations. Improvements to the chilled water system were completed as well. TLC also designed a major retrofit of the building automation in order to accommodate the more modern and energy efficient technologies that were included in this project.

**Fire Station #4 (In Construction)**

TLC performed a detailed site investigation for the two-story fire station including analysis of existing HVAC and electrical systems. As per the findings, TLC designed and implemented the replacement of all existing air haling units with new equipment of appropriate size and technology to provide adequate cooling and dehumidification. A new sequence of operation was implemented for each AHU for humidity control and energy code compliance.

**10<sup>th</sup> Street Auditorium and Bass Museum of Art (Completed)**

TLC's scope consisted of full replacement of Building Automation system including master controllers, backbone and user interface.

**Police Station (In Construction)**

TLC provided mechanical and electrical engineering design for the replacement of variable frequency drives for all air handling units as well as all VAV boxes in the building. Our engineering services included retrofitting existing pneumatic controls with new digital controls and sequence of operations for all HVAC systems and equipment in the building.

**Owner**  
 City of Miami Beach

**Prime Consultant**  
 TLC Engineering

**Facilities**  
 City Hall  
 Fire Station #4  
 10<sup>th</sup> Street Auditorium  
 Bass Museum  
 Police Station

**Project Cost**  
 Each project >\$2 million

**Completion Date**  
 Currently under construction

**TLC Services**  
 Mechanical  
 Plumbing  
 Electrical  
 Fire Protection

**All facilities remained operational during renovations**



## **BROWARD COUNTY HVAC UPGRADES** **Fort Lauderdale, Florida**



TLC Engineering for Architecture is a sub-consultant to EAC Consulting for the Broward County Engineering Continuing Services contract since 2014. Under this contract, we have provided MEP engineering services for multiple projects:

### **Broward Governmental Center Air Handling Units Replacement**

In 2014, TLC provided Mechanical and Electrical engineering design to replace 16 existing chilled water AHUs with equipment that meets design performance and maximum efficiency. The replacement included, besides of new equipment, new three-way chilled water control valves, sensors and gauges, as well as isolation valves.

### **Broward County Annex Building Cooling Tower Replacement (Design)**

Design for the replacement of existing cooling towers, condenser water pumps and condenser water piping. The cooling towers were sized for the load of the buildings and several options were investigated to minimize the impact to the existing structure. The new condenser water piping was designed to rough through the building minimizing the impact to the existing building layout and operations.

### **Broward County Judicial Complex Chillers Replacement (Design)**

Our mechanical and electrical design scope includes demolition and design for the replacement of the existing chillers. TLC will evaluate the existing HVAC system serving the chiller room and will propose new design to provide cooling to this Chiller Plant room and also a provision on the piping system for future temporary chiller connection.

### **Broward County Main Library Air Handling Units Condensate Issue**

In 2014, TLC provided an Assessment report, based on field verification, of some issues with the condensate drains and water leaks outside the coils in some of AHU serving this building. TLC provided mechanical design for the implementation of these recommendations which is currently under Broward County review.

#### **Owner**

*Broward County*

#### **Prime Consultant**

*EAC Consulting*

#### **Facilities**

*Government Complex*

*Annex Building*

*Judicial Complex*

#### **Project Cost**

*Each project <\$2 million*

#### **Completion Date**

*Currently under construction*

#### **TLC Services**

*Mechanical*

*Plumbing*

*Electrical*

*Fire Protection*

***All facilities remained operational during renovations***

**701 BRICKELL AVENUE  
LEED EB: O&M IMPROVEMENTS  
Miami, Florida**

*LEED EB O&M 2009 Re-Certified Gold  
Recertification Awarded July 21, 2013  
Certification Awarded April 14, 2010*

**Awards**

2014, USGBC, Best of Building Award, Best  
LEED O+M

2012, USGBC South Florida, EBOM of the  
Year

2011, Building Owners and Managers  
Association (BOMA) SE, The Outstanding  
Building of the Year (TOBY) Award



The roadmap to achieving the initial LEED EB: O&M certification began with TLC conducting an analysis of LEED EB: O&M prerequisites and performing field investigations. Results revealed that with adjustments to the lighting and ventilation system along with some plumbing fixture replacements, the building would meet EBOM prerequisites. From there, the lighting was upgraded to a more efficient system with occupancy sensors and system metering, the ventilation adjustment evolved into a full-fledged analysis of demand- controlled ventilation and the plumbing fixture renovation expanded into a focus on water conservation. TLC provided energy modeling to help the owner prioritize sustainability options. Once basic LEED EB: O&M certification was achieved, the goal of LEED Gold recertification was pursued. Achievements during the recertification included:

- 37.43% water use reduction
- 68% sustainable purchases for cleaning products and materials, earning exemplary performance
- Exemplary performance for custodial effectiveness and a facility overall appearance level of 1.38

Overall improvements to the building to date include:

- Upgrading the chiller plant with an annual savings of \$75,000 from reduced maintenance and energy savings (seven-year payback for a chiller with an expected service life of 20 years).

