

# QUALIFICATIONS AND CREDENTIALS

2750 Lake Villa Drive  
Metairie, LA 70002  
[www.n-yassociates.com](http://www.n-yassociates.com)



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## Rheem Facility Renovation Resolution No. 144735



Presented To:  
Jefferson Parish



September 12, 2024

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### *Subconsultant: Mechanical, Electrical & Plumbing Engineering*

- TEC Professional Services Questionnaire

## **D. BFM CORPORATION, LLC**

### *Subconsultant: Topographic Surveying*

- TEC Professional Services Questionnaire

## **E. GULF SOUTH ENGINEERING & TESTING, INC.**

### *Subconsultant: Geotechnical Engineering*

- TEC Professional Services Questionnaire



## A. N-Y TEAM INTRODUCTION

- Cover Letter
- N-Y Team Organization Chart



Reply to Metairie Office

MICHAEL F. NICOLADIS	PRESIDENT
CONSTANTINE F. NICOLADIS, P.E.	SENIOR VICE PRESIDENT
JAMES E. SIMMONS, P.E.	VICE PRESIDENT
MICHAEL G. BUISSON, JR., ARCHITECT, AIA	VICE PRESIDENT
BRUCE J. RICHARDS, AICP, PTP	VICE PRESIDENT
KRISTIN H. PEARCE, CPA, MBA	VICE PRESIDENT
FRANK NICOLADIS, P.E.	CHAIRMAN, FOUNDER

ESTABLISHED 1969

September 12, 2024

Jefferson Parish  
General Government Building  
200 Derbigny Street, Suite 4400  
Gretna, LA 70053

**Re: Rheem Facility Renovation, Resolution No. 144735**

Ladies and Gentlemen:

N-Y Associates, Inc. (N-Y) is pleased to submit our statement of qualifications to provide design and construction administration for the Rheem Facility Renovation.

**BACKGROUND:**

Although N-Y Associates, Inc. is sometimes mistaken for "New York", N-Y is a fifty-five (55) year-old family owned, multi-discipline firm founded and headquartered in Jefferson Parish. Offering extensive local experience, N-Y has been providing architecture, engineering, planning and project management services to federal, state, regional, parish and city agencies throughout southern Louisiana since 1969.

N-Y's staff includes architects; civil, hydraulic and structural engineers; program and project managers; urban planners; construction inspectors and technical support personnel, each of whom offers extensive relevant experience in architectural and engineering projects throughout the Parish.

N-Y has been working throughout Jefferson Parish since its inception. Our public agency clients have included the Parish, the Jefferson Parish School Board, the Jefferson Parish Sheriff's Office, the City of Kenner, LADOTD, and the Regional Planning Commission. This longevity of experience has provided N-Y's architects and engineers with extensive knowledge of the design criteria, system of approvals, and construction methods typical to the types of projects anticipated from this RFQ.

**TEAM:**

N-Y has assembled a team of highly qualified and experienced personnel, who have the educational background, licensure and experience to seamlessly provide the required professional services for Jefferson Parish.

- Mr. Michael G. Buisson, AIA, NCARB, LEED AP, a Vice President and N-Y's Director of Architecture, will serve as N-Y's Project Manager. He has 33 years of experience managing projects from Programming and Schematics through Construction Documents, Bidding, Negotiating, and Construction Administration. His background encompasses a broad range of architectural experience, including municipal, education, hospitality, medical and corporate buildings and includes master planning, strategic planning, programming, preliminary & final design, construction administration and LEED® Compliance.
- *Mr. Buisson and his key staff have extensive recent experience in major building renovations – including all of the anticipated items in the Rheem Facility Renovation – for the Jefferson Parish Sheriff's Office, the Jefferson Parish School Board, and the St. John the Baptist, Lafourche, Plaquemines and Orleans Parish / Recovery School District School Boards.*





Mr. Buisson will be supported by a team of senior professionals with over thirty (30) years average experience including Michael Schmidt, Architect; Christian Bourgeois, Architect; Tracy Lucas, NCARB, Architect; Constantine Nicoladis, PE; James E. Simmons, PE; Fred Mortali, PE; William Haensel, PE, PLS; Neil Logan, PE; Steven Fall, PE; Patricia Claverie, EI, MS; Dennis Voss, NICET; and Noah Jackson, CADD.

**To supplement our in-house staff, we will utilize the following subconsultant firms, each of which has extensive experience working with N-Y in Jefferson Parish.**

- **IMC Consulting Engineers, Inc. will provide Mechanical/HVAC, Electrical and Plumbing Engineering.**
- **BFM Corporation, LLC will provide Topographic Surveying.**
- **Gulf South Engineering and Testing, Inc. will provide Geotechnical Engineering.**

**The N-Y Team Organization Chart is provided following this cover letter.**

***CONCLUSION:***

Should we be selected, **Frank Nicoladis, PE** and I will ensure that the resources of N-Y and our subconsultants are efficiently utilized to provide you with excellent service, that your project's schedule and budget are met, and that N-Y's quality control plan is properly implemented.

**The N-Y Team** offers a proven combination of specialized experience, technical competence, capacity, and record of past performance that will provide Jefferson Parish the best possible value for these projects. Our team exceeds the qualifications and expertise necessary to successfully undertake this contract. We look forward to a favorable review of our qualifications.

Sincerely,  
**N-Y ASSOCIATES, INC.**

Michael F. Nicoladis  
President

## N-Y TEAM ORGANIZATION CHART



**Rheem Facility Renovation**  
**Resolution No. 144735**  
**SOQ 24-031**

### Senior Principal

**N-Y Associates, Inc.**  
**Frank Nicoladis, PE**

### Project Management

**N-Y Associates, Inc.**  
**Michael G. Buisson, AIA, NCARB, LEED AP – Project Manager**  
**Michael F. Nicoladis, EI, MBA – Contract / Subconsultant Management**

### Civil Engineering (sitework and utilities)

**N-Y Associates, Inc.**  
**Constantine F. Nicoladis, PE**  
**Fred C. Mortali, PE**  
**William Haensel, PS, PLS**  
**Patricia Claverie, EI, MS**

### Structural Engineering (if required)

**N-Y Associates, Inc.**  
**James E. Simmons, PE**  
**Steven Fall, PE**  
**Neil D. Logan, PE**

### Topographic Surveying

**BFM Corporation, LLC**  
**Ralph Fontcuberta, Jr, PLS**  
**Gary Lambert, PLS**  
**John Thayer, Field Operations**  
**Chris Lemley, Crew Chief**

### Architecture

**N-Y Associates, Inc.**  
**Michael Buisson, AIA, NCARB, LEED AP**  
**Michael Schmidt, Architect**  
**Christian Bourgeois, Architect**  
**Tracy Lucas, NCARB, Architect**

### CADD Support

**N-Y Associates, Inc.**  
**Dennis Voss, NICET**  
**Noah Jackson**

### Construction Quality Assurance Representatives

**N-Y Associates, Inc.**  
**Johnny Thompson, QAR**  
**Stanley Mitchell, QAR**

### Mechanical/HVAC, Electrical & Plumbing Engineering

**IMC Consulting Engineers, Inc.**  
**Paul Vlosich, PE**  
**Richard Nichols, PE**  
**Eugene "Chip" Higbee, III, PE**  
**Matthew Wender, PE**

### Geotechnical Engineering

**Gulf South Engineering and  
Testing, Inc.**  
**Chad Poche, PE**  
**Bryson S. Beard, EI**  
**Joseph Binder, III**  
**Eric A. Paille, CET, ACI**



## **B. N-Y ASSOCIATES, INC.**

### **Prime Consultant**

- **TEC Professional Services Questionnaire**
- **Letters of Recommendation**

# TEC PROFESSIONAL SERVICES QUESTIONNAIRE

<b>A.</b>	<b>Project Name and Advertisement Resolution Number:</b>					
	Rheem Facility Renovations Resolution No. 144735					
<b>B.</b>	<b>Firm Name &amp; Address:</b>					
	N-Y Associates, Inc. 2750 Lake Villa Drive Metairie, LA 70002					
<b>C.</b>	<b>Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana</b>					
	Constantine F. Nicoladis, PE, Principal / Senior Vice President TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 <a href="mailto:cnicoladis@n-yassociates.com">cnicoladis@n-yassociates.com</a>		Frank Nicoladis, Senior Principal TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 <a href="mailto:fnicoladis@n-yassociates.com">fnicoladis@n-yassociates.com</a>			
<b>D.</b>	<b>Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.</b>					
	Michael G. Buisson, Jr., AIA, NCARB, LEED AP - Vice President and Director of Architecture TEL No.: (504) 885-0500 FAX No.: (504) 885-0595 <a href="mailto:mbuisson@n-yassociates.com">mbuisson@n-yassociates.com</a>					
<b>E.</b>	<b>Please provide the number of employees whose primary function corresponds with each category:</b>					
	2	Administrative	*	Estimators	**	Specification Writers
	4	Architects (Licensed)	--	Geologists	4	Structural Engineers
	--	Chemical Engineers	--	Geotechnical Engineers		Graduate Engineers
	5	Civil Engineers	--	Interior Designers		Project Managers
	3	Construction Inspectors	--	Landscape Architects		Clerical
	--	Ecologists	--	Land Surveyor		Grant/Funding Specialist
	--	Electrical Engineers	--	Mechanical Engineers	***	Sanitary Engineers
	2	Engineer Intern (Civil)	--	Environmental Engineers	****	Transportation Engineers
		Professional Land Surveyors	1	Planners Urban/Regional	2	CAD Operators
					1	Eng. Technicians (Civil)
					24	<b>TOTAL</b>
	<p>* N-Y senior technical personnel prepare cost estimates.</p> <p>** N-Y senior technical personnel write specifications.</p> <p>*** N-Y Sanitary Engineers are included in Civil Engineers.</p> <p>**** N-Y Transportation Engineers are included in Civil and Structural Engineers</p>					
<b>F.</b>	<b>Is this submittal by a JOINT-VENTURE?</b>					
	Please check: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>					
	If marked "No" skip to Section I. If marked "yes" complete Sections G-H.					



G.	If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.		
	N/A		
H.	Has this JOINT-VENTURE previously worked together? Please check:		
	YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
I.	List all subcontractors anticipated for this Project. Please note that <u>all subcontractors must submit a fully completed copy of this questionnaire</u> , applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.		
	Name and Address:	Specialty:	Worked with Firm Before (Yes or No):
1.	IMC Consulting Engineers, Inc. 3120 20th Street Metairie, LA 70002	Mechanical/HVAC, Electrical and Plumbing Engineering	Yes
2.	BFM Corporation, LLC 15 Veterans Boulevard Kenner, LA 70062	Topographic Surveying	Yes
3.	Gulf South Engineering and Testing, Inc. 15 Veterans Boulevard Kenner, LA 70062	Geotechnical Engineering	Yes
4.			
5.			
6.			
J.	Please specify the total number of support personnel that may assist in the completion of this Project:		
	<u>20</u>		

- K. List the professional in charge, key persons, specialists, & individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

**PROFESSIONAL IN CHARGE OF PROJECT:**

Name & Title:

**Michael Buisson, Jr., AIA, NCARB, LEED AP - Vice President and Director of Architecture**

Project Assignment:

**Project Manager / Lead Architect**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**8 Years (25 years with other firms)**

Education: Degree(s)/Year/Specialization:

**Bachelor of Architecture/1991/Architecture**

Active registration: Year first registered/discipline:

**LA (4617)/1994/Architecture**

Other experience and qualifications relevant to the proposed Project:

**Mr. Buisson's over 30 years of experience encompasses a broad range of architectural experience and includes master planning, strategic planning, programming, preliminary and final design, construction administration and LEED Compliance. N-Y provides these types of services for both public and private clients.**

**Buildings – Major Renovations**

**SWBNO Resiliency Complex; Sewerage & Water Board of New Orleans:** Renovation of the existing 20,000 SF Head House Building for use as a Safe House including structural modifications to meet the FEMA P-361 criteria; A new 20,500 SF "Infill Building" between the existing Head House and Engineering Complex designed to meet FEMA P-361 criteria; and Hardening of the adjacent Engineering Complex (windows, doors and roof) to meet current IBC wind speeds up to 150 mph.

**JPSO Warehouse and Firing Range; Harvey, LA:** This project includes replacing 109,000 sf of metal roofing and light gauge structure. HVAC systems, interior finishes including floors, walls and suspended acoustical ceilings were replaced and new firing range equipment was installed.

**Marrero Wastewater Treatment Plant Administration Building and Safe House; Marrero, LA:** A new 5,400 SF administration and safe house building including a lobby, 3 offices, an operations room, a lab, a training room with storage, a break room, locker rooms, toilet rooms, electrical & mechanical rooms and a storage room. 2,056 SF of this facility was designed as a safe room per FEMA 361 criteria to allow for sheltering in place of West Bank Sewerage Dept. personnel during storm events.

**Ben Franklin Elementary School Renovation; New Orleans, LA:** Renovations and Refurbishments to this historic Elementary School which included window replacement, shear wall repair, mortar tuckpointing, roof repairs and drainage repairs. New interior finishes were added to the scope of the project to create a modern interior learning environment. New HVAC units were added with electric heat to replace the inefficient and unsafe radiators in the building.

**Lafayette Elementary School, Phases I and II; New Orleans, LA:** Renovations & Repairs due to water intrusion caused by Hurricane Katrina. Phase I included replacement of existing doors & windows, repair of masonry, and new interior finishes. Phase II included the installation of foam boards and lightweight concrete with fiber reinforcing to level the 1<sup>st</sup> and 2<sup>nd</sup> floors. Replacement of all ceiling tiles and grid; and custom millwork on the 1<sup>st</sup> and 2<sup>nd</sup> floors. Replacement of all electrical wiring, lighting and special systems; chillers, HVAC units and ductwork and plumbing piping.

**East St. John High School; St. John the Baptist Parish, LA:** This project includes replacing multiple Modified Bitumen Roofing at this 178,000 SF High School. All ceiling tiles and insulation in the ceiling cavities are being replaced along with gypsum board walls, millwork, and equipment damaged during the storm. Electrical, HVAC and Special Systems all having diagnostic checks and all required repairs are a part of the contract.

**Airline Park Elementary School; Jefferson Parish, LA:** This project includes the replacement of the second floor and stair guardrails and the replacement of existing curtainwall systems at the first and second floor classrooms of one classroom building on the campus. The classroom building will also receive new HVAC in all classrooms and an outside air unit serving the entire building.

**Mildred Harris Elementary School; Jefferson Parish, LA:** Programming and design services for FEMA sponsored hurricane damage repairs to the 35,200 SF campus. This campus will require the following repairs: roof and walkway covers; outside walls; walls and ceilings; flooring; lighting; HVAC; and fencing and rolling gate repairs.

**Re-roofing of Buildings A, C, and D at Airline Park Academy for Advanced Studies for the Jefferson Parish School Board; Jefferson Parish, LA:** Design for the re-roofing of Buildings A, C, and D. The roofing system for Building A is 19,200 SF; Building C's is 14,000 SF; and Building D's is 8,400 SF.

