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Professional Design Services For a New Emergency Generator at Building B

City of Port St. Lucie
RFQ-20230108

October 17, 2023

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TAB 1

Firms Qualifications



TAB 1 - FIRM QUALIFICATIONS
A. LICENSE AND CREDENTIALS**TLC ENGINEERING SOLUTIONS INC., STATE OF FLORIDA REGISTRATION**

State of Florida

Department of State


I certify from the records of this office that TLC ENGINEERING SOLUTIONS, 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, 2023, that its most recent annual report/uniform business report was filed on January 3, 2023, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Third day of January, 2023*

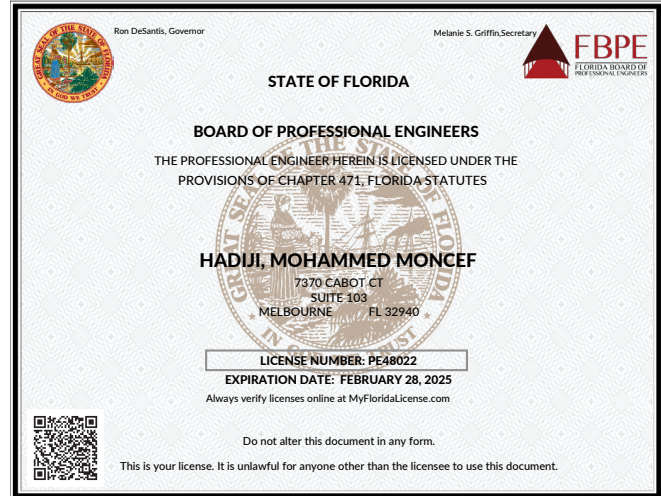

Secretary of State

Tracking Number: 2396841269CC

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

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

MONCEF HADIJI, PE, RCDD, LEED AP BD+C, GGP



GREEN BUSINESS CERTIFICATION INC. CERTIFIES THAT

Mohammed Hadiji

HAS ATTAINED THE DESIGNATION OF

LEED AP® Building Design + Construction

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

Peter Tompletz

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



THROUGH SUCCESSFUL COMPLETION OF THE
 GREEN GLOBES PROFESSIONAL TRAINING PROGRAM
 AIA COURSE NUMBER: GBIGGPTNOV13
 AIA APPROVED FOR 5 LU/HSW HOURS

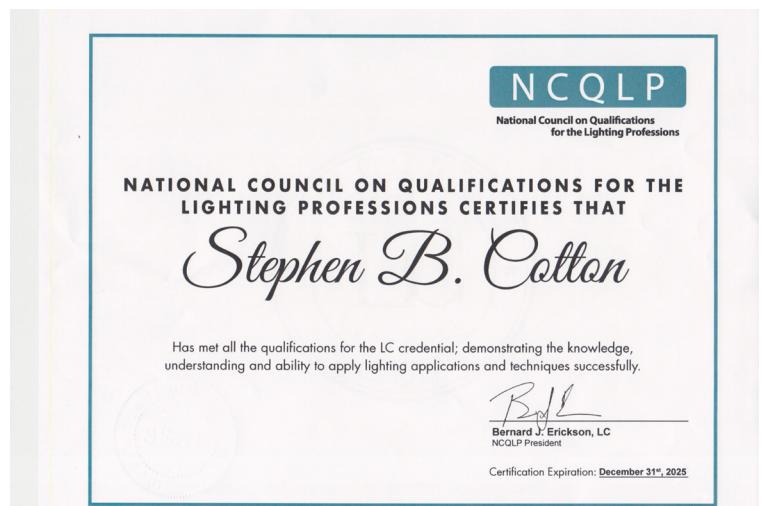
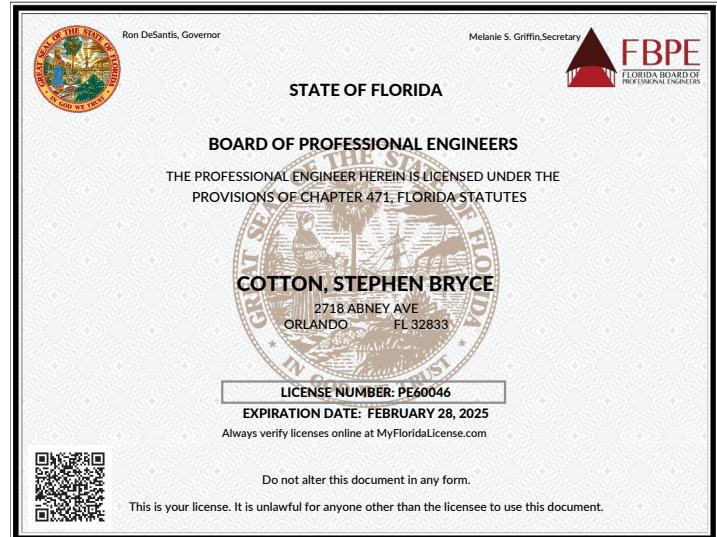
CERTIFIED ON
 JUNE 15, 2014

Deanne Elliott

President
 5410 SW MACADAM BLVD STE 150
 PORTLAND, OR 97239
 503.274.0440
 INFO@THEGBI.ORG



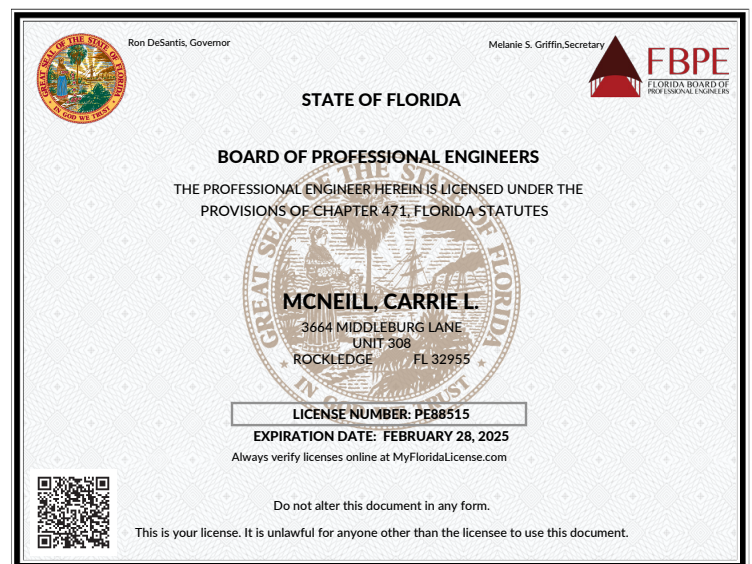
STEPHEN B. COTTON, PE, GGP, LC



BILL A. NANCE, RCDD, OSP



Carrie L Mcneill, PE













B. BRIEF FIRM HISTORY

TLC is an employee-owned firm that dates back to **1955** when two structural engineers formed a partnership and began offering their services in Orlando, Florida. Continuing to grow in staff, mechanical and electrical engineers joined our firm, thus establishing our multidisciplinary services. Our firm changed **from a partnership to a corporation** in 1968 and in 1981, the company reorganized as Tilden, Lobnitz & Cooper, Inc. and adopted TLC as its brand. Our firm continued to expand in staff and capabilities through organic growth and the acquisition of 12 firms creating 19 office locations across the U.S. In 2005, we became TLC Engineering for Architecture, Inc. and in 2019, TLC redefined ourselves as TLC Engineering Solutions, Inc. and our mission became to **THINK** boldly, **LISTEN** attentively, and **CREATE** passionately. Today this serves as the blueprint that guides our promise of extreme service to our clients.

Over the past 67 years, our design capabilities have evolved to include structural, mechanical, electrical, plumbing, fire protection, life safety, communications–technology, acoustics, LEED consulting, commissioning, and energy engineering. Our highly qualified team of **450+** professionals includes 130 Registered Professional Engineers, 84 LEED-Accredited Professionals, 20 ACG-Registered Commissioning Authorities, and several specialists in energy management, security, audio-visual, voice-data, and acoustics. TLC provides services focused on the design and operation of sustainable, energy-efficient buildings including energy audits, energy modeling, net operating income improvements, Life Cycle Cost Analysis, and Energy/Water Conservation methods and strategies. We provide comprehensive services that allow clients to collaborate with a dedicated team from start to finish.

TLC’s commitment to sustainability has made us a leader in green building design and is supported by successful certifications – from the first LEED-certified project in Florida in 2003 to our current **475** LEED certified projects (80+ million square feet of sustainable space). TLC is also committed to the AIA 2030 Challenge and continues to progress towards the aggressive goals embodied by this commitment.