- Replacing toilet fixtures at a cost of \$110,000 (three-year ROI based on monthly water consumption).

- Retrofitting building lighting with energy efficient T-8 fluorescents and adding motion sensors to significantly reduce energy consumption, with a first year savings of \$325,000.

- Re-calculating the ventilation air requirement resulting in a four-month return on investment, potential for future energy use reductions by demand- controlled ventilation and better control of, and resistance to, potential mold issues.

- Installing variable speed drives (VSDs) on HVAC equipment and domestic water pumps to meet the varying cooling demands.

- Adding a "cool roof" with a solar reflectance index calculation of 104, meaning the roof effectively reflects heat and keeps the building as cool as possible.

**Property Manager**

Jones Lang LaSalle  
Americas Miami, Florida

**Owner**

TIAA-CREF

**Contractors**

CanAm Electrical  
Contractors Douglas Orr  
Plumbing Johnson  
Controls (JCI)

**Major Components**

New Energy Management  
System Upgraded Chiller  
Plant

New Restroom Fixtures  
Water Metering Lighting  
Controls

**Project Size**

740,000 square feet

**Construction Cost**

\$1.75 Million

**Completion Date**

Phase I: 2010

Phase II: 2012

Recertification: 2013

**TLC Services**

Mechanical Electrical  
Plumbing/Fire Protection  
Energy Modeling  
LEED EB Prime Consultant  
Project Administration,  
Documentation  
Retrocommissioning

**801 BRICKELL OFFICE BUILDING**  
**Miami, Florida**

*LEED EB 2008 Silver  
Certification Awarded  
March 23, 2011*



Constructed in 1985, this Class A LEED EBOM certified 28-story office building was analyzed to determine appropriate energy conservation measures (ECMs); balance capital investment and return; reduce costs; and increase the overall value and performance of the asset. Tenants have gross lease contracts with the building owner. The building is served by a chilled water system via two chillers with total chiller capacity of 1200 tons and three central station air handling units located in the third floor mechanical area. TLC modeled the existing building and simulated three different chiller plant replacements, including the return on investment (ROI) over a 10-year period. Chiller plant variations included traditional water-cooled centrifugal, magnetic frictionless chillers and VFD controlled chillers.

After the chiller plant was replaced, other ECMs were studied for capital budgeting. Implemented projects include:

- Replacement of constant volume 100 HP AHU motors with VFD-motor assemblies
- Lighting replacements
- Controls upgrades
- VAV boxes

Phasing of upgrades allowed subsequent investments to build on the efficiencies achieved earlier in the process. It is anticipated that the upgrades have a life cycle of minimally 10 years, with several lasting 20 years or more. The building was 95% occupied throughout the process.

The combined return on investment was conservatively estimated at 35%, with the assumption that energy prices would remain stagnant.