**JeffCap Head Start Building Renovation and Additions; Jefferson Parish, LA:** Complete interior renovation of the existing 5,050 SF building and a new 4,750 SF addition for a new Head Start Learning Facility for infants and toddlers.



**Slidell Municipal Complex Waterproofing; Slidell, LA:** Water intrusion testing and design for repairs including new metal flashings, bitumen-based membrane products, and stucco detailing and finish coat systems to prevent water intrusion into the existing structure.

**South Slidell Library Renovation; Slidell, LA:** Renovation of an existing 6,500 SF retail establishment into a Branch Library, replacing the previous branch destroyed by Hurricane Katrina.

**Renovations and Repairs to Fire Station No. 12; St. Bernard Parish, LA:** Repairs and Renovations due to damage caused by Hurricane Isaac including selective demolition and roof repairs and new metal wall panels, interior and exterior doors, windows, hardware, storage lockers, acoustical panel ceilings, light fixtures, toilet and plumbing fixtures and electrical gear.

**South and Central Lafourche High School Athletic Facilities Hurricane Ida Repairs; Lafourche Parish, LA:** Design, bidding and construction administration for FEMA sponsored hurricane damage repairs to the athletic facilities. This project included repairs to the athletic fields, concession stands, restrooms, stadium, bleachers, fencing and other structures.

**Chackbay Elementary School; Lafourche Parish, LA (Ida):** This project includes removal of existing portables, stairs, ramps, and environmental removal of existing asbestos containing materials. Hurricane Ida storm damage was repaired on the roofing, floors and ceilings of multiple buildings. Repair of the existing HVAC units, plumbing, fire alarm and electrical systems were also a part of the scope.

**Milesville School; St. John the Baptist Parish, LA (Ida):** Programming and design services for FEMA sponsored hurricane damage repairs to the front office building and rear classroom building on this special education school's campus. This campus will require repairs to both shingle and flat membrane roofing systems, walkway cover repairs; wall repairs and gypsum board and acoustical tile ceiling replacement and repairs.

**Child Development Center; St. John the Baptist Parish, LA (Ida):** Programming and design services for FEMA sponsored hurricane damage repairs to the rear cafeteria building on the school's campus. This campus will require repairs to the shingle roofing system, walkway cover repairs; wall repairs and acoustical ceiling tile replacement.

**Andrew Jackson Elementary School Renovation; New Orleans, LA:** The replacement of 22,00 SF of roofing, flashings, conductor heads and downspouts complying with current hurricane resistant building codes, repair of the existing windows & stucco, replacement of the existing exterior doors, painting of the exterior of the building, refurbishment of the existing building mounted clock, replacement of two of the existing chillers and other minor repairs to this historic school building.

**Marriott Courtyard Hotel Renovation; New Orleans, LA:** Renovation of the 10,000 SF Lobby, including a new bistro & lounge area designed to serve guests and attract pedestrian traffic from the hotel's prime street front along St. Charles Avenue.

**Marriott Springhill Suites Hotel Renovation; New Orleans, LA:** Renovation of the 6,000 SF Lobby and the full renovation of 208 Guestrooms. Guestroom renovations included bathrooms and all furniture, fixtures and equipment (FF&E).

#### New Buildings

**New 1<sup>st</sup> District Station for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA:** This 18,500 SF facility includes the new 9,250 SF First District Office elevated one story above grade; and a 9,250 SF first floor including retail space and storage for the Sheriff's Office. The First District Office will include offices, a meeting room, and typical support spaces (reception area, break room, toilet rooms, mechanical rooms, electrical rooms, elevator and stairs).

**Harvey Volunteer Fire Department Maintenance Building; Harvey, LA:** A new 8,000 SF pre-engineered metal maintenance building consisting of three (3) double-ended maintenance bays for fire truck services and repairs.

**New Fire Station No. 18; Jefferson Parish, LA:** A new 12,000 SF fire station which will include a two bay apparatus room, fire gear locker area, storage area, day room, radio/computer room, kitchen, captain's quarters, dormitory, shower & toilet facilities, and mechanical space. Scope also included site access & traffic control issues.

**Fire Station No. 14; Jefferson Parish, LA:** A new two-story, 7,050 SF fire station including a 2,610 SF vehicle garage. The fire station includes a 2-bay apparatus room, fire gear locker room, storage area, equipment mezzanine, living area, kitchen, radio/computer room, captain's quarters, dormitory, bath and toilet rooms, and mechanical space.

**Avondale Branch Library; Jefferson Parish, LA:** A new 4,400 SF library including a computer lab with 25 computers, makerspace with a 3D printer, bookstacks and a reading area, a meeting room, work and storage spaces, restrooms, periodicals/front desk area and associated support spaces.

**Jefferson Parish School Board Transportation Complex; Jefferson Parish, LA:** A new 11,700 SF Transportation Complex consisting of six (6) Maintenance Bays for school buses along with a Conference Room for 150 people, 10 offices for employees and a Parking Area for 120 buses.

**New Jefferson Highway Library; Jefferson Parish, LA:** A new 3,500 SF library including a computer lab with 20 computers, 5 study pods, bookstacks and a reading area, a meeting room, work and storage spaces, restrooms, periodicals/front desk area and associated support spaces.

#### Memberships & Associations:

- American Institute of Architects
- International Code Council
- National Fire Protection Association





 Parish  
State of Louisiana



**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Michael Schmidt, Architect**

Project Assignment:

**Project Architect**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**11 Years**

Education: Degree(s)/Year/Specialization:

**Bachelor of Architecture/1981/Architecture; Master of Business Administration/1994**

Active registration: Year first registered/discipline:

**LA (4109)/1989/Architecture**

Other experience and qualifications relevant to the proposed Project:

**Mr. Schmidt has 43 years of experience with extensive public sector experience including municipal and military buildings, fire stations, vehicle maintenance buildings, classroom and administration facilities.**

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**Fire Station No. 14; Jefferson Parish, LA:** A new two-story, 7,050 SF fire station including a 2,610 SF vehicle garage. The fire station includes a 2-bay apparatus room, fire gear locker room, storage area, equipment mezzanine, living area, kitchen, radio/computer room, captain's quarters, dormitory, bath and toilet rooms, and mechanical space.

**Avondale Branch Library; Jefferson Parish, LA:** A new 4,400 SF library including a computer lab with 25 computers, makerspace with a 3D printer, bookstacks and a reading area, a meeting room, work and storage spaces, restrooms, periodicals/front desk area and associated support spaces.

**Public Works Administration and Maintenance Facility; City of Covington, LA:** A new 9,000 SF pre-engineered structure to replace the existing building. It houses administrative offices for the Department of Public Works and 2 maintenance bays for truck and vehicle inspections.

**New Transient Aircraft Hangar at the Executive Regional Airport; St. John the Baptist Parish, LA:** A new 63' x 101' transient aircraft hangar capable of simultaneously accommodating as many as three (3), King Air C90's. The hangar has an 80' wide x 18' high electrically operated, horizontal bi-fold door, allowing storage of larger planes such as the King Air 350 and some small to mid-size jets.

#### Memberships & Associations:

- National Council of Architectural Registration Boards





**UP Parish**  
State of Louisiana

**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Christian Bourgeois - Architect**

Project Assignment:

**Project Architect**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**7 Years**

Education: Degree(s)/Year/Specialization:

**Bachelor of Architecture/1999**

Active registration: Year first registered/discipline:

**LA (7024)/2009/Architecture**

Other experience and qualifications relevant to the proposed Project:

**Mr. Bourgeois has 25 years of architecture experience from initial schematics through Construction Documents, Bidding, Negotiating, and Construction Administration. His experience includes master planning, strategic planning, programing, preliminary and final design, construction administration and LEED® Compliance.**

**Buildings – Major Renovations****➤ With N-Y**

**SWBNO Resiliency Complex; Sewerage & Water Board of New Orleans:** Renovation of the existing 20,000 SF Head House Building for use as a Safe House to meet the FEMA P-361 criteria; A new 20,500 SF "Infill Building" designed to meet FEMA P-361 criteria; and Hardening of the adjacent Engineering Complex (windows, doors & roof) to meet current IBC wind speeds up to 150 mph.

**Lafayette Elementary School, Phase II:** Renovations & Repairs due to damage caused by Hurricane Katrina. Phase II included the installation of foam boards and lightweight concrete with fiber reinforcing to level the 1<sup>st</sup> and 2<sup>nd</sup> floors. Replacement of all ceiling tiles and grid; and custom millwork on the 1<sup>st</sup> and 2<sup>nd</sup> floors. Replacement of all electrical wiring, lighting and special systems; chillers, HVAC units and ductwork and plumbing piping.

**Alario Center Hall Expansion; Jefferson Parish, LA:** The Alario Center is an existing multipurpose event center housing multiple indoor athletic courts and flexible trade show spaces. The Center has a need for more flexible trade show spaces, and this project involves creating new office spaces for the event center and renovating the existing office space into new flexible event spaces.

**JeffCap Head Start Building Renovation and Additions; Jefferson Parish, LA:** Complete interior renovation of the existing 5,050 SF building and a new 4,750 SF addition for a new Head Start Learning Facility for infants and toddlers.

**Airline Park Elementary School; Jefferson Parish, LA:** This project includes the replacement of the second floor and stair guardrails and the replacement of existing curtainwall systems at the first and second floor classrooms of one classroom building on the campus. The classroom building will also receive new HVAC in all classrooms and an outside air unit serving the entire building.



**Site Program and Master Site Plan for Hope Haven Site; Jefferson Parish, LA:** Developing a Master Plan for the redevelopment of the existing 27-acre Hope Haven site on the Parish's west bank. The project also includes developing concept engineering plans and a cost estimate for the proposed Concert Meadow.

**New Buildings**

**New 1<sup>st</sup> District Station for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA:** This 18,500 SF facility includes the new 9,250 SF First District Office elevated one story above grade; and a 9,250 SF first floor including retail space and storage for the Sheriff's Office. The First District Office will include offices, a meeting room, and typical support spaces (reception area, break room, toilet rooms, mechanical rooms, electrical rooms, elevator and stairs).

**Avondale Branch Library; Jefferson Parish, LA:** A new 4,400 SF library including a computer lab with 25 computers, makerspace with a 3D printer, bookstacks and a reading area, a meeting room, work and storage spaces, restrooms, periodicals/front desk area and associated support spaces.

**Jefferson Parish School Board Transportation Complex; Jefferson Parish, LA:** A new 11,700 SF Transportation Complex consisting of six (6) Maintenance Bays for school buses along with a Conference Room for 150 people, 10 offices for employees and a Parking Area for 120 buses.

**New Jefferson Highway Library; Jefferson Parish, LA:** A new 3,500 SF library including a computer lab with 20 computers, 5 study pods, bookstacks and a reading area, a meeting room, work and storage spaces, restrooms, periodicals/front desk area and associated support spaces.

**➤ With other Firms**

**Campo Designs – Architects (2010-2017) - Consultant**  
Provided design and production on projects of varying scopes and sizes, including:

- Norco Elementary and Luling Elementary, New Wings for the St. Charles Parish Public School System
- Wetland Watched Park, Bonnet Carre Spillway; Norco, LA
- St. Charles Parish Animal Shelter; Luling, LA
- Masterplan and Phase 1 of DAWAT-E-ISLAM, Inc., A New Mosque Development; St. Rose, LA



**LICENSURE: CHRISTIAN BOURGEOIS, ARCHITECT**



**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Tracy Lucas, NCARB - Architect**

Project Assignment:

**Project Architect**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**13 Years**

Education: Degree(s)/Year/Specialization:

**Bachelor of Architecture/1999**

Active registration: Year first registered/discipline:

**LA (7024)/2009/Architecture**

Other experience and qualifications relevant to the proposed Project:

Ms. Lucas has 25 years of experience in project programming, design and production of Construction Documents, Consultant Coordination, Existing Conditions Documentation, Material Research, Quality Control and Construction Administration. Her experience also includes obtaining construction permits and coordination with the State Fire Marshall and local municipalities; working with developers, contractors and property managers to develop projects to meet long term ownership expectation and minimize future maintenance costs. She has provided coordination with local and out of state project teams.

**Buildings – Major Renovations**

**SWBNO Resiliency Complex; Sewerage & Water Board of New Orleans:** Renovation of the existing 20,000 SF Head House Building for use as a Safe House including structural modifications to meet the FEMA P-361 criteria; A new 20,500 SF "Infill Building" between the existing Head House and Engineering Complex designed to meet FEMA P-361 criteria; and Hardening of the adjacent Engineering Complex (windows, doors and roof) to meet current IBC wind speeds up to 150 mph.

**Airline Park Elementary School; Jefferson Parish, LA:** This project includes the replacement of the second floor and stair guardrails and the replacement of existing curtainwall systems at the first and second floor classrooms of one classroom building on the campus. The classroom building will also receive new HVAC in all classrooms and an outside air unit serving the entire building.

**John Q. Adams Middle School; Jefferson Parish, LA (Ida):** This project consists of approximately 10,000 SF of new modified bitumen roofing, 30,000 SF of new flooring and ceilings, painting, and other interior finishes for this existing 78,000 SF middle school. The school suffered damages from Hurricane Ida in 2021.

**Senator Chris Ullo Building, Hurricane Ida Repairs; Harvey, LA:** Renovation of the exterior envelope including roof, windows and storefronts, interior walls and partitions, flooring, ceilings, fresh air shafts, and associated interior water damaged finishes caused by Hurricane Ida. Design services include a comprehensive damage assessment to assist with the loss claims and restoration effort.

**Fountainbleau High School Re-roof; St. Tammany Parish, LA:** This project includes the replacement of the existing shingle roofing system, with new asphalt shingle roofing, underlayment, metal gutters, downspouts, and flashing at the existing drafting building on the junior high campus.

**Hurricane Damage Repairs and Renovations for Plaquemines Parish School Board Administration Building; Plaquemines Parish, LA:** Design of a new HVAC system to fully pressurize the building and removal of the wall covering to allow the exterior walls to "breathe". All brick and termite damaged plywood sheathing is being removed from the exterior walls, and new Densglass, termite resistant, fiber reinforced sheathing is being installed on the exterior walls with a new brick façade. All new interior finishes will also be installed.

**Renovations to Frederick A. Douglass High School for the Orleans Parish School Board:** This project included domestic water line replacement, HVAC, elevator upgrades, toilet upgrades, electrical upgrades, ADA upgrades and science classroom upgrades.

**Hurricane Katrina Damage Repairs and Improvements to the Mahalia Jackson Theatre of the Performing Arts; New Orleans, LA:** \$30 million of FEMA Funded repairs, hazard mitigation & improvements which included: complete architectural finishes, structural, and mechanical & electrical equipment replacement and/or extensive renovation and repairs. The project also included state-of-the-art improvements to the theatrical lighting, stage rigging, orchestra and stage lifts, curtains and acoustics.

**New Buildings**

**New Charles A. Wagner Branch Library; Metairie, LA:** A new 7,000 SF library and library furnishings. The library houses reference, 27,000 books, and included a children's area, reference area, reading room, two study rooms, a work room, an administrative office and a lunchroom.