Our expertise is recognized in the engineering design of various markets including Education, Government, Commercial, Transportation, Hospitality, Entertainment, Healthcare, and Recreation. Engineering News Record ranks TLC **#14** in Top Design Firms in Florida and **#35** in the Southeast. TLC has also been recognized with numerous awards for design excellence on local, state, and national competition levels. We believe that our passion and dedication to service and quality has been the foundation for our success.

TLC SERVICES	
	MECHANICAL
	ELECTRICAL
	PLUMBING
	FIRE PROTECTION
	LIFE SAFETY
	STRUCTURAL
	AUDIO-VISUAL
	VOICE-DATA
	SECURITY
	LIGHTING
	ENERGY
	COMMISSIONING
	ACOUSTICS
	MASTER PLANNING
	THEATER VENUE PLANNING

67
 YEARS OF
 ENGINEERING
 EXCELLENCE

Chief Executive Officer: Michael P. Sheerin, PE, LEED AP

Chief Operating Officer: James D. Ferris PE

Chief Financial Officer: Bill Daly, CPA

Vice President: Gary C. Krueger, PE, LEED AP BD+C, CM

Vice President: Matthew J. Wiechart, PE, CXA, LEED AP

ANNUAL VOLUME OF WORK OVER PAST FIVE YEARS

2022 Annual Revenue	\$94,089,549.00
2021 Annual Revenue	\$70,407,863.00
2020 Annual Revenue	\$69,646,315.00
2019 Annual Revenue	\$69,554,949.00
2018 Annual Revenue	\$66,061,392.00

C. SIMILAR PROJECT EXPERIENCE

TLC has extensive experience in providing engineering design for new and replacement generators, both large and small specifically for building types that require continuous operations during power outages — emergency operation centers, fire stations, police stations, jails, water / wastewater treatment plants, hospitals, etc. From conceptual design through systems commissioning, our engineers produce innovative designs that address energy conservation, maintenance efficiency, and environmental responsibility. TLC is well versed in the latest techniques, equipment and methodologies, codes, and systems and can offer our expertise in providing engineering services for the successful installation of a permanent diesel generator to provide backup power to the City Hall Municipal Complex.

SIMILAR EXPERIENCE

TLC has extensive experience in designing the requirements for any size generator. TLC also has experience in working with federal grants, including Energy Efficiency and Conservation Block, the Rebuild Florida CDBG Mitigation Critical Facility Hardening Program, and the FEMA Hazard Mitigation Grant Program (HMGP). We have completed 48 projects involving grant programs including our current project with the City of Melbourne providing Rough Order of Magnitude for nine generators (60kW to 157kW) for eight fire stations and the City’s fleet management building for the HMGP Application.

We have provided in this section five projects completed within the past five years with contact references to demonstrate our experience with projects similar in complexity and scope of this project. However to show our depth of experience, the following list of projects are similar building types that include engineering design for generators.

GENERATORS FOR CITY / COUNTY FACILITIES

PROJECT	GENERATOR SIZE
Brevard County Emergency Operations Center, Rockledge New 40,000-sf two-story hurricane hardened facility houses 911 intake, call center, Emergency Operations Center, and multiple agency (Sheriff and Fire) training, conference rooms and administration offices. Two 1000kW generators provide emergency power to the entire facility during an outage.	(2) 1000kW
Columbia County Sheriff’s Detention Facility A 1250-kW natural gas powered emergency generator connected to a sub-base fuel tank provides 72 hours of run time at 100% load. There is a network of natural gas pipelines to continuously fuel the generator should power be lost.	1250-kW

GENERATORS FOR CITY / COUNTY FACILITIES	
PROJECT	GENERATOR SIZE
<p>Brevard County Traffic Management Center, Melbourne New two-story stand-alone hurricane-hardened facility accommodates the County’s Traffic Management and Space Coast Transportation Planning. Facility includes state-of-the-art technology for video wall, security controls at exterior and interior secure areas, and 400 kW generator for backup power.</p>	400kW
<p>Brevard County Government Center Building C Generator, Viera Electrical upgrades for replacing 100 kW generator with new 550 kW diesel generator with 1050-gallon fuel tank. Design included new generator pad, walls around the generator, site preparation, and new conductors and conduits.</p>	550 kW
<p>Brevard County Space Coast Area Transit Generator Replacement Electrical design for 100 kW replacement generator and underground generator feeder. Structural design included new 8” concrete generator equipment pad, chain link fence, sidewalk, and bollards.</p>	100 kW
<p>City of Deland Utilities Administration Facility, DeLand New administration facility with office space, support spaces, and Operations Control Center designed as a critical (hardened) facility with a backup generator. a 500 kW generator uses diesel fuel, and is engine driven, radiator cooled, with a weather enclosure and belly fuel tank, sized for 7 days run time at 75% load.</p>	500 kW
<p>City of DeLand Fire Station No. 81 and Evidence Storage Building New 14,000-sf fire station includes Chief and Deputy Chief private offices, sleeping quarters, training/fitness area, kitchen, and day room. Facilities include a 2,500-sf evidence building designed and constructed of a prefabricated metal building that includes three bays for storing seized vehicles, two bays for vehicle process, a bike-storage facility, an evidence-processing lab, and additional general storage space. Two diesel engine generators, 275kW for the fire station and 100kW for the evidence storage building, with 72-hour diesel tanks provide 100% of each building load. Energy analysis was performed to meet Green Globes certification.</p>	275kW and 100kW
<p>National Law Enforcement Communications Center, Orlando Two new 600 kW diesel generators were added, one located in the interior and one located on the exterior of the facility on a concrete pad with a weather/sound enclosure. TLC verified the existing interior concrete equipment pad would accommodate the new generator, which resulted in extending the pad.</p>	600 kW
<p>City of West Palm Beach Fire Station 5 and Emergency Operations Center New two-story, three-bay fire station with integral Emergency Operations Center on the second floor complete with 911 call center, press conference room, and command center. Designed for 180 mph wind speed. All major HVAC equipment has 1+1 redundancy. The fire station and EOC has one 800kW generator.</p>	800kW

GENERATORS FOR CITY / COUNTY FACILITIES

PROJECT	GENERATOR SIZE
Charlotte County Sheriffs District 3 Headquarters New 38,000-sf facility consists of two separate buildings: an 18,000-sf district facility and a 20,000-sf evidence facility. District facility building houses offices, interview rooms, record room, training room, armory, exercise area with lockers and showers, and ancillary support spaces such as storage and mechanical/ electrical rooms. Evidence facility building has warehouse storage, office space, processing areas, and exterior storage. Emergency generator at 800Kw provides power to the Administration building, the Evidence building and two chillers.	800kW
Cape Coral Police Department Headquarters Two 800-kW emergency generators connected in parallel provide backup power. When both generators are in use at 60% capacity, the whole facility is supported.	800kW
Clearwater Fire Station No. 45 The fire station also includes on-site fuel storage and a 600 kW emergency generator that can power the entire fire station during an emergency.	600kW
Fort Myers Fire Station and Administration Facility The facility is equipped with a 400 kW generator and on-site fuel storage to power the entire facility in the event of an emergency.	400 kW
City of West Palm Beach City Hall Natural Gas Generator Electrical modifications and natural gas connections for 400kW gas generator addition for installing in City Hall Garage.	400kW

D. PAST PROJECT EXPERIENCE
PALM BEACH COUNTY
WEST COUNTY DETENTION FACILITY PHASE 2
WEST PALM BEACH, FL

PROJECT #1



TLC provided electrical design services for the interior and exterior building renovations to the West County Detention Facility.

The design included replacing the emergency 750 kW generator, which connects to three existing 100,000-gallon fuel tanks, in the Court area of the main jail. A new emergency generator was installed on the exterior of the jail that provides a redundant back-up to the existing emergency generator that supports the jail facilities. The design provides for quick connects at the exterior of the building for portable redundant electrical feed to the emergency power distribution location in the event the new emergency generator fails. The design included electrical components to support the generators, diesel storage tank, tank accessories, piping, valves, and specialties for fuel systems.

Additional electrical improvements include replacing electrical panels, electrical conduit and door control wiring in the existing main jail, intercom wiring, electrical connections for HVAC replacements, lightning protection, as well as improving lighting fixtures for energy-efficiency. Additionally, a new workstation and infrastructure was designed to allow A-Pod control function as a backup location to the central control in the main jail.

OWNER

Palm Beach County, Florida

CONTACT PERSON

Leo A Daly (Architect)
Sean Hockman, AIA, LEED AP
E: smhockman@leoadaly.com
P: 561.688.2111
Position: Architect

COMPLETION DATE

2020

KEY STAFF

- Moncef Hadji, PE, RCDD, LEED AP BD+C, GGP
- Stephen Cotton, PE, GGP, LC
- Dylan Sauro

SIZE

750 kW Generator
5,000 square feet

COST

\$5.3 Million

TLC SERVICES

Electrical

PROJECT #2

**CITY OF COCOA BEACH
 POLICE HEADQUARTERS
 COCOA BEACH, FL**



Image Courtesy H J High Construction Company

The City’s new three-story police station and emergency operations center offers advanced technologies, enhanced security, redundancy, and a larger facility to support growth through 2039.