***Utility costs were reduced from \$2.63/sf in 2008 to \$1.66 in 2012.***

**Property Manager**  
*Jones Lang LaSalle  
Americas Miami,  
Florida*

**Owner**  
*TIAA CREF New York,  
New York*

**Major Components**  
*Chiller Upgrade  
Lighting Replacements  
Controls Upgrades*

**Project Size**  
*415,000 square feet*

**Completion Date**  
*Ongoing*

**TLC Services**  
*Mechanical Electrical  
Energy Modeling  
Commissioning*

## TLC Industry Rankings

### 2015 Industry Rankings

- |   |  |
|---|--|
| ▪ #309 <i>Engineering News-Record</i>           | Top 500 Design Firms                                 |
| ▪ #58 <i>Engineering News-Record</i>            | Top 100 Green Buildings Design Firms                 |
| ▪ #25 <i>ENR Southeast</i>                      | Southeast Design Firms                               |
| ▪ #15 <i>ENR Southeast</i>                      | Top Florida Design Firms                             |
| ▪ #9 <i>ENR Southeast</i>                       | Top Southeast General Building Design Firms          |
| ▪ #2 <i>ENR Southeast</i>                       | Top Southeast Green Design Firms                     |
| ▪ #21 <i>Building Design &amp; Construction</i> | Giants 300 - Engineering Firms                       |
| ▪ #15 <i>Building Design &amp; Construction</i> | Giants 300 – Healthcare Engineering Firms            |
| ▪ #17 <i>Building Design &amp; Construction</i> | Giants 300 – Green Engineering Firms                 |
| ▪ #18 <i>Building Design &amp; Construction</i> | Giants 300 – BIM Engineering Firms                   |
| ▪ #21 <i>Building Design &amp; Construction</i> | Giants 300 – K-12 Engineering Firms                  |
| ▪ #21 <i>Building Design &amp; Construction</i> | Giants 300 – Multifamily Engineering Firms           |
| ▪ #26 <i>Building Design &amp; Construction</i> | Giants 300 – Government Engineering Firms            |
| ▪ #33 <i>Building Design &amp; Construction</i> | Giants 300 – Reconstruction Sector Engineering Firms |
| ▪ #46 <i>Building Design &amp; Construction</i> | Giants 300 – University Engineering Firms #26        |
| ▪ #22 <i>EC&amp;M</i>                           | Top 40 Electrical Design Firms                       |
| ▪   |  |

### 2014 Industry Rankings

- |   |  |
|---|--|
| ▪ #317 <i>Engineering News-Record</i>           | Top 500 Design Firms                                 |
| ▪ #72 <i>Engineering News-Record</i>            | Top 100 Green Design Firms                           |
| ▪ #26 <i>EC&amp;M</i>                           | Top 30 Electrical Design Firms                       |
| ▪ #23 <i>Building Design &amp; Construction</i> | Giants 300 - Engineering Firms                       |
| ▪ #19 <i>Building Design &amp; Construction</i> | Giants 300 – Healthcare Engineering Firms            |
| ▪ #24 <i>Building Design &amp; Construction</i> | Giants 300 – Data Center Engineering Firms           |
| ▪ #25 <i>Building Design &amp; Construction</i> | Giants 300 – Reconstruction Sector Engineering Firms |
| ▪ #18 <i>Building Design &amp; Construction</i> | Giants 300 – BIM Engineering Firms                   |
| ▪ #46 <i>Consulting Specifying Engineer</i>     | MEP Giants   |
| ▪ #8 <i>Healthcare Design</i>                   | Healthcare Projects Completed in 2013 (242)          |
| ▪ #4 <i>Healthcare Design</i>                   | Healthcare Contracts Signed in 2013 (400)            |
| ▪ #31 <i>ENR Southeast</i>                      | Southeast Design Firms                               |
| ▪ #16 <i>ENR Southeast</i>                      | Top Florida Design Firms                             |
| ▪ #4 <i>ENR Southeast</i>                       | Top SE Entertainment Design Firms                    |
| ▪ #7 <i>ENR Southeast</i>                       | Top SE Hospitality Design Firms                      |
| ▪ #3 <i>ENR Southeast</i>                       | Top SE Sports & Recreation Design Firms              |
| ▪ #9 <i>ENR Southeast</i>                       | Top Southeast General Building Design Firms          |

### TLC Honors and Awards

Numerous TLC projects have received awards over the years, which is just one measurement of our commitment to quality. Recent honors and design awards include:

- |             |   |
|-------------|---|
| <b>2015</b> | <b>ASHRAE, National Technology Award, First Place New Industrial Facilities or Processes</b><br>Sea-Tac International Airport Pre-Conditioned Air |
|-------------|---|

- 2015**            **Ballpark Digest, Best Major Ballpark Renovation**  
Hammond Stadium, CenturyLink Sports Complex
- 2015**            **USGBC Florida Gulf Coast Most Outstanding LEED NC Private Project**  
Naples Botanical Gardens
- 2015**            **USGBC Florida Gulf Coast Most Outstanding LEED NC Education Project**  
FSU Tibbals Phase II Expansion
- 2015**            **ENR Project of the Year**  
Florida Polytechnic University Innovation, Science & Technology Building
- 2015**            **International Architectural Award, The Chicago Athenaeum: Museum of Architecture & Design and The European Centre for Architecture Art**  
Florida Polytechnic University Innovation, Science & Technology Building
- 2015**            **Fast Company Innovation by Design Award**  
All Aboard Florida
- 2015**            **AIA Florida/Caribbean Design Awards, Merit Award for Sustainable Design**  
Palm Avenue Parking Garage
- 2015**            **ASHRAE Puget Sound Chapter, Regional Technology Award, First Place New Industrial Facilities or Processes**  
**ASHRAE Puget Sound Chapter, Ralph Robson Technology Award (best overall entry)**  
Sea-Tac International Airport Pre-Conditioned Air
- 2015**            **ABC Florida Gulf Coast Chapter, Sports Complex Over \$25 million, Excellence in Construction Award**  
Hammond Stadium, CenturyLink Sports Complex
- 2014-2015**      **Design Magazine, Silver A' Architecture, Building and Structure Design Award**  
Amador Convention Center
- 2015**            **AIA Georgia, Merit Award, Large Project Category**  
Nemours Children's Hospital
- 2015**            **AIA Orlando Award of Merit, Built Category**  
Martin Memorial Traditions Medical Center
- 2015**            **AIA Orlando Award of Excellence, Unbuilt Category**  
Orlando Police Department Headquarters
- 2015**            **AIA Orlando Award of Merit, Unbuilt Category**  
Ft. Myers Fire Administration Building
- 2015**            **AIA Orlando Honorable Mention, Unbuilt Category**  
Cancer Center at Lakeland Regional Health
- 2015**            **FEFPA Award of Merit for College**  
Miami Dade College Student Support Center
- 2015**            **FEFPA First Place Award for Special Facilities Category**  
Manatee Technical College