**New Carville Job Corps Center; Carville, LA:** A six building (102,000 SF), 26.5 acre campus which includes: A 19,519 multi-purpose recreation center (includes a small library, locker rooms, gymnasium, student meeting rooms, snack bar; and administrative offices); a 36,000 SF dormitory building; a 10,300 SF cafeteria building; an 11,440 SF administrative/medical/dental building; a 15,162 SF basic education/light vocational building; and a 10,000 SF heavy vocational/warehouse building.

**New Credit Union Building at the Naval Air Station; Belle Chasse, LA:** A new 6,400 SF Credit Union Building located adjacent to the existing NAS JRB Credit Union site. The building included five walk-up tellers, 1 drive-up teller, ATM, customer waiting and reception area, 13 offices, safe room, board room, and breakroom.







 **Parish**  
State of Louisiana

**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Frank Nicoladis, PE - Senior Principal**

Project Assignment:

**Principal and Project Oversight / Civil Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**55 Years**

Education: Degree(s)/Year/Specialization:

**Bachelor of Science/1957/Mississippi State University/Civil Engineering**

Active registration: Year first registered/discipline:

**LA (5924)/1957/Civil Engineering****TX (32329)/1971/Civil Engineering****FL (36371)/1985/Civil Engineering****MS (2468)/1961/Civil Engineering****AR (3373)/1972/Civil Engineering**

Other experience and qualifications relevant to the proposed Project:

**Mr. Nicoladis has 67 years of experience as a consulting engineer, over 50 years as President of N-Y. Mr. Nicoladis has served as the Principal-in-Charge for N-Y's projects undertaken for many public agencies at the federal, state and local levels. His role is to ensure that the client's expectations of the firm are fully achieved, that projects are adequately staffed, that the firm's quality control standards are adhered to during the design process and that the client's schedule and budget are met.**

**Public Buildings**

**SWBNO Resiliency Complex; Sewerage & Water Board of New Orleans:** Renovation of the existing 20,000 SF Head House Building for use as a Safe House including structural modifications to meet the FEMA P-361 criteria; A new 20,500 SF "Infill Building" between the existing Head House and Engineering Complex designed to meet FEMA P-361 criteria; and Hardening of the adjacent Engineering Complex (windows, doors and roof) to meet current IBC wind speeds up to 150 mph.

**JPSO Warehouse and Firing Range; Harvey, LA:** This project includes replacing 109,000 sf of metal roofing and light gauge structure. HVAC systems, interior finishes including floors, walls and suspended acoustical ceilings were replaced and new firing range equipment was installed.

**Marrero Wastewater Treatment Plant Administration Building and Safe House; Marrero, LA:** A new 5,400 SF administration and safe house building including a lobby, 3 offices, an operations room, a lab, a training room with storage, a break room, locker rooms, toilet rooms, electrical & mechanical rooms and a storage room. 2,056 SF of this facility was designed as a safe room per FEMA 361 criteria to allow for sheltering in place of West Bank Sewerage Dept. personnel during storm events.

**New 1<sup>st</sup> District Station for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA:** This 18,500 SF facility includes the new 9,250 SF First District Office elevated one story above grade; and a 9,250 SF first floor including retail space and storage for the Sheriff's Office. The First District Office will include offices, a meeting room, and typical support spaces (reception area, break room, toilet rooms, mechanical rooms, electrical rooms, elevator and stairs).

**Ben Franklin Elementary School Renovation; New Orleans, LA:** Renovations and Refurbishments to this historic Elementary School which included window replacement, shear wall repair, mortar tuckpointing, roof repairs and drainage repairs. New interior finishes were added to the scope of the project to create a modern interior learning environment. New HVAC units were added with electric heat to replace the inefficient and unsafe radiators in the building.

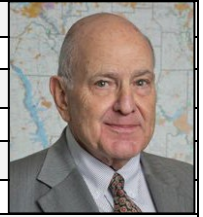
**Lafayette Elementary School, Phases I and II; New Orleans, LA:** Renovations & Repairs due to water intrusion caused by Hurricane Katrina. Phase I included replacement of existing doors & windows, repair of masonry, and new interior finishes. Phase II included the installation of foam boards and lightweight concrete with fiber reinforcing to level the 1<sup>st</sup> and 2<sup>nd</sup> floors. Replacement of all ceiling tiles and grid; and custom millwork on the 1<sup>st</sup> and 2<sup>nd</sup> floors. Replacement of all electrical wiring, lighting and special systems; chillers, HVAC units and ductwork and plumbing piping.

**East St. John High School; St. John the Baptist Parish, LA:** This project includes replacing multiple Modified Bitumen Roofing at this 178,000 SF High School. All ceiling tiles and insulation in the ceiling cavities are being replaced along with gypsum board walls, millwork, and equipment damaged during the storm. Electrical, HVAC and Special Systems all having diagnostic checks and all required repairs are a part of the contract.

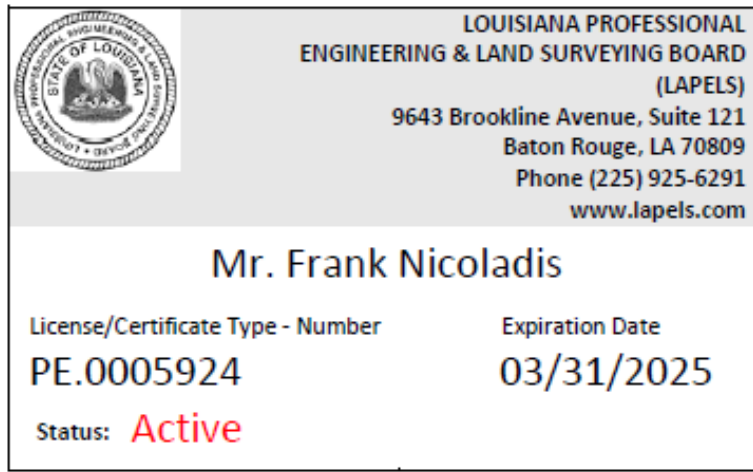
**Harvey Volunteer Fire Department Maintenance Building; Harvey, LA:** A new 8,000 SF pre-engineered metal maintenance building consisting of three (3) double-ended maintenance bays for fire truck services and repairs.

**Memberships & Associations:**

- Fellow, Society of American Military Engineers
- Fellow/Life Member, American Society of Civil Engineers
- Fellow, American Council of Engineering Companies
- Life Member, American Waterworks Association
- Life Member, American Public Works Association
- Water Environment Federation
- National Society of Professional Engineers
- American Planning Association
- Who's Who in Engineering (AAES)
- Who's Who in the South and Southwest (Marquis)







**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Michael F. Nicoladis, EI, MBA - President**

Project Assignment:

**Principal / Project and Subconsultant Management**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**40 Years**

Education: Degree(s)/Year/Specialization:

**Bachelor of Science/1982/Vanderbilt University/Civil Engineering (Magna Cum Laude)****Master of Business Administration/1984/Duke University (Fuqua Scholar)**

Active registration: Year first registered/discipline:

**LA (8705)/1982/Engineering Intern**

Other experience and qualifications relevant to the proposed Project:

Mr. Nicoladis has had a variety of design, construction administration and project management experience since joining the firm in 1984. As President, he is responsible for overseeing the daily operations and administration of N-Y. He is instrumental in new business development, contract negotiations, and scheduling of work. Mr. Nicoladis also serves as a Principal on many projects and plays a major role in overseeing the firm's client management program.

Mr. Nicoladis is responsible for financial management, including billing, accounting and preparation of the firm's project management reports. His experience also includes discounted cash flow analysis of project feasibility, cost-benefit ratio analysis, establishment of capital budgets, operation and maintenance cost projections, and the study of financing alternatives.

**Public Buildings**

**SWBNO Resiliency Complex; Sewerage & Water Board of New Orleans:** Renovation of the existing 20,000 SF Head House Building for use as a Safe House including structural modifications to meet the FEMA P-361 criteria; A new 20,500 SF "Infill Building" between the existing Head House and Engineering Complex designed to meet FEMA P-361 criteria; and Hardening of the adjacent Engineering Complex (windows, doors and roof) to meet current IBC wind speeds up to 150 mph.

**JPSO Warehouse and Firing Range; Harvey, LA:** This project includes replacing 109,000 sf of metal roofing and light gauge structure. HVAC systems, interior finishes including floors, walls and suspended acoustical ceilings were replaced and new firing range equipment was installed.

**Marrero Wastewater Treatment Plant Administration Building and Safe House; Marrero, LA:** A new 5,400 SF administration and safe house building including a lobby, 3 offices, an operations room, a lab, a training room with storage, a break room, locker rooms, toilet rooms, electrical & mechanical rooms and a storage room. 2,056 SF of this facility was designed as a safe room per FEMA 361 criteria to allow for sheltering in place of West Bank Sewerage Dept. personnel during storm events.



**New 1<sup>st</sup> District Station for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA:** This 18,500 SF facility includes the new 9,250 SF First District Office elevated one story above grade; and a 9,250 SF first floor including retail space and storage for the Sheriff's Office. The First District Office will include offices, a meeting room, and typical support spaces (reception area, break room, toilet rooms, mechanical rooms, electrical rooms, elevator and stairs).

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**East St. John High School; St. John the Baptist Parish, LA:** This project includes replacing multiple Modified Bitumen Roofing at this 178,000 SF High School. All ceiling tiles and insulation in the ceiling cavities are being replaced along with gypsum board walls, millwork, and equipment damaged during the storm. Electrical, HVAC and Special Systems all having diagnostic checks and all required repairs are a part of the contract.

**Harvey Volunteer Fire Department Maintenance Building; Harvey, LA:** A new 8,000 SF pre-engineered metal maintenance building consisting of three (3) double-ended maintenance bays for fire truck services and repairs.

**New Fire Station No. 18; Jefferson Parish, LA:** A new 12,000 SF fire station which will include a two bay apparatus room, fire gear locker area, storage area, day room, radio/computer room, kitchen, captain's quarters, dormitory, shower & toilet facilities, and mechanical space. Scope also included site access & traffic control issues.

**Fire Station No. 14; Jefferson Parish, LA:** A new two-story, 7,050 SF fire station including a 2,610 SF vehicle garage. The fire station includes a 2-bay apparatus room, fire gear locker room, storage area, equipment mezzanine, living area, kitchen, radio/computer room, captain's quarters, dormitory, bath and toilet rooms, and mechanical space.

**East Bank Maintenance and Administration Building for the Department of Streets; Jefferson Parish, LA:** A new 17,000 SF administration/office building to house the staff of the Department of Streets which also serves as a critical coordination center for post disaster recovery efforts within Jefferson Parish. The building includes administrative offices, conference rooms, locker rooms, and a staff assembly area attached to an existing warehouse that was also hardened and renovated.

**Multi-Mission Station Building, U.S. Coast Guard Station; Metairie, LA:** A new 23,000 SF building including a control center, a communications center, administrative offices, classrooms, a conference room, several berthing rooms, a physical fitness area, galley, dining area and maintenance shop.

**Avondale Branch Library; Jefferson Parish, LA:** A new 4,400 SF library including a computer lab with 25 computers, makerspace with a 3D printer, bookstacks and a reading area, a meeting room, work and storage spaces, restrooms, periodicals/front desk area and associated support spaces.

**JeffCap Head Start Building Renovation and Additions; Jefferson Parish, LA:** Complete interior renovation of the existing 5,050 SF building and a new 4,750 SF addition for a new Head Start Learning Facility for infants and toddlers.

#### Other Experience in Jefferson Parish

##### ▪ Roadways and Drainage

**Program Management of the Eastbank FEMA Submerged Roads Program; Jefferson Parish, LA:** Mr. Mortali was the Program Manager for the Design and Construction Management of \$83 million of FEMA funded concrete and asphalt street improvements. Mr. Mortali was responsible for overall program implementation including the oversight of 5 design engineers and approx. 20 construction contractors.

**Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA:** A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.

**Improvements to Suburban Drainage Canal; Sections 1, 2, 3, 4 and 5; Jefferson Parish, LA:** N-Y prepared preliminary plans for 3 box culverts at Interstate 10, measuring 11' x 20' feet each; 4 box culverts at Veterans Boulevard, measuring 11' x 21' each; a concrete flume section with a bottom width of 40' and a design flow of 3,000 CFS and a concrete flume section with a bottom width of 74' and a design flow of 3,600 CFS.

##### ▪ Wastewater

**Rehabilitation of Sewerage Mini-Systems: Pumping Stations and Force Mains; Jefferson Parish, LA:** Miscellaneous rehabilitation work at eleven (11) existing lift stations and the installation of one (1) gravity line.

**New Sewage Lift Station at 33<sup>rd</sup> and Connecticut Street; Kenner, LA:** Conversion of an above-ground sewage pump station to a triplex submersible pump station increasing the capacity to 3,000 GPM.

**Sewage Lift Station No. 4344; Kenner, LA:** A 120" diameter, 21' deep precast concrete wet well and associated pile supported foundation; a pile supported valve box; emergency pump out manhole; installation of 2 submersible wastewater pumps capable of handling 2650 GPM each; the installation of 24" & 12" gravity sewer lines, 8" & 12" sewer force mains and other minor piping; and the removal of existing pumps and equipment.

**Improvements to Sewage Lift Station at 33<sup>rd</sup> and Hans Street; Kenner, LA:** Rehabilitation of an above ground sewage lift station with two pumps increasing the capacity from 1100 GPM to 1250 GPM.

##### ▪ Flood Protection

**New Bayou Segnette Drainage Pumping Station; Jefferson Parish, LA:** A new 1200 CFS pumping station with two, 600 CFS horizontal pumps driven by diesel engines through gear reducers.

**Hoey's Basin Pump to the River Project; Jefferson Parish, LA:** Engineering Feasibility, Hydraulic Modeling and Conceptual Cost Estimates evaluating a new drainage pump station in the 2,400 acre Jefferson Parish portion of the 10,000 acre Hoey's Drainage Basin. Alternatives included a 1600 CFS station (with a 13' diameter, 5400 LF discharge force main) expandable to 2400 CFS and a 1000 CFS station with a detention pond for interim stormwater storage.

**Bayou Segnette Complex Flood Protection: 56' Wide Navigable Sector Gate, Floodwalls, Levee & Pump Station; Jefferson Parish, LA:** The replacement of the existing flood protection system from Bayou Segnette Pumping Station to Westwego Pumping Station No. 2 with new protection designed to the USACE Case 1 - 100 year level of protection.