Spaces within the building are specialized to accommodate the sally port, booking and intake areas, personal property storage, evidence storage, weapons storage, physical agility/defensive tactics room, 911 call center, administration offices, conference rooms, and workstation areas. A multipurpose room for community and public meetings is located on the ground level of the facility.

Located one block from the beach, the facility is designed as an enhanced essential facility accommodating mission-critical functions including storm surge, elevated wind criteria, and redundant power and communications systems. A 300kW generator and fuel tank sit on a hurricane-rated elevated platform above potential storm surge levels and will handle 100% of the building load for 72 hours during power outages.

The HVAC systems are designed to meet the varying needs of the conditioned areas with dedicated single-zone air handling units for large spaces and multi-zone air handling units for multiple smaller spaces. To maximize energy efficiency, the air handling units are equipped with premium efficiency motors and variable frequency drives that adjust the speed of the HVAC fans based on demand. Modulating control dampers and airflow monitoring stations are equipped on each outside air intake to provide precise ventilation control to ensure good indoor air quality (IAQ) and building pressurization. Additional sustainable strategies incorporated into the design include energy-saving daylighting design and lighting controls, and water-efficient plumbing fixtures.

OWNER

City of Cocoa Beach, Florida

CONTACT PERSON

City of Cocoa Beach
 Wayne Carragino
 E: wcarragino@cityofcocoa-beach.com
 P: 321.868.3215
 A: 1600 Minuteman Causeway, Cocoa Beach, Florida, 32932
 Position: Project Manager

COMPLETION DATE

2021

KEY STAFF

- Moncef Hadiji, PE, RCDD, LEED AP BD+C, GGP
- Stephen Cotton, PE, GGP, LC
- Bill Nance, RCDD, OSP

SIZE

300 kW w/pad
 23,237 square feet

COST

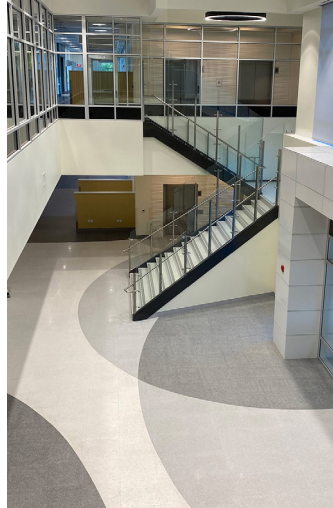
\$8.5 Million

TLC SERVICES

Electrical, Mechanical, Plumbing, Structural, Technology

PROJECT #3

**US DEPARTMENT OF VETERANS AFFAIRS
 COMMUNITY BASED OUTPATIENT CLINIC
 NEW PORT RICHEY, FL**



OWNER

United States Department of Veterans Affairs ASAO 8

CONTACT PERSON

SASD Development Group, LLC
 Steven Doctor
 E: Csdoctor01@gmail.com
 P: 619.220.4161
 A: 4895 Pacific Highway, San Diego, California, 92110
 Position: Contractor

COMPLETION DATE

2022

KEY STAFF

- Moncef Hadiji, PE, RCDD, LEED AP BD+C, GGP
- Bill Nance, RCDD, OSP
- Dylan Sauro

SIZE

1,500 kW diesel
 157,500 square feet

COST

\$113 Million

TLC SERVICES

Electrical, Mechanical, Plumbing, Structural

Port Richey’s new outpatient clinic consolidates health care services currently offered in five locations into one state-of-the-art facility to meet the needs of veterans and their families in the West Pasco County area. The two-story facility will provide services for Primary Care, Mental Health, Eye, Dental, Home Based Primary Care, MRI, CT, Ultrasound, X-ray, Audiology, USP 797 Pharmacy, Prosthetics, Physical Therapy, Lab (Phlebotomy), and social work services.

Several structural systems were vigorously evaluated to determine the design approach that would cost-effectively meet the VA’s building performance criteria, resulting in the selection of a structural steel superstructure.

Outside air for ventilation requirements is provided through the rooftop package units. HVAC equipment is controlled with BACnet DDC control devices that are integrated, via data network cabling, into the building’s Engineering Control Center.

The electrical service consists of a new utility-provided pad-mounted transformer. The emergency electrical distribution system includes one 1,500 kW (1,875 kVA), 277/480V, 3ph, 4W diesel-fueled engine generator set.

The networked digital lighting control system uses vacancy sensors that provide both energy savings and easy user configurations by cost-effectively integrating time-based, daylight-based, sensor-based, and manual lighting control schemes. The non-life safety lighting is designed with automatic lighting controls to turn off all lighting during unoccupied hours. Exterior LED lighting complies with energy requirements and the requirements of local outdoor lighting codes.

BREVARD COUNTY GENERATOR REPLACEMENTS

BREVARD COUNTY, FL



TLC has provided electrical engineering services for generators at many Brevard County facilities. Projects involved designing electrical service, load calculations, short circuit analysis, pump control panels, transfer/disconnect switches, conduits, and generator connections. Recent projects include:

Brevard County Space Coast Area Transit Generator Replacement

Electrical design for 100 kW replacement generator and underground generator feeder. Structural design included a new 8" concrete generator equipment pad, chain link fence, sidewalk, and bollards. \$120,200 / 2022 / Electrical / Structural

Brevard County Sykes Creek WWTP Generator Replacement

Performed site investigation and designed replacement generators and upgraded electrical infrastructure consisting of two 750KW generators, cables, and paralleling switchgear. \$2.1 million / 2020 / Electrical

Brevard County Lift Station N-13

Electrical design for replacing lift station included adding 50kW diesel generator, coordinating with FPL, control panel specifications, load calculations, and short circuit analysis. \$125,000 / 500 sf / 2020 / Electrical

Brevard County Emergency Operations Center

Emergency power system consists of two 1000kW diesel engine driven generators. Each generator is sized to handle 100% of the building load. Building loads are backed up by the generator and redundant generator. \$14 million / 40,000 sf / 2023 / MEP / Fire Protection / Audio-Visual / Voice-Data / Security

Brevard County Traffic Management Center

The new two-story hurricane-hardened facility accommodates the County's Traffic Management and Transportation Planning. The facility includes a video wall, security controls, and a 400 kW generator for backup power. \$9 million / 20,000 sf / 2023 / MEP / Fire Protection / Audio-Visual / Voice-Data / Security

Brevard County Fire Station 49

New fire station includes three bays, bunk room, kitchen, dining, exercise and training room and interior back-up generator. \$2.4 million / 9,000 sf / 2021

OWNER

Brevard County Facilities
 Department

CONTACT PERSON

Brevard County Facilities
 Department
 Michael McGrew
 E: mike.mcgreg@brevardfl.gov
 P: 321.633.2050
 A: 2725 Judge Fran Jamieson
 Way, Bldg A, 2nd Floor, Viera,
 Florida, 32940
 Position: Owner

COMPLETION DATE

2023

KEY STAFF

- Moncef Hadiji, PE, RCDD, LEED AP BD+C, GGP
- Bill Nance, RCDD, OSP
- Dylan Sauro

SIZE

See projects to the left

COST

See projects to the left

TLC SERVICES

Electrical, Structural

PROJECT #5**GREYSTONE HEALTHCARE MANAGEMENT
EMERGENCY GENERATOR ASSESSMENTS**

LEHIGH, FL



Greystone Healthcare Management manages many skilled nursing facilities, which require 24/7 operations. In the event of power outages, the facilities must maintain the ability to cool the facility and provide a safe living environment for the residents.

To be in compliance with F.A.C 59A-4.1265 Emergency Environmental Control for Nursing Homes, the generators were upgraded in multiple facilities located in Lehigh, North Beach, Isle, Greenbriar, and Unity, Florida.

TLC performed a visual inspection at each location that included an assessment of the pre-existing emergency generator systems, which were in place prior to the upgrades, and also the new generator systems installed to replace them. TLC also evaluated associated systems including feeders/panels, manual transfer switches, automatic transfer switches, fuel tanks, etc.

TLC provided reports that addressed the following information specifically requested by the Owner:

1. Determined if the upgraded systems were compliance with 59A-4.1265 Emergency Environmental Control for Nursing Homes (Generator Rule).
2. Determined if the pre-existing systems needed to be upgraded or were they adequate in their former state.
3. Determined if the new generator systems exceeded the Generator Rule requirements and identify which elements of the new systems exceeded the requirements.
4. Identified how much additional cost was incurred above and beyond what would have been required to meet the minimum standards of the Generator Rule.