**Owner's comments for TLC team**

**701 Brickell project**

You are the one who actually made the entire process go so smoothly for us, it was so comforting to know that we were (and still are) working alongside someone who just got things done and explained everything in a simplified manner. Thank YOU

Amarjit K. Bains  
Vice President – Group Manager  
Jones Lang LaSalle  
701 Brickell Ave, Suite 110, Miami, FL 33131  
tel +1 305 423 4701 fax +1 305 423 4702  
[Amarjit.Bains@am.jll.com](mailto:Amarjit.Bains@am.jll.com)  
[www.us.jll.com](http://www.us.jll.com)

**Owner's comments for TLC team**

**MIA A-B Infill project**

Dear A-B Infill (DREAM) Team:  
Thank you all for a job SUPERBLY well done; I am so proud of everyone that I wish I could keep you all here forever, it is not often that you have the blessing of having a team this GREAT;  
Your professionalism; excellent work and outstanding team efforts have produced outstanding results.  
THANK YOU, THANK YOU and THANK YOU.

Juan Carlos Arteaga, AIA, NCARB, CBO, CGC, LEED ® AP  
NTD Program Director  
Miami-Dade Aviation Department  
MIA Bldg 3030, Central Wing 2nd Floor, Miami, FL 33159  
Tel: 305-869-5694 Fax: 305-876-7067 Cel: 305-218-8976  
"Delivering Excellence Every Day"

**Owner's Rep comments for TLC team**

**PGA National Resort Renovations**

Having TLC Engineering for Architecture as the engineer of record for our \$ 40 million dollar renovation project proved to be the right choice. TLC completed the design and construction administration services in the most expeditious and satisfactory manner. We appreciate your personal commitment along with the commitment of your team in meeting all our scheduling milestones.

Edward Nystrom  
President  
Nanc Construction Services, Inc.  
Construction Manager for  
PGA National Resort and Spa  
400 Avenues of Champions  
Palm Beach Gardens, Florida



**APPENDIX A**

**ACKNOWLEDGEMENT, WARRANTY AND ACCEPTANCE**

- A. Consultant warrants that it is willing and able to comply with all applicable State of Florida laws, rules and regulations.
- B. Consultant warrants that it has read, understands and is willing to comply with all of the requirements of the RFQ and the addendum/ addenda.
- C. Consultant warrants that it will not delegate or subcontract its responsibilities under an agreement without the prior written permission of the Council.
- D. Consultant warrants that all information provided by it in connection with this submittal (response) is true and accurate.
- E. CONTINGENCY FEE AND CODE OF ETHICS WARRANTY:

Respondent warrants that neither it, nor any principal, employee, agent, representative or family member has promised to pay, and respondent has not, and will not pay a fee, the amount of which is contingent upon the Town of Cutler Bay awarding the contract. respondent warrants that neither it, nor any principal, employee, agent, representative has procured, or attempted to procure, the contract in violation of any of the provisions of the Miami-Dade County Conflict of Interest and Code of Ethics Ordinances. Further, respondent acknowledges that a violation of this warranty will result in the termination of the contract and forfeiture of funds paid, or to be paid, to the respondent, if the respondent is chosen for performance of the contract.

Signature of Official: \_\_\_\_\_

Name (typed): H. Erick Gonzalez, PE

Title: Principal/Director of South Florida Operations

Consultant: TLC Engineering for Architecture, Inc.