#### Memberships & Associations:

- American Society of Civil Engineers
- Society of American Military Engineers
- American Council of Engineering Companies
- American Public Works Association
- American Association of Airport Executives
- Tau Beta Pi
- Chi Epsilon
- Who's Who in America (Marquis)
- Who's Who in Science and Engineering (Marquis)
- Who's Who in Finance and Industry (Marquis)





LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)

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[www.lapels.com](http://www.lapels.com)

Mr. Michael F. Nicoladis

License/Certificate Type - Number

EI.0008705

Expiration Date

09/30/2025

Status: **Active**



## KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

**Constantine F. Nicoladis, PE – Principal / Senior Vice President**

Project Assignment:

**Project Manager / Senior Civil and Environmental Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**37 Years**

Education: Degree(s)/Year/Specialization:

**Bachelor of Science/1985/Vanderbilt University/Civil and Environmental Engineering**

**Master of Business Administration/1987/Loyola University**

Active registration: Year first registered/discipline:

**LA (27095)/1997/Civil MS (13351)/1997/Civil FL (052242)/1997/Civil**

**AL (22315)/1998/Civil TX (92359)/2003/Civil NY (094123)/2014/Civil**

Other experience and qualifications relevant to the proposed Project:

**Mr. Nicoladis has 37 years of civil and hydraulic experience with N-Y including wastewater, water, storm drainage, flood control and street projects. His work includes the planning, design and construction of drainage and wastewater pump stations, force mains, and gravity lines along with water supply & treatment facilities and wastewater collection & treatment facilities.**

### Buildings: Site Work and Utilities

**SWBNO Resiliency Complex; Sewerage & Water Board of New Orleans:** Renovation of the existing 20,000 SF Head House Building for use as a Safe House including structural modifications to meet the FEMA P-361 criteria; A new 20,500 SF "Infill Building" between the existing Head House and Engineering Complex designed to meet FEMA P-361 criteria; and Hardening of the adjacent Engineering Complex (windows, doors and roof) to meet current IBC wind speeds up to 150 mph.

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**New 1<sup>st</sup> District Station for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA:** This 18,500 SF facility includes an exterior plaza, 2 retail lease spaces and a DWI holding area on the 1<sup>st</sup> floor. The 2<sup>nd</sup> floor area includes the sheriff's squadron, offices, restrooms, fitness room, roll call, and interview and evidence rooms. The site has 70 parking spaces, new sidewalks and landscaping, a loading area, and a diesel generator allowing the building to be self-sufficient during prolonged power outages.

**Lafayette Elementary School, Phases I and II; New Orleans, LA:** Renovations & Repairs due to water intrusion caused by Hurricane Katrina. Phase I included replacement of existing doors & windows, repair of masonry, and new interior finishes. Phase II included the installation of foam boards and lightweight concrete with fiber reinforcing to level the 1<sup>st</sup> and 2<sup>nd</sup> floors. Replacement of all ceiling tiles and grid; and custom millwork on the 1<sup>st</sup> and 2<sup>nd</sup> floors. Replacement of all electrical wiring, lighting and special systems; chillers, HVAC units and ductwork and plumbing piping.

**Harvey Volunteer Fire Department Maintenance Building; Harvey, LA:** A new 8,000 SF pre-engineered metal maintenance building consisting of three (3) double-ended maintenance bays for fire truck services and repairs.

**New Fire Station No. 18; Jefferson Parish, LA:** Design of a new 11,000 SF fire station which will include a 2-bay apparatus room, fire gear locker area, storage area, day room, radio / computer room, kitchen, captain's quarters, dormitory, shower and toilet facilities and mechanical space. Scope of work includes addressing site access and traffic control issues and an appropriate aesthetic.

**New Fire Station No. 14; Jefferson Parish, LA:** A new, two-story 7,050 SF fire station (including 2610 SF of vehicle garage) which includes a 2-bay apparatus room, fire gear locker room, storage area, equipment mezzanine, living area, kitchen, radio/computer room, captain's quarters, bath and toilet rooms, and mechanical space.

**Multi-Mission Station Building, U.S. Coast Guard Station; Metairie, LA:** Civil/Sitework for a new 23,000 SF building including water, gas and sewage force main lines, as well as a 1,000 LF asphaltic concrete access roadway over the existing levee. The roadway was elevated 2.5 feet higher than current grade to accommodate a future increase in levee height.



**East Bank Regional Library and Library Headquarters; Jefferson Parish, LA:** A \$17.4 Million, 135,777 SF facility, which includes computer classrooms for internet training, as well as security, access, control, and CCTV telecommunications systems. The facility houses both the public library and the administrative headquarters for the entire Jefferson Parish Library System, including a 9,000 SF, 300-person capacity meeting room.

**New Lake Hermitage Fire House; Plaquemines Parish, LA:** A new 4500 SF, two story reinforced concrete structure which includes two fire truck bays and a second floor with a large day room and supporting kitchen, toilet room, storage, equipment and mechanical areas.

**New Carville Job Corps Center; Carville, LA:** Civil/Sitework for a 26.5 acre, six building (102,000 SF) campus including entrance and interior roadways and all water supply and transmission, sewerage and stormwater drainage.

**Multi-Purpose Building and Library at Elaine P. Nunez Community College; Chalmette, LA:** An 80,000 SF multi-purpose building which includes a sloped-floor auditorium with seating for 500 people. The building also contains 22 classrooms and a 37,000 SF library.

#### Other Experience in Jefferson Parish

##### ▪ Roadways and Drainage

**Improvements to West Esplanade Avenue from Bonnabel Blvd. to Lake Avenue; Jefferson Parish, LA:** Widening this 1 mile, 1-lane roadway to a 2-lane urban roadway with curb & gutter, subsurface drainage and asphaltic concrete.

**Bunche Village Subdivision Infrastructure Improvements; Jefferson Parish, LA:** CDBG funded street and subsurface drainage improvements in the Bunche Village Subdivision.

**Maplewood/Paillet Subdivision Infrastructure Improvements; Jefferson Parish, LA:** CDBG funded street and subsurface drainage improvements in the Maplewood/Paillet Subdivision.

**Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA:** A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.

##### ▪ Water

**Aurora Avenue Waterline Replacement; Jefferson Parish, LA:** The \$2.2 million replacement of the existing water line with a new 8" water line on Aurora Avenue between Codifer Blvd. and S I-10 Service Road E.

**East Bank Water Treatment Plant, P2 Plant Chlorination System Evaluation; Jefferson Parish, LA:** Evaluation of the Chlorination System at the P2 Plant of the 52 MGD Eastbank Water Treatment Plant, to determine the best solution to eliminate safety concerns due to insufficient space within the chlorine cylinder room.

**East Bank Water Treatment Plant, New P2 Plant Chlorination Building; Jefferson Parish, LA:** A new 61' x 21' chlorination building housing six (6) on-line chlorinators (2 relocated and 4 new) and a storage area to house ten (10) additional chlorine cylinders, and an overhead crane.

**East Bank Water System, Bridge Repairs & Raw Water Intake Protection at East Bank Intake; Jefferson Parish, LA:** Inspection of the East Bank Intake Bridge and design of associated repairs; Installation of lighted buoys, concrete sinkers & warning signs for river traffic.

**West Bank Water Treatment Plant Intake Building; Jefferson Parish, LA:** Enlarging the existing concrete platform and adding a new corrugated metal building to house the existing water intake structure; Enclosing the raw water pumps, adding two new spray water pumps to the 4 existing pumps, and a new baffle/weir system to keep debris from entering the water intake.

##### ▪ Wastewater

**Rehabilitation of the Neyrey & Veterans (F7-13) and Market & Sauve (D4-7) Lift Stations; Jefferson Parish, LA:** The \$1.8 million rehabilitation of two (2) existing sewerage lift stations.

**Rehabilitation of the Trickling Filters at the Marrero Wastewater Treatment Plant; Jefferson Parish, LA:** The \$5 million replacement of the trickling filters rotary distribution system, including rehabilitation of the existing filter media, and removal, repair and replacement of two, 130' diameter aluminum geodetic dome covers for the trickling filters.

**New Sewage Pump Station & Rerouting of Force Mains at Transcontinental & Vineland Streets; Metairie, LA:** A new 23,000 GPM wastewater pumping station, which included tapping two existing 24" diameter force mains and installing pipeline to the splitter box of the new pump station. Also included is an overflow bypass system designed to bypass the pumps and prevent overflow of the pump station wet well in the case of a power failure.

**New Sewage Lift Station at 33<sup>rd</sup> and Connecticut Street; Kenner, LA:** Conversion of an above-ground sewage pump station to a triplex submersible pump station increasing the capacity to 3,000 GPM.

**Sewage Lift Station No. 4344; Kenner, LA:** A 120" diameter, 21' deep precast concrete wet well and associated pile supported foundation; a pile supported valve box; emergency pump out manhole; installation of 2 submersible wastewater pumps capable of handling 2650 GPM each; the installation of 24" & 12" gravity sewer lines, 8" & 12" sewer force mains and other minor piping; and the removal of existing pumps and equipment.

#### Memberships & Associations:

- American Society of Civil Engineers
- Society of American Military Engineers
- American Council of Engineering Companies
- Water Environment Federation
- American Concrete Institute





LOUISIANA PROFESSIONAL  
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(LPELS)  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
[www.lapels.com](http://www.lapels.com)

**Mr. Constantine Frank Nicoladis**

License/Certificate Type - Number

**PE.0027095**

Expiration Date

**09/30/2025**

Status: **Active**



**Jefferson  
Parish**  
State of Louisiana

**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**James E. Simmons, PE - Vice President**

Project Assignment:

**Senior Structural Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**30 Years**

Education: Degree(s)/Year/Specialization:

**Bachelor of Science/1977/Louisiana State University/Civil Engineering**

Active registration: Year first registered/discipline:

**LA (19891)/1981/Civil Engineering****MS (10842)/1990/Civil Engineering****FL (39890)/1988/Civil Engineering****NY (094047)/2014/Civil Engineering****TX (92359)/2003/Civil Engineering**

Other experience and qualifications relevant to the proposed Project:

**Jim Simmons has 47 years experience and is responsible for the firm's transportation and structural engineering practice. His experience also includes drainage systems such as canals and pumping stations, and flood and surge control projects.**

**Buildings: Civil and Structural**

**SWBNO Resiliency Complex; Sewerage & Water Board of New Orleans:** Renovation of the existing 20,000 SF Head House Building for use as a Safe House to meet the FEMA P-361 criteria; A new 20,500 SF "Infill Building" designed to meet FEMA P-361 criteria; and Hardening of the adjacent Engineering Complex (windows, doors & roof) to meet current IBC wind speeds up to 150 mph.

**Marrero Wastewater Treatment Plant Administration Building and Safe House; Marrero, LA:** This 5,400 SF facility includes a lobby, 3 offices, an operations room, a lab, a training room with storage, a break room, locker rooms, toilet rooms, electrical rooms, mechanical rooms, and a storage room. 2,056 SF of this facility was designed as a safe room per FEMA 361 criteria to allow for sheltering in place of West Bank Sewerage Dept. personnel during storm events.

**New 1<sup>st</sup> District Station for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA:** This 18,500 SF facility includes an exterior plaza, 2 retail lease spaces and a DWI holding area on the 1<sup>st</sup> floor. The 2<sup>nd</sup> floor area includes the sheriff's squadron, offices, restrooms, fitness room, roll call, and interview and evidence rooms. The site has 70 parking spaces, new sidewalks and landscaping, a loading area, and a diesel generator allowing the building to be self-sufficient during prolonged power outages.

**New Maintenance Building for the Harvey Volunteer Fire Department; Jefferson Parish, LA:** A new 9,000 SF maintenance building including three (3) double-ended maintenance bays for fire truck services and repair, a waiting area, 2 offices, shower and locker rooms, storage, an engine repair shop and break room.

**New Fire Station No. 18; Jefferson Parish, LA:** Design of a new 11,000 SF fire station which will include a 2-bay apparatus room, fire gear locker area, storage area, day room, radio / computer room, kitchen, captain's quarters, dormitory, shower and toilet facilities and mechanical space. Scope of work includes addressing site access and traffic control issues and an appropriate aesthetic.

**Multi-Mission Station Building, U.S. Coast Guard Station; Metairie, LA:** A new 23,000 SF building including a control center, a communications center, administrative offices, classrooms, a conference room, several berthing rooms, a physical fitness area, galley, dining area and maintenance shop.

**Structural Evaluation and Report for the Emergency Command Center/West Jefferson Levee District Maintenance Building; Marrero, LA:** Structural Evaluation including review of plans and specifications, site visits to verify conditions and assessing the structure for its ability to withstand wind loads during major storm events.

**New Security Operations Center at Louis Armstrong New Orleans International Airport; Kenner, LA:** A new 10,000 SF AVCOM and EOC including Access Control, CCTV, AVCOM, hardware, fire alarm and security system upgrades and replacement for the main terminal building and 4 concourses. The project also included structural modifications within the terminal and an external emergency generator for the new Network Operations Center (NOC).

**New Carville Job Corps Center; Carville, LA:** A 26.5 acre, six building (102,000 SF) campus including entrance and interior roadways and all water supply and transmission, sewerage and stormwater drainage. Buildings included a 19,519 SF multi-purpose recreation; a 36,000 SF dormitory building; a 10,300 SF cafeteria building; an 11,440 SF administrative/medical/dental building; a 15,162 SF basic education/light vocational building; and a 10,000 SF heavy vocational/warehouse building.



### Other Experience in Jefferson Parish

#### ▪ Roadways and Drainage

**Metairie Road Smart Growth; Jefferson Parish, LA:** Smart Growth items of work including lane reduction to permit more room for pedestrians and vehicle parking, wider sidewalks, demarcation of sidewalk with colored pavers, adding high-visibility crosswalks, new ADA compliant curb ramps, and the use of pervious concrete for non-travel lanes to reduce stormwater runoff.

**New On and Off Ramps at Lead Street to the Earhart Expressway (LA 3139) with Bridge Replacement; Jefferson Parish, LA:** A new at grade eastbound on-ramp from Lead Street to LA 3139; a new at grade westbound off-ramp from LA 3139 to Lead Street; and a new 100 LF reinforced concrete box culvert replacement for the existing Lead Street bridge over the Cross Canal, consisting of 2, 12'x14' barrels.

**Improvement to Veterans Memorial Boulevard from David Drive to Roosevelt Blvd.; Jefferson Parish, LA:** Widening 4,000 LF of urban roadway from four to six lanes, including traffic signalization, topographic survey, asphaltic concrete, curb & gutter, and subsurface drainage, along with adjacent concrete sidewalks.

**Improvements to West Esplanade Avenue from Bonnabel Blvd. to Lake Avenue; Jefferson Parish, LA:** Widening this 1 mile, 1-lane roadway to a 2-lane urban roadway with curb & gutter, subsurface drainage and asphaltic concrete.

**Improvements to West Napoleon Avenue from Cleary Avenue to Houma Blvd.; Jefferson Parish, LA:** A new 2250 LF 4-lane, urban roadway; which included a 13.5'h x 40'w, double barrel, 195' long box culvert at the Suburban Drainage Canal, tie-ins to existing streets, curb & gutter and subsurface drainage. A 2200 LF concrete flume canal section with a bottom width of 30' and a capacity of 3,000 CFS was also constructed in Canal No. 4.

**Improvements to Destrehan Avenue, Phases I & II (Lapalco Blvd. to the West Bank Expr.); Jefferson Parish, LA:** *Phase I* consisted of widening a 1.24 mile, 2-lane urban roadway with open ditches to a 4-lane asphaltic concrete urban roadway with curb & gutters, swale ditches and subsurface drainage. *Phase II* consisted of widening a 1.1 mile, 2-lane urban roadway to a 4-lane roadway with curb & gutter, swale ditches, subsurface drainage and asphaltic concrete. This phase was realigned to improve access to the Harvey Tunnel.