TLC provided a report for each site identifying the above-referenced items and any recommendations for improvements or actions.

OWNER

Greystone Healthcare
Management

CONTACT PERSON

Greystone Healthcare
Management
Risty Smith, AIA
E: risty.smith@greystonehealth.com
P: 813.285.2802
A: 4042 Part Oaks Boulevard,
Suite 300, Tampa, Florida,
33610
Position: Owner

COMPLETION DATE

2020

KEY STAFF

- Moncef Hadiji, PE, RCDD, LEED AP BD+C, GGP
- Stephen Cotton, PE, GGP, LC

COST

Assessment Only

TLC SERVICES

Electrical, Mechanical,
Plumbing

E. SUB-CONSULTANT QUALIFICATIONS

TLC Engineering Solutions will **not** be submitting any sub-consultants for the City of Port St. Lucie (RFP No. 20230108): Professional Design Services for a New Emergency Generator proposal. We will provide all engineering services from our in-house staff for the services outlined in the RFP Scope of Work.

F. REFERENCES FOR PROJECTS

Project #1: Palm Beach County West County Detention Facility Phase 2 | West Palm Beach, FL

Contact Name: Sean Hockman, AIA, LEED AP
Email: smhockman@leoadaly.com
Phone: 561.688.2111
Position: Leo A Daly, Architect

Project #2: City of Cocoa Beach Police Headquarters | Cocoa Beach, FL

Contact Name: Wayne Carragino
Email: wcarragino@cityofcocoa beach.com
Phone: 321.868.3215
Position: City of Cocoa Beach, Project Manager

Project #3: US Department of Veterans Affairs, Community Based Outpatient Clinic | New Port Richey, FL

Contact Name: Steven Doctor
Email: Csdoctor01@gmail.com
Phone: 619.220.4161
Position: SASD Development Group, Contractor

Project #4: Brevard County, Generator Replacements | Brevard County, FL

Contact Name: Michael McGrew
Email: mike.mcgreg@brevardfl.gov
Phone: 321.633.2050
Position: Brevard County Facilities Department, Owner

Project #5: Greystone Healthcare Management Emergency Generator Assessments | Lehigh, FL

Contact Name: Risty Smith, AIA
Email: risty.smith@greystonehealth.com
Phone: 813.285.2802
Position: Greystone Healthcare Management, Owner

TAB 2

**Personnel & Experience
and Knowledge**



TAB 2 - PERSONNEL & EXPERIENCE AND KNOWLEDGE

MONCEF HADIJI, PE, RCDD, LEED AP BD+C, GGP

Project Manager | Sr. Electrical Engineer



BACKGROUND

Moncef serves as a Principal at TLC and Senior Electrical Engineer responsible for coordinating and implementing electrical and telecommunication system design in concert with other design disciplines, supervising the electrical design team, and providing Quality Control and Quality Assurance. Moncef has over 30 years of experience in designing specialty lighting, power distribution systems, emergency generators, uninterrupted power supplies, automatic transfer switches, lightning suppression, surge arresters, and communications-technology systems for fire alarm, nurse call, paging and public address, voice-data, audio-visual, and security/access control. As a LEED Accredited Professional, Moncef is familiar with sustainable design and its high impact on energy efficiency.

EXPERIENCE

Palm Beach County West Detention Facility Renewal and Replacement Phase 2, West Palm Beach, Florida

Electrical modifications consist of upgrading lighting in A, B, and C Pods; designing new electrical panels, transformers, circuit breakers, connections, transfer switches replacing conduit and repairing door controls; adding new 1000kW generator and new 750kW generator. \$8.2 million

Brevard County Emergency Operations Center, Rockledge, Florida

New two-story hurricane hardened facility houses 911 intake, call center, and multiple agency (Sheriff and Fire) training, conference rooms and administration offices. Two 1000kW diesel engine driven generators each carry 100% of the building load with fuel for 96 hours. \$14 million / 40,000 sf

Greystone Healthcare Management Generator Assessments, Florida

Perform assessment on generator systems at five site locations including Lehigh, North Beach Isle, Greenbriar, and Unity Skilled Nursing facilities and provide report on recommendations. \$36,400

National Law Enforcement Communications Center, Orlando, Florida

KW diesel generators were added, one interior and one located on the exterior on a concrete pad with a weather/sound enclosure. \$2 million

DeLand Fire Station 81 and Evidence Storage Building, DeLand, Florida

New 14,000-sf fire station includes two diesel engine generators, 275kW for the fire station and 100kW for the evidence storage building, with 72-hour diesel tanks that provide 100% of each building load. An Automatic Transfer Switch is installed to transfer the building loads to the generator. \$5 million / 16,500 sf

Orange City Water Plant Modifications, Orange City, Florida

Design replacement of 150kW generator with a 400kW Genset with diesel tank. Services included new transfer switch, new lightning protection system, replacing electrical distribution equipment, and providing an arc-flash study. \$200,000

PROJECT ASSIGNMENT

Project Manager
 Electrical Engineer of Record

EDUCATION

Wichita State University
 M.S., Electrical Engineering
 1988

Wichita State University
 B.S., Electrical Engineering
 1986

YEARS OF EXPERIENCE

TLC: 17 years
Prior: 16 years

REGISTRATIONS

PE FL 48022

CERTIFICATIONS

GGP, Green Building Initiative
 LEED AP BD+C, GBCI (10023492)
 Registered Communications
 Distribution Designer RCDD,
 BICSI (164145)

PROFESSIONAL AFFILIATIONS

BICSI, Member
 International Association of
 Electrical Inspectors, Central
 Florida Division, Member

STEPHEN B. COTTON, PE, GGP, LC

Electrical Design Engineer - Quality Control

BACKGROUND

Stephen has 27 years of experience in electrical engineering analysis and design for power distribution, lighting, control, circuiting, and communications. He is experienced in electrical systems design review and field observation of construction activities, as well as testing of electrical systems including emergency generators and automatic transfer switches. He is skilled in sustainable lighting strategies and solutions, including LED and photovoltaics, as well as energy-saving lighting control panels, and sequences of operation integrated with daylighting systems.

EXPERIENCE

Palm Beach County West Detention Facility Renewal and Replacement Phase 2, West Palm Beach, Florida

Electrical modifications consist of upgrading lighting in A, B, and C Pods; designing new electrical panels, transformers, circuit breakers, connections, transfer switches replacing conduit and repairing door controls; adding new 1000kW generator and new 750kW generator. \$8.2 million

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New 14,000-sf fire station includes two diesel engine generators, 275kW for the fire station and 100kW for the evidence storage building, with 72-hour diesel tanks that provide 100% of each building load. An Automatic Transfer Switch is installed to transfer the building loads to the generator \$5 million / 16,500 sf

Deeridge Farms Maintenance Facility, Wellington, Florida

Mechanic shop with back-up 100 kW generator, office space, open lean storage, work-bay, greenhouse buildings, aggregate bins and temporary shed with plumbing and electrical. \$1.5 million / 11,600 sf

Charlotte County Sheriffs District 3 Headquarters, Englewood, Florida

New 38,000-sf facility consists of two separate buildings: an 18,000-sf district facility and a 20,000-sf evidence facility. Emergency generator at 800kW provides power to Administration building, Evidence building, and two chillers.

City of West Palm Beach Natural Gas Generator, West Palm Beach, Florida

Electrical modifications and natural gas connections for 400kW gas generator addition for installing in City Hall Garage. \$400,370



PROJECT ASSIGNMENT

Project Electrical Engineer - Quality Control

EDUCATION

Florida Institute of Technology
B.S., Engineering
1992

YEARS OF EXPERIENCE

TLC: 22 years

Prior: 7 years

REGISTRATIONS

PE FL 60046

CERTIFICATIONS

GGP, Green Building Initiative
LC, NCQLP

PROFESSIONAL AFFILIATIONS

IES, Member
IAEI, Member

BILL A. NANCE, RCDD, OSP

Electrical Design | Communications-Technology Specialist

BACKGROUND

Bill Nance has over 23 years of experience and knowledge in technology design, consulting, and project management. Specializing in communication technology, he holds the Registered Communications Distribution Designer (RCDD) credential and BICSI specialty credential of Outside Plant Designer (OSP). His project experience involves a range of client types designing Structured Cabling Systems, Data Networking, Voice Systems, Audio / Visual, Intrusion Detection, Access Control, and Surveillance systems. As OSP, Bill has the skills and experience to plan, develop, and oversee outside plant projects including modifications of existing facilities. He has an in-depth understanding of the necessary fiber cable storage, termination and access equipment to ensure the infrastructure is installed properly to meet the requirements for the facility's communication needs.