Date: November 5, 2015



**APPENDIX B**

**NON-COLLUSIVE AFFIDAVIT**

State of Florida

SS:

County of Miami-Dade

H Erick Gonzalez being first duly sworn, deposes and says

that:

(1) He/she is the, (Owner, Partner, Officer, Representative or Agent) of:  
TLC Engineering for Architecture the respondent that has submitted the attached proposal;

(2) He/she is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;

(3) Such proposal is genuine and is not a collusive or a sham proposal;

(4) Neither the said respondent nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other respondent or any person to submit a collusive or sham response in connection with the work for which the attached proposal has been submitted, or to refrain from responding in connection with such work, or have in any manner, directly or indirectly, sought by agreement or collusion, communication, or conference with any respondent or person to fix the proposal submitted or to secure through any collusion, conspiracy, connivance, or unlawful agreement, any advantage against the Town of Cutler Bay, or any person interested in the proposed work required.

Signed, sealed and delivered  
In the presence of

[Signature]

By: [Signature]

H. Erick Gonzalez, PE  
(Printed Name)  
Principal/Director of South Florida Operations  
(Title)



**ACKNOWLEDGMENT**

State of Florida

County of Miami-Dade

On this 4<sup>th</sup> day of November, 2015, before me, the undersigned

Notary Public of the State of Florida personally appeared H. Erick Gonzalez

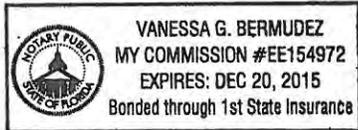
and whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

WITNESS my hand and official seal

*[Handwritten Signature]*

NOTARY PUBLIC, STATE OF FLORIDA

NOTARY PUBLIC  
SEAL OF OFFICE:



(Name of Notary Public: Print, Stamp or Type as commissioned.)

- Personally known to me, or
- Produced identification:

(Type of Identification Produced)

- Did take an oath. or
- Did not take an oath.

Appendix-B Page 2 of 2



**APPENDIX C**

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

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

1. This sworn statement is submitted to the TOWN OF CUTLER BAY, FLORIDA

By H. Erick Gonzalez, PE

For TLC Engineering for Architecture, Inc.

Whose business address is: 5757 Blue Lagoon Drive, #400, Miami, FL 33126

And (if applicable) its Federal Employer Identification Number (FEIN) is: 59-1228645

If the entity has no FEIN, include the Social Security Number of the individual signing this

Sworn statement - S.S. # -

2. 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 any agency or political subdivision of any other State or of the United States, including, but not limited to, any proposal or contract for goods or services to be provided to any public entity or an agency or any political subdivision of any other state or of the United States and involving antitrust fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea or guilty or nolo contendere.

Appendix-C Page 1 of 3



4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

- A. A predecessor or successor of a person convicted of a public entity crime; or
- B. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws or any state or of the United States with the legal power to enter into a binding contract and which proposes or applies to propose on contracts for the provision of goods or services 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 any entity.

Signed, sealed and delivered

In the presence: *Janice Lopez*

By: *[Signature]*  
H. Erick Gonzalez, PE  
(Printed Name)

Principal/Director of South Florida Operations  
(Title)



**ACKNOWLEDGMENT**

State of Florida

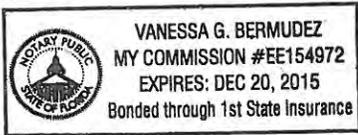
County of Miami-Dade

On this 4<sup>th</sup> day of November, 2015, before me, the undersigned Notary Public Of the State of Florida personally appeared H. Erick Gonzalez and whose name(s) is/are subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

WITNESS my hand and official seal

[Signature]  
NOTARY PUBLIC, STATE OF FLORIDA

NOTARY PUBLIC  
SEAL OF OFFICE:



Vanessa G. Bermudez  
(Name of Notary Public: Print, Stamp or Type as Commissioned.)  
o Personally known to me; or  
o Produced identification:

(personally known)  
(Type of Identification Produced)  
o Did take an oath. or  
 Did not take an oath.

Appendix-C Page 3 of 3

**TLC Licenses**

## *State of Florida Department of State*

I certify from the records of this office that TLC ENGINEERING FOR ARCHITECTURE, INC. is a corporation organized under the laws of the State of Florida, filed on December 31, 1968.

The document number of this corporation is 339497.

I further certify that said corporation has paid all fees due this office through December 31, 2015, that its most recent annual report/uniform business report was filed on January 5, 2015, and its status is active.

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

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Fifth day of January, 2015*



*Ken Detjmer*  
**Secretary of State**

Authentication ID: CC6646591935

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

<https://efile.sunbiz.org/certauthver.html>

## State of Florida

Board of Professional Engineers

Attests that

TLC Engineering for Architecture, Inc.



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

Expiration: 2/28/2017

Audit No: 228201700860

CA Lic. No:

15

**Key personnel Licenses**