**Improvements to Suburban Drainage Canal; Sections 1, 2, 3, 4 and 5; Jefferson Parish, LA:** N-Y provided preliminary design from West Napoleon Ave. to Veterans Blvd., which included a hydraulic analysis to determine water surface elevations and geotechnical studies to determine slope stability. N-Y prepared preliminary plans for 3 box culverts at Interstate 10, measuring 11' x 20' feet each; 4 box culverts at Veterans Boulevard, measuring 11' x 21' each; a concrete flume section with a bottom width of 40' and a design flow of 3,000 CFS and a concrete flume section with a bottom width of 74' and a design flow of 3,600 CFS.

**Improvements to Drainage Canal No. 3; Jefferson Parish, LA:** Improvements to Drainage Canal No. 3 from I-10 to the Elmwood Canal consisting of an 1800 LF, 90' wide concrete flume section with side slope paving & a capacity of 4000 CFS.

**Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA:** A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.

#### ▪ Flood Protection

**New Bayou Segnette Drainage Pumping Station for Jefferson Parish, LA:** A new 1200 CFS pumping station with two, 600 CFS horizontal pumps driven by diesel engines through gear reducers.

**Hoey's Basin Pump to the River Project; Jefferson Parish, LA:** Engineering Feasibility, Hydraulic Modeling and Conceptual Cost Estimates evaluating a new drainage pump station in the 2,400 acre Jefferson Parish portion of the 10,000 acre Hoey's Drainage Basin. Alternatives included a 1600 CFS station (with a 13' diameter, 5400 LF discharge force main) expandable to 2400 CFS and a 1000 CFS station with a detention pond for interim stormwater storage.


**Bayou Segnette Complex Flood Protection: 56' Wide Navigable Sector Gate, Floodwalls, Levee & Pump Station; Jefferson Parish, LA:** The replacement of the existing flood protection system from Bayou Segnette Pumping Station to Westwego Pumping Station No. 2 with new protection designed to the USACE Case 1 - 100 year level of protection.

### Memberships & Associations:

- American Society of Civil Engineers
- Society of American Military Engineers
- American Concrete Institute



# LICENSURE/CERTIFICATIONS: JAMES SIMMONS, PE




**LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)**  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. James E. Simmons**

License/Certificate Type - Number      Expiration Date  
**PE.0019891**      **09/30/2025**

Status: **Active**



**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

**James E Simmons**  
has attended  
**Louisiana Traffic Control Technician**  
Training Course


9/5/2023 to 9/5/2027  
Training Valid Through

Baton Rouge, LA  
Location


*Donna M. Clark*  
Vice President of Education and Technical Services

*Sharon Truesher*  
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.



American Traffic Safety Services Association ATSSA.com



**ACEC**  
AMERICAN COUNCIL OF ENGINEERING COMPANIES  
of Mississippi

*This Certificate of Participation  
is presented to*

**Jim Simmons**

*for participating in the following sessions at the  
2014 ACEC-MS/NSBA Steel Bridge Forum*

*Topics on Steel Girder Design*

*Constructability and Availability Considerations for Steel Bridges*

*Virtual Fabrication Shop Tour*

*Bolted Splice Design*

*Effect of skewed Supports on Steel I girder Bridge Behavior*

*Advanced Fabrication Processes*

*At the Mississippi ABC Building, Pearl MS  
August 28, 2014*

The Mississippi Board of Registration for Professional Engineers and Land Surveyors (BOR) has established the formal Professional Development Hour (PDH) in the requirements for license renewal. Seminars within this meeting conform to the rules established by the BOR, and in consequence, should qualify for a formal 6.5 PDH credits.

*James Nelson*  
James Nelson  
President, ACEC/MS

*Judy Adams*  
Judy Adams  
Executive Director, ACEC/MS



**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

**James E Simmons**  
has attended  
**Louisiana Traffic Control Supervisor**  
Training Course

9/6/2023 to 9/6/2027  
Training Valid Through

Baton Rouge, LA  
Location

*Donna M. Clark*  
Vice President of Education and Technical Services

*Sharon Truesher*  
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.



American Traffic Safety Services Association ATSSA.com



**National Highway Institute  
Certificate of Training**

**James E. Simmons**



*has participated in*  
**NEPA and Transportation Decision Making**  
*hosted by*  
**LADOTD / LTRC**

*Location:* Baton Rouge, LA      *Hours of instruction:* 18

*Date:* August 31 - September 2, 2004

*Michael J. A. Gandy*  
Instructor  
*Morgan Rydell*  
Director, National Highway Institute  
Federal Highway Administration

*William M. Gandy*  
Coordinator  
*William M. Gandy*  
Director, Office of Professional Development  
Federal Highway Administration

**Certificate of Attendance**

Local Public Agency Qualification Program  
Project Design & Delivery: Developing an LPA Project for Bidding Module

PRESENTED BY  
Louisiana Department of Transportation and Development  
Louisiana Local Technical Assistance Program  
And  
The Federal Highway Administration

TO CERTIFY THAT  
**Jim Simmons**  
HAS SATISFACTORILY COMPLETED 7 HOURS OF TRAINING

*Elizabeth Wemple*  
Director of Local Public

*February 24, 2015*  
Date  
*New Orleans, Louisiana*




*This certificate of training is presented to*  
**JAMES SIMMONS**  
*In Recognition of Attending*  
**Highway Safety Manual Workshop**  
**Baton Rouge, Louisiana**

*Elizabeth Wemple, PE*      18.0 Professional Development Hours      *Nov 30-Dec 2, 2011*  
Instructor      Date

**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Fred C. Mortali, PE – Civil Engineer**

Project Assignment:

**Civil and Hydraulic Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**15 Years**

Education: Degree(s)/Year/Specialization:

**Bachelor of Civil Engineering/1989/University of Toledo/Civil Engineering**

Active registration: Year first registered/discipline:

**LA (35111)/2010/Civil Engineering MS (20103)/2011/Civil Engineering**

Other experience and qualifications relevant to the proposed Project:

**Mr. Mortali's 31 years of experience includes the design of various types of civil engineering projects including storm drainage, flood control, water, wastewater, and street projects, including particular expertise in drainage studies and H&H modeling.**

**Buildings: Site Work and Utilities**

**SWBNO Resiliency Complex; Sewerage & Water Board of New Orleans:** Renovation of the existing 20,000 SF Head House Building for use as a Safe House to meet the FEMA P-361 criteria; A new 20,500 SF "Infill Building" designed to meet FEMA P-361 criteria; and Hardening of the adjacent Engineering Complex (windows, doors & roof) to meet current IBC wind speeds up to 150 mph.

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**New 1<sup>st</sup> District Station for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA:** This 18,500 SF facility includes an exterior plaza, 2 retail lease spaces and a DWI holding area on the 1<sup>st</sup> floor. The 2<sup>nd</sup> floor area includes the sheriff's squadron, offices, restrooms, fitness room, roll call, and interview and evidence rooms. The site has 70 parking spaces, new sidewalks and landscaping, a loading area, and a diesel generator allowing the building to be self-sufficient during prolonged power outages.

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**Percy Griffin Community Center; Plaquemines Parish, LA:** A 14,000 SF community center including a multi-purposed room, exercise room, commercial kitchen and administrative offices. The project also included the replacement of a pool and pool house.

**Other Experience in Jefferson Parish**

▪ **Roadways and Drainage**  
**Program Management of the Eastbank FEMA Submerged Roads Program; Jefferson Parish, LA:** Mr. Mortali was the Program Manager for the Design and Construction Management of \$83 million of FEMA funded concrete and asphalt street improvements. Mr. Mortali was responsible for overall program implementation including the oversight of 5 design engineers and approx. 20 construction contractors.

▪ **Duncan Canal Improvements at West Esplanade Avenue; Kenner, LA:** A Hydraulics Study and Preliminary & Final Design of a double barrel, 3000 CFS, 340 LF box culvert which will replace the existing bridges crossing the Duncan Canal.


▪ **Wastewater**  
**Rehabilitation of the Trickling Filters at the Marrero Wastewater Treatment Plant; Jefferson Parish, LA:** The \$5 million replacement of the trickling filters rotary distribution system, including rehabilitation of the existing filter media, and removal, repair and replacement of two, 130' diameter aluminum geodetic dome covers for the trickling filters.

▪ **New Sewage Pump Station & Rerouting of Force Mains at Transcontinental & Vineland Streets; Metairie, LA:** A new 23,000 GPM wastewater pumping station, which included tapping two existing 24" diameter force mains and installing pipeline to the splitter box of the new pump station. Also included is an overflow bypass system designed to bypass the pumps and prevent overflow of the pump station wet well in the case of a power failure.

**Memberships & Associations:**

- American Society of Civil Engineers
- Society of American Military Engineers

## LICENSURE/CERTIFICATIONS: FRED MORTALI, PE

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
<b>Mr. Fred Charles Mortali</b>	
License/Certificate Type - Number	Expiration Date
<b>PE.0035111</b>	<b>03/31/2026</b>
Status:	<b>Active</b>

	
<b>PROOF OF TRAINING</b>	
THIS CERTIFICATE HEREBY RECOGNIZES THAT	
<b>Fred Mortali</b>	
has attended	
<b>Louisiana Traffic Control Supervisor Refresher</b>	
Training Course	
<b>8/18/2023 to 8/18/2027</b> Training Valid Through	 Vice President of Education and Technical Services
<b>New Orleans, LA</b> Location	 President, CEO
<small>ATSSA provides training and certification but neither constitutes employment by ATSSA.</small>	
 <small>American Traffic Safety Services Association ATSSA.com</small>	

<b>Certificate of Attendance</b>	
presented to	
<b>Fred Mortali</b>	
for attending the	
<b>Highway Safety Manual Workshop</b>	
20 Professional Development Hours	
<b>March 8-10, 2016</b>	
<b>Baton Rouge, Louisiana</b>	
 Authorized Instructor	
 <small>LOUISIANA DEPARTMENT OF TRANSPORTATION &amp; DEVELOPMENT</small>	 <small>LOUISIANA TRANSPORTATION RESEARCH CENTER</small>



**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**William Haensel, PE, PLS – Senior Civil Engineer**

Project Assignment:

**Senior Civil Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**3 Years**

Education: Degree(s)/Year/Specialization:

**Bachelor of Science / 1968 / Civil Engineering****Master of Science Studies / 1968-1974 / Civil Engineering**

Active registration: Year first registered/discipline:

**LA (13375)/1972/Civil Engineering**

Other experience and qualifications relevant to the proposed Project:

Mr. Haensel has over 50 years of experience including civil and structural engineering design of levees, floodwalls, drainage pumping stations, box culverts, building foundations and bridges. His experience also includes working for the USACE, New Orleans District in the channel stabilization branch where he was responsible for the engineering design and documentation of river revetments and shore protection for the Mississippi and Atchafalaya Rivers.

**Buildings: Site Work and Utilities**➤ **With Other Firms**

**Live Oak Subdivision (Sweet Bay Ln, Black Cherry Ln, Laurel Oak Ln); Jefferson Parish, LA:** Approximately 3,425 linear feet of 8" diameter gravity sewer mains to serve new residential development.

**Hickory Ridge Lane and Ferriday Court; Jefferson Parish, LA:** The new public roadway access to newly developed property. A stormwater detention analysis was prepared for the streets to determine drainage pipe sizes. Design included approximately 1,800 linear feet of new 15", 18", and 24" diameter reinforced concrete drainage pipe to serve the area. Additionally, new sanitary sewer lines and a community water distribution system was included in the design of the street.

**Savannah Drive; Jefferson Parish, LA:** The design of new public roadways for access to newly developed property. A stormwater detention analysis was prepared for the street to determine pipe sizes. The design included approximately 850 linear feet of new 15" and 18" reinforced concrete drain lines to serve the area.

**Belle Promenade Mall; Jefferson Parish, LA:** Provided design and construction administration services for 6,500 linear feet of 8" and 12" diameter water mains to serve a new shopping center on Barataria Boulevard. The plans and specifications were submitted to and approved by the Louisiana Department of Health and Hospitals, the Jefferson Parish Department of Water and Jefferson Parish Department of Public Works.

**Other Experience**➤ **With N-Y**

**Replacement of 20 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** The replacement of thirty-four (34) rural bridges crossing creeks and bayous on the State Highway System in LADOTD District 08, 58 and 05.

**Morganza to the Gulf of Mexico, Minors and Shell East Canal Floodgate Complex; Terrebonne Parish, LA:** Design of 56' wide and 125' wide barge gates including the design of temporary by-pass channels, tie in T-walls (both straight and PI monoliths), braced cofferdams, barge gate receiving structures (pile supported foundations and abutments), guide walls, pile protection clusters, and other associated work.

➤ **With Other Firms**

**Lake Cataouatche Drainage Basin Study; Jefferson Parish, LA:** The study area was approximately 9,420 acres or 14.7 square miles. The study area consisted of the southern portions of three sub drainage areas from the western Jefferson Parish line to Bayou Segnette and from the Mississippi River levee south to the Lake Cataouatche levee. Approximately 58,508 linear feet of Mississippi River levee border the basin on the north while approximately 46,745 linear feet of Lake Cataouatche levee border the southern boundary.

**Louis Armstrong International Airport Access Road Reconstruction; Jefferson Parish, LA:** Design of cold mill and overlay of existing roadway, roadway widening, turn lane improvements, concrete safety median barrier, roadway lighting, and landscaping. This 7,750 linear foot roadway project was needed to improve the safety of this heavily traveled access road which previously had a record of fatalities resulting from high-speed head on collisions. The design of a median barrier and lighting was selected to address the safety issue. Widening also provided adequate shoulder for safety improvement.







LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
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Phone (225) 925-6291  
[www.lapels.com](http://www.lapels.com)

Mr. William B. Haensel Jr.

License/Certificate Type - Number

PE.0013375

Expiration Date

03/31/2026

Status: **Active**



Jefferson  
Parish  
State of Louisiana

**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Steven Fall, PE – Senior Civil & Structural Engineer**

Project Assignment:

**Senior Civil & Structural Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**16 Years**

Education: Degree(s)/Year/Specialization:

**Bachelor of Science/1985/Vanderbilt University/Civil and Environmental Engineering****Master of Business Administration/1987/Loyola University**

Active registration: Year first registered/discipline:

**LA (27095)/1997/Civil****MS (13351)/1997/Civil****FL (052242)/1997/Civil****AL (22315)/1998/Civil****TX (92359)/2003/Civil****NY (094123)/2014/Civil**

Other experience and qualifications relevant to the proposed Project:

**Mr. Fall has 40 years of Civil and Structural Engineering experience including Offshore/Industrial projects, Bridges, and Flood Control and Drainage projects consisting of levees, floodwalls and gated flood control structures. He also has extensive experience in Design Management, Construction Project Management, Flood Plain Management, Code Enforcement & Public Works Service.**

**Buildings: Structural Renovations**

**SWBNO Resiliency Complex; Sewerage & Water Board of New Orleans:** Renovation of the existing 20,000 SF Head House Building for use as a Safe House including structural modifications to meet the FEMA P-361 criteria; A new 20,500 SF "Infill Building" between the existing Head House and Engineering Complex designed to meet FEMA P-361 criteria; and Hardening of the adjacent Engineering Complex (windows, doors and roof) to meet current IBC wind speeds up to 150 mph.