EXPERIENCE

City of Cocoa Beach Police Headquarters, Cocoa Beach, Florida

New three-story design-build police headquarters is designed to support growth through 2039. To support the critical facility during power outages, a 300kW generator and fuel tank are provided. They are located on a hurricane-rated elevated platform above potential storm surge levels and will handle 100% of the building load for 72 hours. 2022, DBIA Florida, Best Overall Design-Build Project of the Year. \$8.5 million / 23,237 sf

DeLand Fire Station 81 and Evidence Storage Building, DeLand, Florida

New 14,000-sf fire station includes two diesel engine generators, 275kW for the fire station and 100kW for the evidence storage building, with 72-hour diesel tanks that provide 100% of each building load. An Automatic Transfer Switch is installed to transfer the building loads to the generator. \$5 million / 16,500 sf

New Port Richey VA Community Based Outpatient Clinic

New two-story outpatient clinic includes a 1,500 kW (1,875 kVA), 277/480V, 3ph, 4W diesel-fueled engine generator set. Certified One Green Globe. \$113 million / 157,500 sf

Indian Harbour Beach Police Headquarters, Indian Harbour Beach, Florida

New single-story police station outfitted with the necessary technology to be easily converted to the city's emergency command center. The building is constructed in accordance with the latest, stringent building codes to withstand a major hurricane (170 mph with 3-sec wind gust). A 300kw generator with a 1,971-gallon diesel tank provides 96 hours of backup power during a power outage. \$3 million / 14,100 sf

Polk County Northeast Government Center, Lake Alfred, Florida

New administration building consolidates multiple government services into one location. A 300kW generator feeding two automatic transfer switches provides back-up power to the server/IT rooms and associated dedicated HVAC units. \$20 million / 70,000 sf



PROJECT ASSIGNMENT

Electrical Design:
Communications / Technology
Specialist

EDUCATION

Marion Technical College
A.S., Electrical and Electronics
Engineering
1996

YEARS OF EXPERIENCE

TLC: 4 years

Prior: 21 years

CERTIFICATIONS

Registered Communications
Distribution Designer (RCDD),
BICSI
Outside Plant Designer (OSP),
BICSI

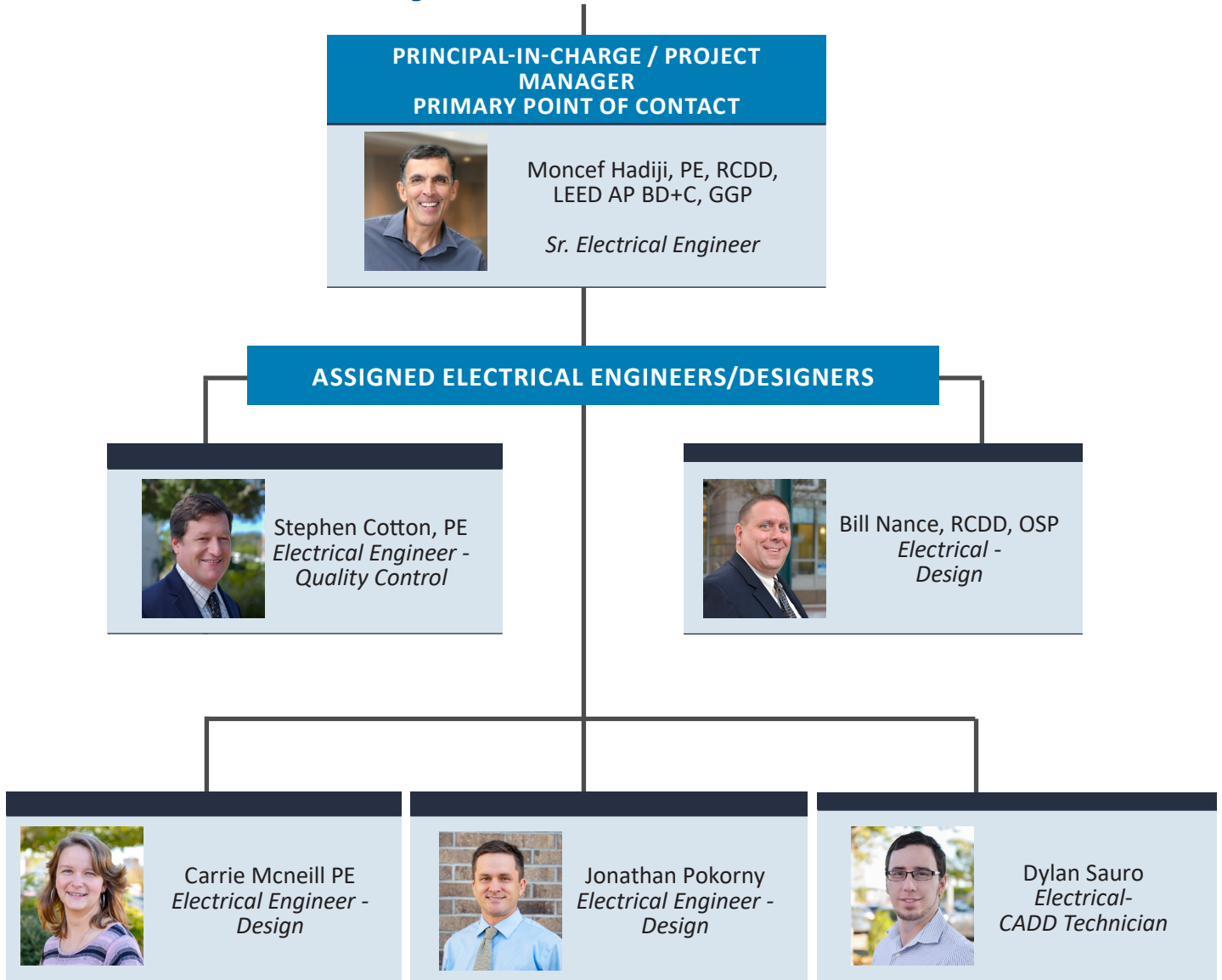
PROFESSIONAL AFFILIATIONS

Illuminating Engineering
Society, Member
Building Industry Consulting
Service International, Member

E. ORGANIZATIONAL CHART

TLC has assigned the staff shown on the organization chart below to this contract. Our Project Manager will be supported by a talented group of engineers and designers that have extensive project experience that will aid in the efficient and expedient design. All selected team members have an in-depth knowledge of performing assessment needs and conducting existing condition surveys in order to define scope and costs for the project.

City of Port St. Lucie



TAB 3

Methodology / Approach



TAB 3 - METHODOLOGY / APPROACH

TLC’s technical approach and methods for this project have been developed based on extensive prior experience with similar projects and City facilities. TLC understands the importance of maintaining 24/7 operations of critical facilities to maintain operations during power outages. We also understand that location and high wind rated enclosures are also critical to protect the generators from damaging winds.

Our Team uses an integrated design approach, focused on a thorough schematic design process to fully assess existing conditions, project priorities, life cycle cost considerations, and options to allow the design team and the City of Port St. Lucie to make informed decisions early in the design process. We will use the following approach to develop and analyze design alternatives:

PROJECT MANAGEMENT PROCESS

Moncef Hadiji, PE, will serve as the Project Manager for this project. Moncef will be responsible for project coordination, budgeting, scheduling, and will serve as the primary Point of Contact to the City. With over 30 years of engineering experience, Moncef offers broad and diverse electrical design expertise with a particular focus on mission critical redundant power systems.

Moncef will lead the team in a kick-off meeting held with the City of Port St. Lucie project representatives to set the communication processes, define project goals, issues and priorities, and to review the schedule and critical milestone dates. During the team orientation meeting, he will review the



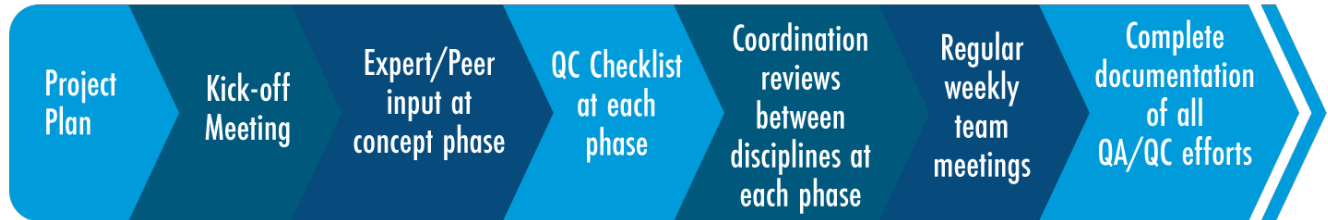
Pictured above is of a recent 2022 Brevard County Space Coast Area Transit Generator replacement. The project’s electrical design was for a 100 kW generator and underground feeder. Moncef played a key role for the success of this project.

project scope and required services, design standards, project deliverables for the contract, the assignment of documentation responsibilities, and the chain of communication and distribution of information between project team members.