**New Security Operations Center at Louis Armstrong New Orleans International Airport; Kenner, LA:** A new 10,000 SF AVCOM and EOC including Access Control, CCTV, AVCOM, hardware, fire alarm and security system upgrades and replacement for the main terminal building and 4 concourses. The project also included structural modifications within the terminal and an external generator for the new Network Operations Center (NOC).

**Highways and Bridges**

**Comite River Diversion Project – US Highway 61 and Kansas City Southern Railway Bridges; East Baton Rouge Parish, LA:** New northbound and southbound highway bridges for the US 61 (Airline Highway) crossing of the diversion channel and the accompanying US 61 bypass road, a new railway bridge & shoofly, pile load tests for the bridges, a portion of the diversion discharge channel, the relocation of Barnett Road, and all required area drainage.

**LA 1088 Interchange, Route I-12; St. Tammany Parish, LA:**

The addition of a fully directional interchange to I-12 at LA 1088. The interchange includes: 6585 LF of widening LA 1088 from a 2-lane roadway to a 4-lane divided roadway; 8648 LF of single lane ramps; New 446 LF westbound 2-lane bridge using AASHTO Type IV precast pre-stressed concrete girders; Drainage included 24", 36", 42", 54", 60" and 72" diameter reinforced concrete and reinforced concrete arch pipes.

**Drainage and Flood Control**

**WSLP 109 - West Shore Lake Pontchartrain Levees and Floodwalls; St. John the Baptist Parish, LA:** 5580 LF of new levee, 280 LF of T-wall, transition floodwalls tying the T-wall into the levee section, multiple T-wall monoliths up to 15' high designed to current HSDRRS criteria, a multi-culvert crossing of the interior drainage canal at the access road.

**WSLP 114 - West Shore Lake Pontchartrain Levees and Floodwalls; St. Charles and St. John the Baptist Parishes, LA:** 3000 LF of new levees and 1840 LF of floodwall associated with the following four (4) West Shore project Drainage Pumping Stations: Hope Canal Pump Station, Reserve Relief Canal Pump Station, I-55 Floodwall and Pump Station, Prescott Canal Pump Station. (subconsultant)

**Bayou Segnette Complex Flood Protection – Navigable Sector Gate, Floodwalls, Levee & Pump Stations; Jefferson Parish, LA:** Replacement of the existing flood protection from Bayou Segnette Pump Station to Westwego Pump Station No. 2 with new protection designed to the USACE Case 1-100 year level of protection.

**Memberships & Associations:**

- American Society of Civil Engineers
- Society of American Military Engineers
- American Concrete Institute
- American Public Works Association

**LICENSURE: STEVEN FALL, PE**



**LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LPELS)**  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
[www.lapels.com](http://www.lapels.com)

**Mr. Steven Mark Fall Sr.**

License/Certificate Type - Number

**PE.0023634**

Expiration Date

**03/31/2026**

Status: **Active**





**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Neil D. Logan, PE – Civil & Structural Engineer**

Project Assignment:

**Senior Structural Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc. (part-time)**

Years' experience with this Firm:

**45 Years**

Education: Degree(s)/Year/Specialization:

**Bachelor of Science/1961/Purdue University/Civil Engineering**

Active registration: Year first registered/discipline:

**LA (14607)/1974/Civil Engineering MS (07040)/1977/Civil Engineering**

Other experience and qualifications relevant to the proposed Project:

**Mr. Logan has 63 years of engineering experience in the design and construction of bridges and flood control projects. His work has included the structural design of floodwalls, drainage pumping stations, levees, and gated flood control structures.**

**Public Buildings**

**SWBNO Resiliency Complex; Sewerage & Water Board of New Orleans:** Renovation of the existing 20,000 SF Head House Building for use as a Safe House to meet the FEMA P-361 criteria; A new 20,500 SF "Infill Building" designed to meet FEMA P-361 criteria; and Hardening of the adjacent Engineering Complex (windows, doors & roof) to meet current IBC wind speeds up to 150 mph.

**Marrero Wastewater Treatment Plant Administration Building and Safe House; Marrero, LA:** This 5,400 SF facility includes a lobby, 3 offices, an operations room, a lab, a training room with storage, a break room, locker rooms, toilet rooms, electrical rooms, mechanical rooms, and a storage room. 2,056 SF of this facility was designed as a safe room per FEMA 361 criteria to allow for sheltering in place of West Bank Sewerage Dept. personnel during storm events.

**New Fire Station No. 14; Jefferson Parish, LA:** A new, two-story 7,050 SF fire station (including 2610 SF of vehicle garage) which includes a 2-bay apparatus room, fire gear locker room, storage area, equipment mezzanine, living area, kitchen, radio/computer room, captain's quarters, bath and toilet rooms, and mechanical space.

**East Bank Maintenance and Administration Building for the Department of Streets; Jefferson Parish, LA:** A new 17,000 SF administration/office building to house the staff of the Department of Streets which also serves as a critical coordination center for post disaster recovery efforts within Jefferson Parish. The building includes administrative offices, conference rooms, locker rooms, and a staff assembly area attached to an existing warehouse that was also hardened and renovated.

**Crime Lab Repairs for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA:** Design for repairs to the Crime Lab due to water intrusion caused by Hurricane Isaac. The scope of the project consists of removing and replacing the building envelope of the 48,000 SF four-story building.



**East Bank Regional Library and Library Headquarters; Jefferson Parish, LA:** A \$17.4 Million, 135,777 SF facility, which includes computer classrooms for internet training, as well as security, access, control, and CCTV telecommunications systems. The facility houses both the public library and the administrative headquarters for the entire Jefferson Parish Library System, including a 9,000 SF, 300-person capacity meeting room.

**Structural Evaluation and Report for the Emergency Command Center/West Jefferson Levee District Maintenance Building; Marrero, LA:** Structural Evaluation including review of plans and specifications, site visits to verify conditions and assessing the structure for its ability to withstand wind loads during major storm events.

**Lakeway Center; Metairie, LA:** A three-building investment grade office and hotel development. Lakeway One includes 14 stories; 300,000 SF of commercial office space and a 5-story, 1000 vehicle parking garage. Lakeway Two includes 19 stories; 475,000 SF of commercial office space and a 6 story, 1500 vehicle parking garage. Lakeway Three includes 33 stories; 400,000 SF of commercial office space, a 160 room hotel and an 8-story, 1500 vehicle parking garage.

**Multi-Purpose Building and Library at Elaine P. Nunez Community College; Chalmette, LA:** An 80,000 SF multi-purpose building which includes a sloped-floor auditorium with seating for 500 people. The building also contains 22 classrooms and a 37,000 SF library.

**Renovations and Repairs to Fire Station No. 12; St. Bernard Parish, LA:** Repairs and Renovations due to damage caused by Hurricane Isaac including selective demolition and roof repairs and new metal wall panels, interior and exterior doors, windows, hardware, storage lockers, acoustical panel ceilings, light fixtures, toilet and plumbing fixtures and electrical gear.

**USACE: Venice Sub-Office Replacement Building; Venice, LA:** A 10,000 SF, 2-story pre-cast concrete building with 8 offices, reception area, conference room, kitchen, exercise room, garage, 400 KW emergency generator, guardhouse and a 100' high communications radio tower. The building is designed to withstand 155 mph sustained winds.



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**Mr. Neil D. Logan**

License/Certificate Type - Number

**PE.0014607**

Expiration Date

**03/31/2025**

Status: **Active**



**Jefferson  
Parish**  
State of Louisiana

**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Patricia R. Claverie, EI, MS**

Project Assignment:

**Civil Engineering / Hydrology and Hydraulics**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**3 Years / 21 years with Other Firms**

Education: Degree(s)/Year/Specialization:

**Bachelor of Science/2000/University of New Orleans/Civil and Environmental Engineering****Master of Science/2003/University of New Orleans/Engineering Management**

Active registration: Year first registered/discipline:

**LA (19340)/2000/Civil EIT**

Other experience and qualifications relevant to the proposed Project:

Patricia Claverie has 24 years of experience in H&H modeling. She has extensive knowledge of ArcView, PCSWMM, SWMM5, HEC-HMS, and HEC-RAS for drainage improvements and hydraulic design for bridges and culvert design. Her experience also includes planning and engineering services for Sewer Infiltration and Inflow Management using InfoWorks and developing shape files for GIS. Ms. Claverie also is knowledgeable in roadway design, traffic control plans, signage and pavement marking plans, storm water pollution prevention plans, sanitary sewer and water line improvement plans, and hydrologic studies.

**Roadway & Drainage Experience:**

**Coin Du Lestin Road Elevation; Slidell, LA:** H&H Modeling utilizing HEC-RAS that illustrates the existing conditions, determines the required roadway elevations to prevent inundation in a 100-year event, evaluates the drainage impacts that will occur due to raising the roadway elevations, and provides a final recommendation.

**Replacement of 15 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** H&H Modeling utilizing HEC-RAS for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD District 08, 58 and 05.

**Improvements to Carriage Canal and Dunleith Canal; St. Charles Parish, LA:** A new 107 LF concrete open flume at the intersection of the Carriage Canal and the Dunleith Canal to channel the two perpendicular flows into one uniform flow and a 540 LF of new sheet piles that will tie into the new concrete flume.

**➤ With Other Firms**

**Master Drainage Plan for Sewerage and Water Board of New Orleans:** Ms. Claverie was responsible for creating the hydraulic model using PCSWMM for both the existing conditions and required drainage improvements for the Algiers and English Turn areas.

**USACE – Southeast Louisiana Urban Flood Control Program (SELA), Orleans Parish, LA:** Ms. Claverie provided construction and program management services for the Sewerage and Water Board (S&WB) of New Orleans on the \$1B drainage improvement program. She coordinated the design and construction work for the S&WB between the USACE and the design A/E firms. She reviewed contract and construction documents for constructability, inputted review comments into Dr. Checks, coordinated acquisitions of rights-of-way and construction easements, and reviewed the design of the relocation of utilities. She performed computer hydraulic modeling using the XP-SWMM program for major drainage canals and systems to determine the existing conditions and required drainage improvements, evaluated water surface profiles for existing and proposed improvements, and prepared conceptual plans and preliminary construction cost estimates for various open and covered canals.

**Grays Creek, Livingston Parish, LA:** Ms. Claverie was responsible for preparing a Drainage Study for Grays Creek from Florida Boulevard (Hwy 190) to Interstate-12 in Livingston Parish. Ms. Claverie created an existing condition model in HEC-RAS for Grays Creek. In addition, the following alternatives were evaluated in the HEC-RAS proposed model: widening the channel bottom, fixing the centerline slope, adding concrete slope paving to side banks, and replacing the bridges with culverts.





**City of Lumberton Drainage Study, Lumberton, TX:** Ms. Claverie developed a hydraulic model using HEC-RAS software to design the detention ponds for two of the six drainage basins.

**Concord Road, Beaumont, TX:** Design of the reconstruction of 5 miles of roadway from 2-lanes to 4-lanes. This project also included improving the drainage for the adjacent residential areas. Ms. Claverie was responsible for completing the hydrologic studies, hydraulic design, traffic control plans, storm water pollution prevention plans, sanitary sewer and water line improvement plans, bridge layouts, ROW plans and plan-profile sheets.

**Statewide Flood Control Applications for Louisiana Avenue and General DeGaulle Canals (SELA), New Orleans, LA:** The application included Hydraulic Modeling and AutoCAD drawings. Ms. Claverie was the project engineer and was responsible for running the HEC-RAS hydraulic model, preparing the report and required spreadsheets for the application.

**Identify & Prioritize Drainage Improvements for the City of Kenner Drainage System, Kenner, LA:** Ms. Claverie aided in the development of a program to identify and prioritize needed drainage system improvements. This project included a hydraulic model, calibration to reflect existing known conditions, finalization of output data from HEC-RAS, development of a master plan report, establishment of construction cost & implementation plan, and funding alternatives.

Ms. Claverie worked on the following relevant projects:

- Mississippi River Levees – Alhambra to Modeste – Iberville & Ascension Parishes, Louisiana – Levees Design including Concrete Slope Pavement
- Mississippi River Levees – Eastbank and Westbank Gaps – East Baton Rouge, St. James, St. Charles, Ascension, and Jefferson Parishes, Louisiana – Levees Design including Concrete Slope Pavement
- Lake Pontchartrain, Louisiana and Vicinity, Hurricane Protection Project – Jefferson Parish Reach 5 – 2nd Lift Levee & Bonabel Blvd Floodgate – Levees & Floodwalls Designs, Coastal Erosion Protection
- Larose to Golden Meadow Hurricane Protection Project – Sections A, D, E & F – Lafourche Parish, Louisiana – Levees Studies & Designs
- New Orleans to Venice Hurricane Protection Project – Nairn to Venice – Plaquemines Parish, Louisiana – Levees, Floodwalls & Dikes Designs, Coastal Erosion Protection
- St. Bernard Hurricane Protection Project – Verret to Caernarvon – St. Bernard Parish, Louisiana – Levees & Floodwalls Designs, Coastal Erosion Protection
- West Atchafalaya Basin Protection Levee, Item W-102, Second Levee Enlargement – St. Mary Parish, Louisiana – Levees Design
- West Bank and Vicinity, Hurricane Protection Project, Lake Cataouatche Levee Enlargement – Hwy 90 to Segnette State Park – Jefferson Parish, Louisiana – Levees Design, Coastal Erosion Protection
- West Bank and Vicinity, Hurricane Protection Project, New Westwego Pump Station to Old Orleans Village Pump Station – Second Lift – Jefferson Parish, Louisiana – Levees Design, Coastal Erosion Protection

#### Flood Protection Experience:

**US Army Corps of Engineers, MVN – Levees Section New Orleans, LA:** Ms. Claverie reviewed plans and prepared specifications for levee and other flood protection projects, analyzed cross sections and topography data, utilized CSV (Cross Section Volume) Program, located and sized borrow pits and calculated quantities for project bid items. She conducted on-site investigations to identify utilities, including pipeline facilities within project limits, which required relocation. Ms. Claverie reviewed contract A-E and in-house construction plans for format and CADD technical accuracy and standards. She also reviewed construction permits applications by others and accompanying plans and specifications to assure compliance with USACE MVN standards and to identify any conflict with current USACE MVN project objectives.

#### Memberships & Associations:

- The American Society of Civil Engineers
- The Society of American Military Engineers



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**Ms. Patricia Renee' Claverie**

License/Certificate Type - Number

**EI.0019340**

Expiration Date

**09/30/2026**

Status: **Active**



**Jefferson  
Parish**  
State of Louisiana

**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Dennis G. Voss, NICET, Level IV**

Project Assignment:

**Senior Engineering Technician (Civil)**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**50 Years**

Education: Degree(s)/Year/Specialization:

**Associate Degree/1968/Delgado Junior College/Engineering Technology****2 years, Engineering Studies/1962-1965/University of New Orleans**

Active registration: Year first registered/discipline:

**National Institute for Certification in Engineering Technology (54584)/1976/Engineering Technician, Level IV**

Other experience and qualifications relevant to the proposed Project:

**Buildings: Sitework and Utilities**

**SWBNO Resiliency Complex; Sewerage & Water Board of New Orleans:** Renovation of the existing 20,000 SF Head House Building for use as a Safe House including structural modifications to meet the FEMA P-361 criteria; A new 20,500 SF "Infill Building" between the existing Head House and Engineering Complex designed to meet FEMA P-361 criteria; and Hardening of the adjacent Engineering Complex (windows, doors and roof) to meet current IBC wind speeds up to 150 mph.