Moncef will be supported by a talented group of electrical engineers and designers that have a wide range of project experience that will aid in the efficient and expedient design of the City’s new generator for their City Hall Municipal Complex - Building B.

Moncef will utilize powerful project management tools which allows careful monitoring of project specialty and staffing requirements. **All project deadlines are updated weekly, with daily notification as required to keep design teams aware of project priorities. Staffing requirements are tracked on a 6 month “look ahead” basis to all TLC managers to anticipate project requirements and implement additional resources if necessary.** Our strategy for executing projects includes these proactive principles and processes:

- We are **fully computerized to produce the work and communicate electronically** with all members of the design team and City of Port St. Lucie. TLC’s design and production tools include Revit MEP, Revit Structural and IES VE Pro for energy modeling and design analysis. TLC utilizes MicroSoft 360, a cloud-based technology system, to sharing large documents, between TLC, owners, architects, and contractors. Additionally, iPads issued to project managers and technical staff allow ready access to project documents in the field.
- We publish and distribute a project execution and delivery schedule at the start of the project. We **clearly define interim and final project deliverables and expectations** to ensure that all team members understand their responsibilities for producing complete design products and documentation.
- We recognize the importance of maintaining a consistent design team for continuity and efficiency and TLC is **committed to maintaining the same design team for the duration of this project.** Our policy is to utilize the same staff involved in the design development during the construction administration phase of the project, as those individuals are most familiar and prepared to address any issues during the design phase and are best positioned to absorb any “lessons learned.”



Proper project planning methods follow through construction administration to project closeout. TLC ensures conformance with quality standards.

PROJECT KICK-OFF MEETING

Our process starts with a kick-off meeting / planning session attended by all project stakeholders including City of Port St. Lucie, facility users, maintenance staff, as well as members of the design and construction team, if available. TLC’s project manager facilitates and documents the discussion exploring all potential design options. Input from Port St. Lucie project representatives will be given the opportunity to offer their opinions regarding project priorities and objectives. In addition to the initial planning session, follow-up meetings and/or interviews are often conducted with facility users or maintenance personal familiar with the building systems or operations of the facilities. TLC provides the meeting agenda, attendance sheet, and meeting minutes.

DESIGN PROJECT

PRELIMINARY DESIGN

TLC’s design process follows a proven standardized process incorporating City of Port St. Lucie requirements, involving development, submittal, and review of several design submittal, including:

Schematic Phase–Data Collection/Field Investigation:

This initial phase involves collection of design data and field investigation and evaluation of existing facility on-site conditions. This phase will also consider code and required standards requirements including: National Electric Code (NEC) and National Electric Safety Code (NESC), NFPA Codes and Standards, OSHA Rules and regulations, Florida Building Code, Life Safety Code (NFPA 101), Standard for Emergency and Standby Power Systems (NFPA 110), and applicable local and state codes and regulations.

Basis of Design: Our project will be driven by the development of a detailed basis of design (BOD) document, which will serve as the primary guideline for

project scope, priorities and requirements, and provide confirmation and documentation of design direction.

The document will include design data for the Fire Rescue Stations (FRS) and Emergency Medical Stations (EMS) outlined in the RFQ including size of the proposed generator, existing power loading and other materials and equipment installation as applicable, such as transformers, automatic transfer switches (ATS) and panel, and any required site improvements for the concrete pad and enclosure. TLC will develop a list of generators and their design requirements including capacity, wattage, model, etc. and submit to the City of Port St. Lucie for review, comment, and determination of preferred systems. TLC will develop preliminary design concepts and equipment location.

TLC will provide detailed advice regarding pros and cons of each generator to allow the City of Port St. Lucie to make an informed decision regarding the adequate size of the generator to support the critical facility. Long lead design and permitting issues are identified and presented for resolution. Field investigation and verification of existing conditions is recognized as a key task during this phase to confirm design approaches.

DESIGN DEVELOPMENT / DOCUMENT PHASES

As the planning and Schematic Design transitions into Design Development, a meeting will be held with the City of Port St. Lucie. During this meeting, we would also review the design standards and project deliverables for each subsequent phase including design submittals TLC’s design team will meet with Port St. Lucie stakeholders following each design submittal to discuss review comments to confirm understanding and agreement on proposed resolution. Formal design review meeting minutes will be issued documenting points of discussion, action items, and proposed disposition of review comments.

The design of all systems will be based on the City of Port St. Lucie’s selections and decisions as determined during the schematic phase. Our design, bid, and construction documents will incorporate Port St. Lucie design standards and applicable federal, state, and local rules and regulations including FEMA Hazard Mitigation Grant Program (HMGP). TLC will also list any variations from Code of Federal Regulations (CFR) and Specifications Manual and document that the variations are accepted by the City of Port St. Lucie Specifications will also be included at each design submittal.



TLC will develop cost estimates and submit with each project deliverable (schematic, design development, and construction document phases) during the design process to allow adjustment as required.

Engineer’s Opinion of Probable Construction Cost.

We utilize cost estimating spreadsheets to complete costs for all portions of work by using Means Database, our project experience in the Central Florida and the City of Port St. Lucie area, and discussions with select contractors and subcontractors, which allow us to elicit “real-time” cost estimates that reflect current market conditions. If there is more than 10% variance in our estimate at the 60% design deliverable, we will advise the City of Port St. Lucie of the difference in cost so that an agreement can be reached on design changes to reduce construction costs to an acceptable level. Our staff understands the importance of accurate cost estimating and has the necessary experience in producing detailed cost estimates and cost summaries.

Permitting. TLC will provide signed and sealed drawings for the contractor to obtain the required building permits.

Bid Phase. TLC performs construction bid phase services including providing bid documents as required by

the City, attend pre-bid meeting, address questions by prospective bidders, review / evaluate bids for completeness and accuracy, and contract award recommendation.

CONSTRUCTION ADMINISTRATION

Careful monitoring of projects while in construction is essential to the project’s overall success. **Our approach to this phase of the project is comprehensive in that we continue to involve our key designers in the project – including field inspections.** This continuity provides faster responses and better understanding of the historical reasons why the design decisions were made. TLC’s activities during this phase include:

- Attendance and involvement at **pre-construction and construction progress meetings.**
- **Shop drawing submittal** reviews and responses.
- Conduct site visits and issue reports noting defective work, deficiencies, concerns, and areas requiring correction to ensure **conformance with Contract Documents.**
- Review contractor’s **application for payment.**
- Logging, tracking and delivering responses to **Requests for Information.** Depending on complexity and priority, RFI’s are evaluated, prepared and returned to the contractor within two to five days.
- Review **Change Orders.** Depending on complexity and priority, TLC evaluates, prepares, and submits the CO within three to ten days.
- Perform site visit for **startup testing and substantial completion** inspections and issue reports.
- **Final Project Close-out:**
 - Perform a final site visit / inspection
 - Review and approve contractor’s final application for payment
 - Confirm that the work has been completed pursuant to the City’s General Conditions
 - Review contractor’s as-built drawing markups and prepare record drawings
 - Receive, review and respond to Operation and Maintenance Manuals

Once all goals, objectives, and deliverables have been met, TLC completes our Post-Construction Evaluation form, which is designed to solicit feedback from project

team members and other stakeholders to derive best practices and formulate lessons learned.

QUALITY ASSURANCE / QUALITY CONTROL

TLC's QA/QC process starts with proper project planning and continues through construction administration and eventually to project closeout. Our QC Team includes active participation of principals and senior engineering staff throughout the course of the project. Each design discipline is headed by a key member of the firm to ensure quality and completeness of all phases of the work. In-house coordination meetings are conducted weekly to discuss technical developments, coordinate design among disciplines, and to monitor schedules.

Peer reviews will be conducted by senior engineers not assigned to the team to provide additional oversight into system selections and compel the designer to qualify why certain design decisions were made. Final peer review of documents is employed to verify coordination and completeness.

The final review, which is conducted by the Project Manager, will verify that all documents have been checked according to TLC's QA/QC Process and have been implemented on the project.

PROJECT SCHEDULE

Establishing schedules that reflect a realistic time frame for the sequential interaction of City of Port St. Lucie, the project team, and external review agencies is key to meeting project milestones and final schedule goals. We understand the importance of including Port St. Lucie in the scheduling process since the City will assume a major role in the decision-making and review process. Our Team will continually keep the City informed of the impact of decision-making, scope adjustments, and design reviews on the project schedule.

TLC has prepared the following preliminary schedule for this project as shown below. The schedule will be modified to reflect the actual dates based upon a notice to proceed, as well as provide any additional phases and elements of the work.

- 1 to 2 days: Kick Off Meeting & Site Investigation
- 4 to 6 weeks: Design Drawings
- 3 to 4 weeks: Bidding
- 40 to 72 weeks: Construction

TAB 4


Certified Minority
Business Enterprise



TAB 4 – CERTIFIED MINORITY BUSINESS ENTERPRISE

TLC ENGINEERING SOLUTIONS INC., IS NOT A MINORITY BUSINESS ENTERPRISE.

TAB 5



Additional Required
Proposal Submittal Forms



TAB 5 – ADDITIONAL REQUIRED PROPOSAL SUBMITTAL FORMS

ATTACHMENT B - E-RFP #20230108

CONSULTANT'S GENERAL INFORMATION WORK SHEET E-RFP #20230108

It is understood and agreed that the following information is to be used by the City to determine the qualifications of prospective Consultant to perform the work required. The Consultant waives any claim against the City that might arise with respect to any decision concerning the qualifications of the Consultant.

The undersigned attests to the truth and accuracy of all statements made on this questionnaire. Also, the undersigned hereby authorizes any public official, Engineer, Surety, bank, material or equipment manufacturer, or distributor, or any person, firm or corporation to furnish the City any pertinent information requested by the City deemed necessary to verify the information on this questionnaire.

Dated at TLC Engineering Solutions, Inc., this 15 day of October, 2023
 (Location)

Name of Organization/Consultant: TLC Engineering Solutions, Inc.

By: Gary C. Krueger, Vice President / Executive Director
 Name and Title

1. Corporation, Partnership, Joint Venture, Individual or other? Corporation

2. Firm's name and main office address, telephone, and fax numbers

Name: TLC Engineering Solutions, Inc.

Address: 7370 Cabot Court, Suite 103, Melbourne, FL 32940

Telephone Number: 321-636-0274

Fax Number: 321-639-8986

3. Contact person: Gary C. Krueger Email: gary.krueger@tlc-eng.com

4. Firm's previous names (if any). _____

5. **ADDENDUM ACKNOWLEDGMENT** - Bidder acknowledges that the following addenda have been received and are included in its proposal/bid:

Addendum Number	Date Issued	Addendum Number	Date Issued
#1	10/2/2023		

6. List any lawsuits pending or completed within the past five (5) years involving the corporation, partnership or individuals with more than ten percent (10 %) interest:

See attached document
 (N/A is not an acceptable answer - insert lines if needed)

7. List any judgments from lawsuits in the last five (5) years:
See attached document

(N/A is not an acceptable answer - insert lines if needed)

8. List any criminal violations and/or convictions of the Proposer and/or any of its principals:
TLC Engineering Solutions has been involved in any criminal violations or convictions in the full history of the company.

(N/A is not an acceptable answer - insert lines if needed)



Signature

Vice President / Executive Director
 Title



6. List any lawsuits pending or completed within the past five (5) years involving the corporation with more than ten percent (10%) interest:

7. List any judgments from lawsuits in the last five (5) years:

TLC Engineering Solutions, Inc. is a national engineering firm with 68+ years of successfully completed projects. That large volume of projects, as well as the many jurisdictions where we provide services subjects us to periodic claims and litigations, the majority of which involve the entire design team, regardless of our performance. None of our past or current claims have impacted our financial stability or our ability to provide quality services. A summary of our claims/litigation in the past five years follows. Should additional information be required, please contact us.

Pending:

Doseum, San Antonio, TX / Bexar County Court. 2019-CI-29995 Parties: Doseum vs Contractor, Architect, and TLC / Status: Open

Rocky Point Autograph Hotel / Florida 13th Judicial Circuit 20-CA-007051 Parties: Rocky Point Holdings v. Architects, TLC / Status: Open

Glenpoint Associates LLC / Bergen County BER-L-005581 / Parties: Glenpoint Associates, LLC v Manufacturer, Contractor & Subcontractors, Distributer, and TLC Status: Open

Dr. Phillips Performing Arts Center - Phase 2 Orange County 9th Judicial Circuit 2022-CA-07732-O Parties: Whiting Turner v. Subcontractors, Subcontractor Insurance, Architects (TLC is Third Party Defendant) Status: Open

Closed:

Federation Senior Living, Palm Beach, FL / 15th Judicial Circuit Florida. 50-2017-CA-007936 Parties: Federation CCRC Operations Corp vs Contractor, Architect, and TLC (Third Party) Status: Settled 2023

Brickell City Center Condominium, Miami, FL / 11th Judicial Circuit Florida. 2021-001706-CA-01 Parties: Brickell City Center v Over 70 Defendants incl TLC Status: Settled 2023

EJ Healy Senior Living, Palm Beach, FL / 15th Judicial Circuit Florida. 50-2017-CA-003123 Parties: Health Care District of Palm Beach Count v. Contractor, Architect, and TLC / Status: Settled 2022

3200 S Ocean Condominium / FL 15th District Court / 2020-CA-006984 Parties: 3200 Seagate LLC v. over 15 defendants /Status: Settled 2021

WPN Property Holdings / Wells Pharmacy, Gainesville, FL / 5th Judicial Circuit Florida. 2017-CA-000928-AX Parties: WPN Property Holdings vs Contractor, Architect, and TLC / Status: Settled 2020

Moorings Park Senior Living, Naples, Florida / 20th Judicial Circuit FL. 2017-CA-1914 Parties: Suffolk Construction vs Page Mechanical / Cause/Status: Settled 2020

736 First Street Residence, Miami, FL / 11th District Court / 2015-CA-029220 Parties: First Street Development, LLC v Architect & Design team Status: Settled 2020

MidBlock Miami Condo, Miami, FL / 11th Judicial Circuit Florida. 2018-012860-CA-01 / Parties: Midblock Miami Condo Assoc. v. Over 20 defendants / Status: Settled 2019

Paramount Bay Condo, Miami, FL / 11th Judicial Circuit Florida. 2015-011061-CA-01 / Parties: Paramount Bay Condo. Assoc. v. Developer, Contractor and Design team Status: Settled 2019

Terra Beachside Condos, Miami Beach, FL / 11th Judicial District Florida 2015-017400-CA-01 / Parties: Terra Beachside Condominium Association, Inc. v. Developer, Contractor, and TLC / Status: Settled 2019



Leon County Educ. Authority, Tallahassee, FL / 2nd Judicial District Florida 2014 CA 389 / Parties: Leon County Educational Fac. v Contractor, Architects and TLC Status: Settled 2018

Toscana Bay Condo, Miami, FL / 11th Judicial District Florida. 2015-021747-CA-01
Parties: Toscano Condominium Assoc. v. Contractor & Architect (TLC was 3rd Party) Status: Dropped 2018

Villa Verde Condo Association, Cocoa Beach, FL / 18th Judicial Circuit Florida, 05-2014-CA-025592
Parties: Ville Verde v. Contractor and Design team Status: Settled 2018

NOTICE TO ALL PROPOSERS

To ensure fair consideration is given for all Proposers, it must be clearly understood that upon release of the proposal and during the proposal process, firms and their employees of related companies as well as paid or unpaid personnel acting on their behalf shall not contact or participate in any type of contact with City employees, department heads or elected officials, up to and including the Mayor and City Council. The **"Cone of Silence"** is in effect for this solicitation from the date the solicitation is advertised on DemandStar, until the time an award decision has been approved by City Council and fully executed by all parties. Information about the Cone of Silence can be found under the [City of Port St. Lucie Ordinance 20-15, Section 35.13](#). Contact with anyone other than the Issuing Officer may result in the vendor being **disqualified**. All contact must be coordinated through Ms. Robyn Holder, Issuing Officer, for the procurement of these services.


All questions regarding this Solicitation are to be submitted in writing to Robyn Holder, Procurement Manager with the Procurement Management Department via e-mail rholder@cityofpsl.com, or by phone 772-344-4293. Please reference the Solicitation number on all correspondence to the City.

All questions, comments and requests for clarification must reference the Solicitation number on all correspondence to the City. Any oral communications shall be considered unofficial and non-binding.

Only written responses to written communication shall be considered official and binding upon the City. The City reserves the right, at its sole discretion, to determine appropriate and adequate responses to the written comments, questions, and requests for clarification.

*NOTE: All addendums and/or any other correspondence before bid close date (general information, question and responses) to this solicitation will be made available exclusively through the [DemandStar's Website](#) for retrieval. All notice of intent to award documentation will be published on the [City Clerk's Website](#). Proposers are solely responsible for frequently checking these websites for updates to this solicitation.

I understand and shall fully comply with all requirements of City of Port. St. Lucie Ordinance 20-15, Section 35.13.