**Marrero Wastewater Treatment Plant Administration Building and Safe House; Marrero, LA:** A new 5,400 SF administration and safe house building including a lobby, 3 offices, an operations room, a lab, a training room with storage, a break room, locker rooms, toilet rooms, electrical & mechanical rooms and a storage room. 2,056 SF of this facility was designed as a safe room per FEMA 361 criteria to allow for sheltering in place of West Bank Sewerage Dept. personnel during storm events.

**New 1<sup>st</sup> District Station for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA:** This 18,500 SF facility includes the new 9,250 SF First District Office elevated one story above grade; and a 9,250 SF first floor including retail space and storage for the Sheriff's Office.

**Harvey Volunteer Fire Department Maintenance Building; Harvey, LA:** A new 8,000 SF pre-engineered metal maintenance building consisting of three (3) double-ended maintenance bays for fire truck services and repairs.

**New Fire Station No. 18; Jefferson Parish, LA:** Design of a new 11,000 SF fire station which will include a 2-bay apparatus room, fire gear locker area, storage area, day room, radio / computer room, kitchen, captain's quarters, dormitory, shower and toilet facilities and mechanical space. Scope of work includes addressing site access and traffic control issues and an appropriate aesthetic.

**Fire Station No. 14; Jefferson Parish, LA:** A new two-story, 7,050 SF fire station including a 2,610 SF vehicle garage. The fire station includes a 2-bay apparatus room, fire gear locker room, storage area, equipment mezzanine, living area, kitchen, radio/computer room, captain's quarters, dormitory, bath and toilet rooms, and mechanical space.

**East Bank Maintenance and Administration Building for the Department of Streets; Jefferson Parish, LA:** A new 17,000 SF administration/office building to house the staff of the Department of Streets which also serves as a critical coordination center for post disaster recovery efforts within Jefferson Parish. The building includes administrative offices, conference rooms, locker rooms, and a staff assembly area attached to an existing warehouse that was also hardened and renovated.

**Multi-Mission Station Building, U.S. Coast Guard Station; Metairie, LA:** A new 23,000 SF building including a control center, a communications center, administrative offices, classrooms, a conference room, several berthing rooms, a physical fitness area, galley, dining area and maintenance shop.

**East Bank Regional Library and Library Headquarters; Jefferson Parish, LA:** A 135,777 SF facility, which includes computer classrooms for internet training, as well as security, access, control, and CCTV telecommunications systems. The facility houses both the public library and the administrative headquarters for the entire Jefferson Parish Library System, including a 9,000 SF, 300-person capacity meeting room.

**Jefferson Parish Westbank Health Unit; Marrero, LA:** A 36,895 SF medical clinic including administrative areas, examination rooms, a laboratory, x-ray rooms, patient waiting areas and a 150- person capacity meeting room. Site improvements included an access road and a 200-vehicle parking lot.





**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Noah Jackson, CADD/CADD Technician**

Project Assignment:

**Engineering CADD Technician**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**6 Years (19 Years with Other Firms)**

Education: Degree(s)/Year/Specialization:

**Associates Degree/Engineering Technology**

Active registration: Year first registered/discipline:

**N/A**

Other experience and qualifications relevant to the proposed Project:

**Training: AutoCAD Civil 3D, Bentley MicroStation and Revit 2020****Project Experience**

**Sewerage and Water Board of New Orleans Resiliency Complex; New Orleans, LA:** Renovation of the existing Head House Building for use as a Safe House with structural modifications to meet the FEMA P-361 criteria for wind speeds up to 190 mph; A new "Infill Building" designed to meet FEMA P-361 criteria for wind speeds up to 190 mph; and Hardening of the adjacent Engineering Complex (windows, doors and roof) to meet current IBC wind speeds up to 150 mph.

**WSLP-109, Westshore Lake Pontchartrain Levees and Floodwalls; St. Charles Parish, LA:** The work includes: 5580 LF of new levee, 354 LF of T-wall crossing over nine (9) pipelines, transition floodwalls tying the T-wall into the levee section, multiple T-wall monoliths up to 11' high designed to current HSDRRS criteria; and a multi-culvert crossing of the interior drainage canal at the access road.

**WSLP-114 - West Shore Lake Pontchartrain Levees and Floodwalls; St. Charles and St. John the Baptist Parishes, LA:** 3000 LF of new levees and 1840 LF of new floodwalls (T-walls up to 20' high) to current HSDRSS criteria associated with the following 4 West Shore project Drainage Pumping Stations: Reserve Relief Canal Pump Station, I-55 Floodwall & Pump Station, Hope Canal Drainage Structure, and Prescott Canal Drainage Structure.

**New Wastewater Treatment Plant for the St. Bernard Port, Harbor & Terminal District:** A new 20,000 GPD Package Wastewater Treatment Plant which includes: A pre-fabricated steel treatment plant on a pile supported foundation; Electrical service and controls; Re-routing the pump station force main to the new plant; Effluent gravity line to a small pond; Chlorine gas feed to the treatment plant; Site work including grading, drainage, lighting and parking.

**Comite River Diversion Project – US Highway 61 Railway Bridges; East Baton Rouge Parish, LA:** Design for new north bound and south bound bridges for the US Highway 61 crossing. The northbound and southbound bridges will each have a five (5) span precast prestressed girder and concrete deck, including bridge abutments, bents, superstructure and sub-structure with a 30-foot scour requirement. All work is being performed to LADOTD standards and is being reviewed by the LADOTD.

**Carney Road Realignment and New Bridge; East Baton Rouge Parish, LA:** A new alignment of approx. 1 mile of Carney Road and a new 3-span bridge crossing Bayou Baton Rouge using LADOTD LG girders. The new roadway and bridge will both include two, 11' travel lanes and 8' shoulders/bicycle lanes meeting East Baton Rouge's Complete Streets requirements.

**Five (5) New "Waskey-type" Bridges associated with the West Shore Lake Pontchartrain Flood Protection System, WSLP-114; St. Charles and St. John the Baptist Parishes, LA:** Design of five (5) new "Waskey-type" access bridges ranging in length from 60 feet to 160 feet using precast deck panels, precast pile bent caps, and precast barrier rails supported on precast concrete piles. The bridges vary in width: 24-foot, 16-foot and 12-foot clear width, gutter to gutter. The bridges are being designed for an AASHTO HS20 truck load (HL-93 loading).

**Eastbound West Metairie Replacement Bridge over the Soniat Canal; Jefferson Parish, LA:** The forty-foot spans used prestressed, precast Quad Beams, which are 18" x 18" using 8500 psi concrete and are tensioned with 0.6 diameter strands. The piles are approx. 82' in length and are 18" square, prestressed, precast concrete.

**Replacement of 15 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** The replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD District 08, 58 and 05.

Certificate of Completion for successfully completing

Autodesk

## Revit 2020 Fundamentals

24 contact hours  
November 19, 20, 23 & 24

Noah Jackson

Seminar Participant

November 24, 2020

Date of Completion



Ken Colgan, Trainer

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State of Louisiana



**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Johnny Thompson, Quality Assurance Representative**

Project Assignment:

**Quality Assurance Representative/Resident Inspector**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**7 Years (45 years with other firms)**

Education: Degree(s)/Year/Specialization:

**Associates Degree/Mechanical & Electrical Engineering and HVAC Controls**

Active registration: Year first registered/discipline:

**N/A**

Other experience and qualifications relevant to the proposed Project:

**Quality Assurance Experience with N-Y:**

**New 1<sup>st</sup> District Station for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA:** This 18,500 SF facility includes the new 9,250 SF First District Office elevated one story above grade; and a 9,250 SF first floor including retail space and storages for the Sheriff's Office. The First District Office includes offices, a meeting room, and typical support spaces (reception area, break room, toilet rooms, mechanical rooms, electrical rooms, elevator and stairs).

**40 Arpent Floodwall Canal; St. Bernard Parish, LA:** Resident Inspection Services during the repair, blasting and painting of an existing 8,100 LF sheet pile wall along the 40 Arpent Levee System in St. Bernard Parish. N-Y inspected the condition of the sheet pile wall and determined the amount of visible welding and patch to be performed due to corrosion and holes in the sheet pile wall.

**Port of South Louisiana – DOW Chemical Railyard Expansion; St. Charles Parish, LA:** Resident Inspection Services for the construction of a 5-track railyard for DOW Chemical with over 27,000 LF of new track capable of handling 250 rail cars.

**Mitigation of Outfall Canal Erosion Orleans Avenue Canal; New Orleans, LA:** Resident Inspection Services during the installation of canal bank erosion mitigation measures for approx. 1.65 miles of the Orleans Avenue Canal from I-610 to Robert E. Lee Boulevard. The mitigation measures include a 37,000 SY stone-filled cellular confinement system with geotextile fabric and 6" thick compacted crushed stone, and 441 CY of riprap.

**Project Experience with Other Firms:**

**St. Charles Parish Public Works (2013-2016):** Mr. Thompson served as a Project Manager for the St. Charles Parish Department of Public Works. In this role, he was responsible for managing street, drainage, water and sewer projects of various sizes and costs.

**Resident Inspector/Site Representative, Civil & Environmental Consulting Engineers (2000-2013):** Mr. Thompson served as a resident inspection and site representative for street, drainage, water and sewer projects of various sizes and costs.

**Hydrochem Industrial Services, Inc. (1999-2000):** Mr. Thompson served as a Project Manager for Hydrochem Industrial Services, Inc. In this role, he was responsible for managing projects of various sizes and costs.

**Brown & Root Energy Services for CONOCO, Inc.; Lafayette, LA (1997 – 1999):** Mr. Thompson served as maintenance advisor for mechanical integrity, systems electrical and instrumentation for Brown & Root Energy Services for CONOCO, Inc.

**Brown & Root, Inc., Mobil Oil Co; Chalmette, LA (1996-1997):** Mr. Thompson served as a Project Superintendent for Brown & Root, Inc. for Mobil Oil Co for various Capital Projects up to \$10 million. His responsibilities included turnaround planning and execution and supplementary maintenance.

**Brown & Root, Inc., Petro-Chem Star Enterprise (TEXACO) (1995-1996):** Mr. Thompson served as a Project Superintendent for Brown & Root, Inc. for Petro-Chem Star Enterprise (TEXACO). He was responsible for the planning and scheduling of various projects.

**Brown & Root Industrial Services (1993-1995):** Mr. Thompson served as a Project Superintendent for Brown & Root Industrial Services. He was responsible for the planning, scheduling and contract management of various projects.

**KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

Name &amp; Title:

**Stanley Mitchell, Quality Assurance Representative**

Project Assignment:

**Quality Assurance Representative/Resident Inspector**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**10 Years (28 years with other firms)**

Education: Degree(s)/Year/Specialization:

**Various Technical and Managerial Courses provided by Civil Service**

Active registration: Year first registered/discipline:



Other experience and qualifications relevant to the proposed Project:

**Quality Assurance Experience with N-Y:**

**Lone Star Area Sewer Rehabilitation; St. Charles Parish, LA:** Resident Inspection for the sewer rehabilitation of approx. 3316 LF of 8" sewer lines, seven (7) lateral connections at the main line and thirteen (13) manholes. The project consists of gravity sewer lining and point repairs including CIPP lining of main and lateral sewer lines, cleaning of sewer lines and post construction video inspection.

**Tchoupitoulas Corridor Signage and Striping; New Orleans, LA:** The reinstallation/replacement of deteriorated pavement markings and intersection signage and the replacement of all damaged/missing traffic control signs on Tchoupitoulas Street from Henry Clay Avenue to Melpomene Street.

**New Veterans Administration Medical Center Infrastructure Improvements; New Orleans, LA:** The complete reconstruction of the street pavement including concrete pavement and curb; crushed stone base course, sidewalks, driveways, handicapped ramps and replacement of subsurface utilities. This \$15 million project included the installation of 200 LF of 8" sewer line and 4500 LF of 24" sewer line, and CIPP lining of 1000 LF of 8" sewer pipe.

**Street and Utility Reconstruction Projects for the City of New Orleans:** Reconstruction of concrete & asphalt urban streets in the City of New Orleans. Projects also included intersection improvements, and the rehabilitation or replacement of water, sewer, and drainage utilities.

**Resident Project Representative for Cattle Farm Lift Station and Force Main for the City of Kenner, LA:** 4300 LF of directionally drilled 14" sewer force main and the relocation of the new cattle farm lift station. The lift station included two 6" submersible pumps and associated controls.

**Project Experience with Other Firms:**

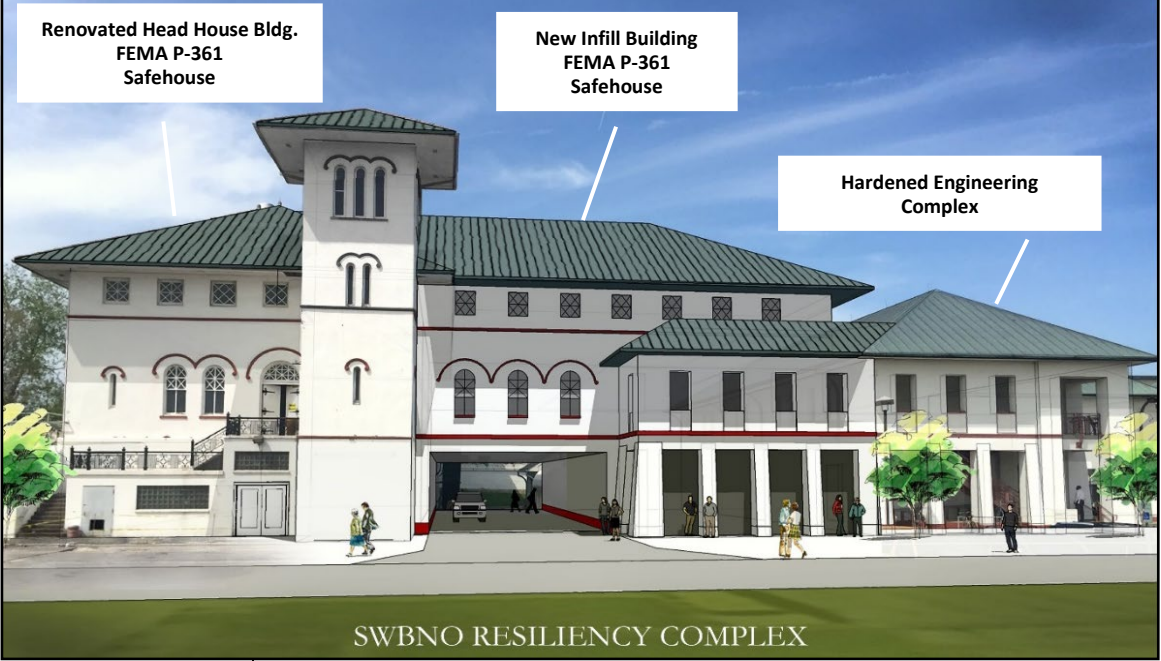
**Thirty years of experience in utilities maintenance and technical support services with the Sewerage and Water Board of New Orleans (1982-2012)**

**In this role, Mr. Mitchell's responsibilities included the following:**

- Managed and developed three (3) service departments with a staff of 123.
- Responsible for contract work order repairs.
- Managed projects from \$20,000 to millions of dollars in construction value.
- Reported directly to the Chief of Networks.
- Managed inspectors' routes and overtime. Regularly monitored contracts to keep costs down.
- Conducted special analyses and cost comparisons and research reports.
- Developed innovative solutions that reduced repair costs.
- Set up check points within a work order to manage bottlenecks and deadlines.
- Managed the testing of local water and sewer lines.
- Managed construction of line and point repairs and replacement of water and sewer lines.
- Closed work orders and conducted final inspections.
- Managed staff to monitor and inspect job sites.
- Monitored production, distribution, data processing, and final reports.