Typed Name: Gary C. Krueger
Signed: 
Company and Job Title: TLC Engineering Solutions, Inc., Vice President / Executive Director
Date: 10/15/2023



"A City for All Ages"

CONSULTANT'S CODE OF ETHICS

The City of Port St Lucie ("City), through its Procurement Management Department ("Procurement Management Department") is committed to a procurement process that fosters fair and open competition, is conducted under the highest ethical standards and enjoys the complete confidence of the public. To achieve these purposes, Procurement Management Department requires each vendor who seeks to do business with the City to subscribe to this Consultant's Code of Ethics.

- ◆ A Consultant's bid or proposal will be competitive, consistent and appropriate to the bid documents.
- ◆ A Consultant will not discuss or consult with other Vendors intending to bid on the same contract or similar City contract for the purpose of limiting competition. A Vendor will not make any attempt to induce any individual or entity to submit or not submit a bid or proposal.
- ◆ Consultant will not disclose the terms of its bids or proposal, directly or indirectly, to any other competing Vendor prior to the bid or proposal closing date.
- ◆ Consultant will completely perform any contract awarded to it at the contracted price pursuant to the terms set forth in the contract.
- ◆ Consultant will submit timely, accurate and appropriate invoices for goods and/or services actually performed under the contract.
- ◆ Consultant will not offer or give any gift, item or service of value, directly or indirectly, to a City employee, City official, employee family member or other vendor contracted by the City.
- ◆ Consultant will not cause, influence or attempt to cause or influence, any City employee or City Official, which might tend to impair his/her objectivity or independence of judgment; or to use, or attempt to use, his/her official position to secure any unwarranted privileges or advantages for that Vendor or for any other person.
- ◆ Consultant will disclose to the City any direct or indirect personal interests a City employee or City official holds as it relates to a Vendor contracted by the City.
- ◆ Consultant must comply with all applicable laws, codes or regulations of the countries, states and localities in which they operate. This includes, but is not limited to, laws and regulations relating to environmental, occupational health and safety, and labor practices. In addition, Consultant

must require their suppliers (including temporary labor agencies) to do the same. Consultant must conform their practices to any published standards for their industry. Compliance with laws, regulations and practices include, but are not limited to the following:

- Obtaining and maintaining all required environmental permits. Further, Consultant will endeavor to minimize natural resource consumption through conservation, recycling and substitution methods.
- Providing workers with a safe working environment, which includes identifying and evaluating workplace risks and establishing processes for which employee can report health and safety incidents, as well as providing adequate safety training.
- Providing workers with an environment free of discrimination, harassment and abuse, which includes establishing a written antidiscrimination and anti-bullying/harassment policy, as well as clearly noticed policies pertaining to forced labor, child labor, wage and hours, and freedom of association.

Name of Organization/Proposer TLC Engineering Solutions, Inc.

Signature 

Printed Name and Title Gary C. Krueger Vice President / Executive Director

Date 10/15/2023

DISCLAIMER: This Code of Ethics is intended as a reference and procedural guide to Consultants. The information it contains should not be interpreted to supersede any law or regulation, nor does it supersede the applicable Consultant contract. In the case of any discrepancies between it and the law, regulation(s) and/or Consultant contract, the law, regulatory provision(s) and/or vendor contract shall prevail.

E-Verify Form

Contractor acknowledges and agrees to the following:

1. Shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Supplier/Consultant during the term of the contract; and
2. Shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

E-Verify Company Identification Number 2070661

Date of Authorization October 15, 2023

Name of Contractor Gary C. Krueger

Name of Project Professional Design Services for a New Emergency Generator at Building B

Solicitation Number (If Applicable) 20230108

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

Executed on October, 15, 2023 in Melbourne (city), Florida (state).



 Signature of Authorized Officer

Gary C. Krueger Vice President / Executive Director

 Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE 15 DAY OF October, 2023.

NOTARY PUBLIC  _____

My Commission Expires: 4/19/2027



NON-COLLUSION AFFIDAVIT

State of Florida

County of Brevard }

Gary C. Krueger, being first duly sworn, disposes and says that:

(Name/s)
Vice President /

1. They are Executive Director of TLC Engineering Solutions, Inc. the Proposer that

(Title)

(Name of Company)

has submitted the attached PROPOSAL;

2. He 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 sham Proposal;

4. Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Proposer, firm or person to submit a collusive or sham Proposal in connection with the contract for which the attached proposal has been submitted or to refrain from proposing in connection with such Contract or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer, firm or person to fix the price or prices in the attached Proposal or of any other Proposer, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Port St. Lucie or any person interested in the proposed Contract; and

5. The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(Signed) 

(Title) Vice President / Executive Director

DRUG-FREE WORKPLACE FORM

The undersigned Contractor in accordance with Florida Statute 287.087 hereby certifies that
TLC Engineering Solutions, Inc. does:
(Name of Business)

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

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



Bidder's Signature

10/15/2023
Date:

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES' LISTS

Vendor Name: TLC Engineering Solutions, Inc.
Vendor FEIN: 59-1228645
Authorized Representative's Name: Gary C. Krueger
Authorized Representative's Title: Vice President / Executive Director
Address: 7370 Cabot Court, Suite 103
City, State and Zip Code: Melbourne, Florida 32940
Phone Number: 321-636-0274
Email Address: gary.krueger@tlc-eng.com

Sections 287.135 and 215.473, Florida Statutes, prohibit Florida municipalities from contracting with companies, for goods or services over \$1,000,000 that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or to engage in any Business operations with Cuba or Syria. Sections 287.135 and 215.4725 also prohibit Florida municipalities from contracting with companies, for goods or services in any amount that are on the list of Scrutinized Companies that Boycott Israel.

The list of "Scrutinized Companies" is created pursuant to Section 215.473, Florida Statutes. A copy of the current list of "Scrutinized Companies" can be found at the following link:
<https://www.sbafla.com/fsb/FundsWeManage/FRSPensionPlan/GlobalGovernanceMandates/QuarterlyReports.aspx>

As the person authorized to sign on behalf of the Respondent Vendor, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List; or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; is not participating in a boycott of Israel; and does not have any business operations with Cuba or Syria. I understand that pursuant to Sections 287.135 and 215.473, Florida Statutes, the submission of a false certification may subject the Respondent Vendor to civil penalties, attorney's fees, and/or costs.

I understand and agree that the City may immediately terminate any contract resulting from this solicitation upon written notice if the company referenced above are found to have submitted a false certification or any of the following occur with respect to the company or a related entity: (i) for any contract for goods or services in any amount of monies, it has been placed on the Scrutinized Companies that Boycott Israel List, or is engaged in a boycott of Israel, or (ii) for any contract for goods or services of one million dollars (\$1,000,000) or more, it has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or it is found to have been engaged in business operations in Cuba or Syria.

Authorized Signature

Gary C. Krueger

Print Name

Signature



TRUTH-IN-NEGOTIATION CERTIFICATE AND AFFIDAVIT

STATE OF FLORIDA §
COUNTY OF ST. LUCIE §

Before me, the undersigned authority, personally appeared affiant Gary C. Krueger, who being first duly sworn, deposes and says:

1. That the undersigned firm is furnishing this Truth in Negotiation Certificate pursuant to Section 287.055(5)(a) of the Florida Statutes for the undersigned firm to receive an agreement for professional services with the City of Port St. Lucie, St. Lucie County, Florida.

2. That the undersigned firm is a corporation which engages in furnishing professional engineering services and is entering into an agreement with the City of Port St. Lucie, St. Lucie County, Florida to provide professional services for a project known as Professional Design Services for a New Emergency Generator at Building B, Contract #20230108.

3. That the undersigned firm has furnished the City of Port St. Lucie, St. Lucie County, Florida a detailed analysis of the cost of the professional services required for the project.

4. That the wage rate information and other factual unit cost, which the undersigned firm furnished, were accurate, complete and current at the time the undersigned firm and the City of Port St. Lucie entered into the agreement for professional services on the project.

5. That the agreement which the undersigned firm and the City of Port St. Lucie entered into on this job contained a provision that the original agreement price and any additions thereto shall be adjusted to include any significant sums by which the City of Port St. Lucie determines the agreement price was increased due to inaccurate, incomplete or non-current wage rates or other factual unit cost and that all such agreement adjustments shall be made within one (1) year following the end of the agreement.

FURTHER AFFIANT SAYETH NAUGHT

TLC Engineering Solutions, Inc.

Name of Firm

By: *Gary C. Krueger*
President

The foregoing instrument was acknowledged before me by Gary C. Krueger who has produced _____ as identification or is personally known to me.

WITNESS my hand and official seal in the State of County last aforesaid this 15 day of October, 2023.

(SEAL)

Katie Jacob
Signature

Katie Jacob
Notary Name (typed or printed)

TLC Marketing Assistant
Title or Rank



KATIE JACOB
Notary Public
State of Florida
Comm# HH388795
Expires 4/19/2027



www.tlc-engineers.com