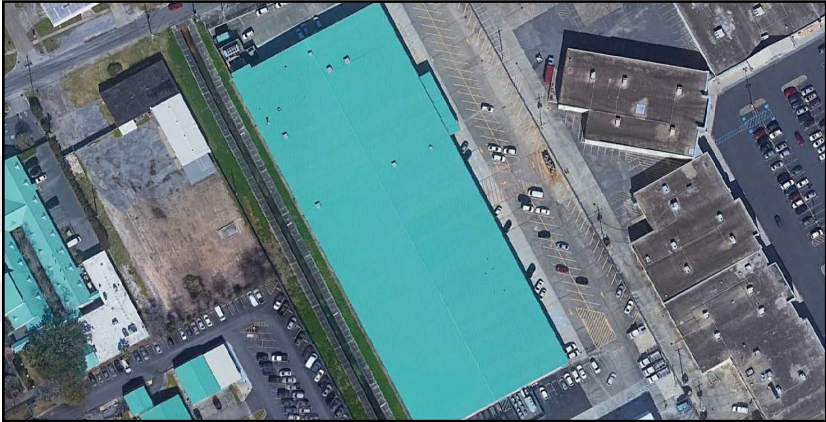
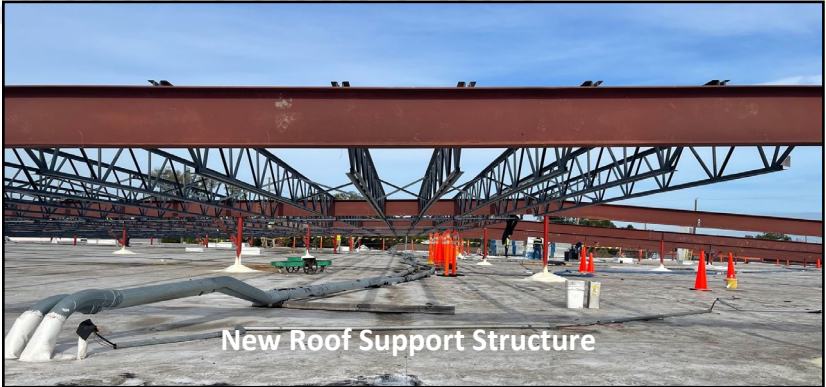
L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

**PROJECT NO. 1**

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>SWBNO Resiliency Complex: Renovations, Additions and New Building Construction; New Orleans, LA</b></p> <p><b>Owner:</b> Sewerage and Water Board of New Orleans 625 St. Joseph Street New Orleans, LA 70165</p> <p><b>Contact:</b> Renee Lapeyrolerie Chief of Staff (504) 865-0650</p> <div data-bbox="103 928 617 1060" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>BFM Corporation and Gulf South Engineering and Testing are working with N-Y on this project.</b></p> </div>	<p>Programming, Evaluation and Design of the Sewerage and Water Board of New Orleans Resiliency Complex which will house the Engineering, Environmental, Emergency Operations and Information Technology Departments.</p> <p>The project includes the following:</p> <ul style="list-style-type: none"> <li>▪ <b>Renovation of the existing 21,500 SF Head House Building for use as a Safe House including structural modifications to meet FEMA P-361 Safe House criteria for wind speeds up to 190 mph.</b> The Head House Building will house equipment, storage, the Environmental Department's offices and lab, training space, and bunk rooms and locker rooms for up to 52 people.</li> <li>▪ <b>A new 20,500 SF "Infill Building" between the existing Head House and Engineering Complex designed to meet FEMA P-361 criteria for wind speeds up to 190 mph.</b> The new 12,150 SF Infill Building will link the entire complex and will house food storage, kitchen and dining areas, the Emergency Operations Center and Information Technology.</li> <li>▪ <b>Hardening of the adjacent Engineering Complex (windows, doors and roof) to meet current IBC wind speeds up to 150 mph.</b> The Engineering Complex's 150 windows and 14 doors will be replaced along with 30,000 gsf of new roofing.</li> </ul>	
<p><b><u>N-Y Personnel:</u></b> M. Buisson, AIA M. Schmidt, Architect C. Bourgeois, Architect T. Lucas, Architect F. Nicoladis, PE M. Nicoladis, EI, MBA J. Simmons, PE S. Fall, PE N. Logan, PE C. Nicoladis, PE F. Mortali, PE D. Voss, NICET</p>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 (Design 90% Complete); Construction On Hold	\$30 million	100%

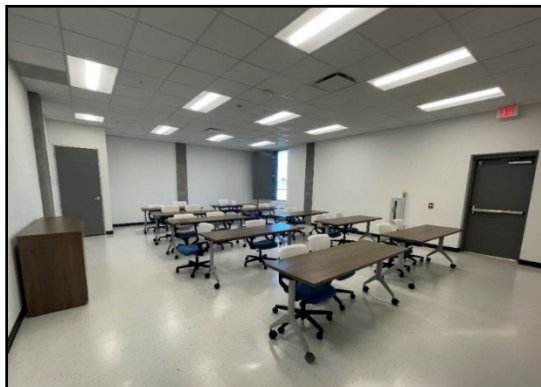




## PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>JPSO: Westbank Warehouse and Firing Range – Renovations, New Roof Structure and Tornado Damage Repairs; Jefferson Parish, LA</b></p> <p><b>Owner:</b> Jefferson Parish Law Enforcement District 1 1233 Westbank Expressway Harvey, LA 70058</p> <p><b>Contact:</b> Sheriff Joseph Lopinto (504) 363-5725</p>  <div data-bbox="94 1339 417 1516" style="border: 1px solid black; padding: 5px;"> <p><b><u>N-Y Personnel:</u></b> M. Buisson, AIA M. Schmidt, Architect M. Nicoladis, EI, MBA</p> </div>	<p>Design, bidding and construction administration at this existing 109,000 SF Sheriff's Office Multipurpose Building housing an Evidence Warehouse, Police Academy, and Indoor Firing Range. Repairs were required when a tornado destroyed more than half of the building's metal roofing and light gauge structure.</p> <p>Because this was the second time this roof and building had been damaged by storms, <b>a stronger steel structure was designed and installed above the old flat deck consisting of tube columns, sloped wide flange beams, steel bar joists, and metal decking, supporting a new standing seam metal roof. This system meets the 150 mph wind design load required by the 2021 International Building Code.</b></p> <p>HVAC systems, interior finishes including floors, walls and suspended acoustical ceilings were replaced and new firing range equipment was installed.</p>   <p style="text-align: center;">New Roof Support Structure</p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
2014	Entire Project: \$7.2 million	Work for which Firm was Responsible: 100%



## PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p><b>Marrero Wastewater Treatment Plant Administration Building and Safe House; Marrero, LA</b></p> <p><b>Owner:</b> Jefferson Parish 1221 Elmwood Park Blvd. Jefferson, LA 70123</p> <p><b>Contact:</b> Mark Drewes, PE Director of Public Works (504) 736-6783</p> 	<p><b>Design, Bidding, Construction Administration and Resident Inspection of the 5,400 SF Marrero Wastewater Treatment Plant Administration and Safe House Building.</b></p> <p><i>2,056 SF of this facility was designed as a Safe Room per FEMA P-361 criteria for wind speeds up to 190 mph to shelter West Bank Sewerage Department personnel during storm events.</i></p> <p>The facility will include:</p> <ul style="list-style-type: none"><li>▪ A Lobby</li><li>▪ 3 Offices</li><li>▪ An Operations Room</li><li>▪ A Lab</li><li>▪ A Training Room with Storage</li><li>▪ A Break Room</li><li>▪ Locker Rooms</li><li>▪ Toilet Rooms</li><li>▪ Electrical Rooms</li><li>▪ Mechanical Rooms</li><li>▪ A Storage Room</li></ul> <div><p><b>IMC Consulting Engineers and BFM Corporation worked with N-Y on this project.</b></p></div>  <div><p><b>This project received the 2021 ACI Low Rise Building Project Award.</b></p></div> 					
<p><b>Completion Date (Actual or Estimated):</b></p> <p><b>2022</b></p>	<p><b>Estimated Cost:</b></p> <table><tr><th>Entire Project:</th><th>Work for which Firm was Responsible:</th></tr><tr><td><b>\$3.2 million</b></td><td><b>100%</b></td></tr></table>		Entire Project:	Work for which Firm was Responsible:	<b>\$3.2 million</b>	<b>100%</b>
Entire Project:	Work for which Firm was Responsible:					
<b>\$3.2 million</b>	<b>100%</b>					


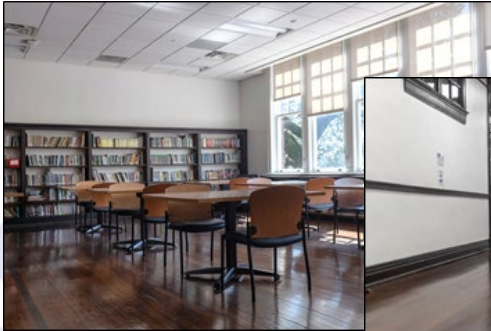

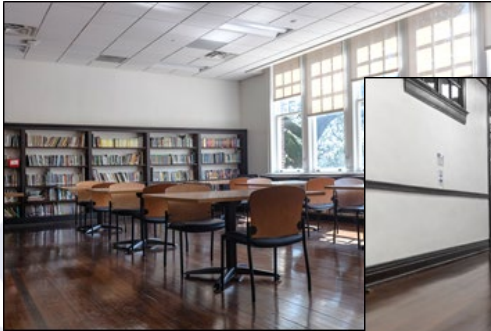



## PROJECT NO. 4




Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>New First District Station for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA</b></p> <p><b>Owner:</b> Jefferson Parish Law Enforcement District 1 1233 Westbank Expressway Harvey, LA 70058</p> <p><b>Contact:</b> Sheriff Joseph Lopinto (504) 363-5725</p>    <p><b>BFM Corporation worked with N-Y on this project.</b></p>	<p>Design for the new two-story Jefferson Parish First District Sheriff's Office on Hessmer Avenue. Located in the heart of Fat City, the design complies with the new Fat City Development Standards developed to reinvigorate the district.</p> <p><b>This 18,500 SF facility includes an exterior plaza, 2 retail lease spaces and a DWI holding area on the 1<sup>st</sup> floor. The 2<sup>nd</sup> floor area includes the sheriff's squadron, offices, restrooms, fitness room, roll call, and interview and evidence rooms.</b> The site has 70 parking spaces (including 5 ADA accessible spaces), new sidewalks and landscaping, a loading area, and a diesel generator allowing the building to be self-sufficient during prolonged power outages.</p> <p>The building has a pile supported concrete foundation with a steel structure. The exterior of the building includes several complimentary finishes including a glass curtainwall system, aluminum composite panels, metals panels and brick veneer. The structure is built to the current International Building Code, Level E, enhanced standards including impact resistant glazed openings and doors to meet the requirements of large missile impact resistance in storms.</p>  <div data-bbox="724 1339 1044 1717"> <p><b><u>N-Y Personnel:</u></b>  M. Buisson, AIA  M. Schmidt, Architect  T. Lucas, Architect  F. Nicoladis, PE  M. Nicoladis, EI, MBA  J. Simmons, PE  C. Nicoladis, PE  F. Mortali, PE  D. Voss, NICET</p> </div> 	
Completion Date (Actual or Estimated):	Estimated Cost:	
2019	Entire Project: \$6 million	Work for which Firm was Responsible: 100%



## PROJECT NO. 5

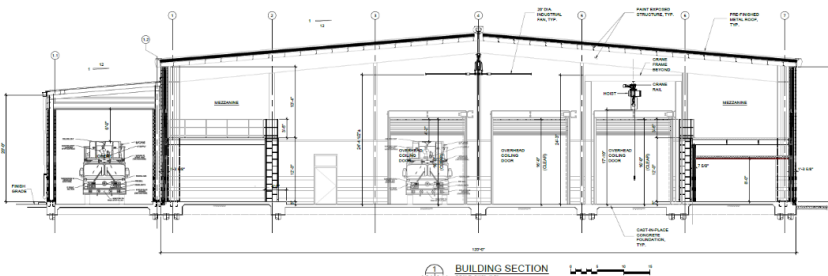
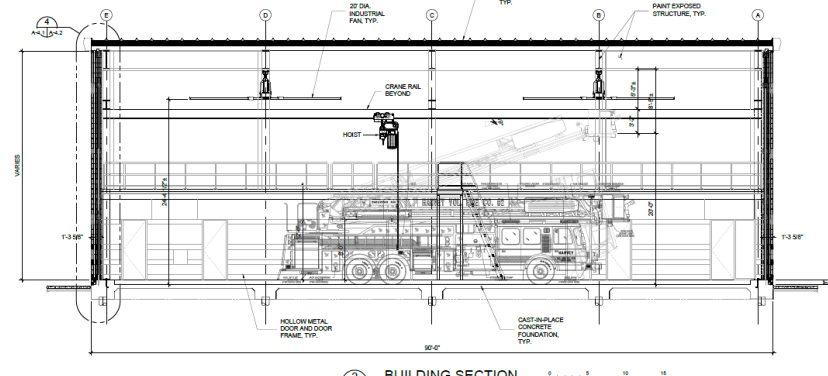
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Recovery School District: Major Renovations and Hurricane Damage Repairs; New Orleans, LA</b></p> <p><b>Owner:</b> Louisiana Department of Education Recovery School District 1201 North Third Street Baton Rouge, LA 70802</p> <p><b>Contact:</b> Pierre Charbonnet Jacobs / CSRS Project Manager (504) 592-0802</p> <div style="display: flex; justify-content: space-around;">    </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b><u>N-Y Personnel:</u></b> M. Buisson, AIA M. Schmidt, Architect M. Nicoladis, EI, MBA</p> </div>	<p><b>A. Benjamin Franklin Elementary School</b> <i>Assessment, Programming, Design, Bidding and Construction Administration for Hurricane Katrina Damage Repairs.</i></p> <ul style="list-style-type: none"> <li>Phase I included window replacement, shear wall repair, mortar tuckpointing, roof repairs and drainage repairs.</li> <li>Phase II included new interior finishes, including wood flooring, plaster, ceiling tiles, painting and lighting to create a modern interior learning environment. New HVAC units were included with electric heat to replace the inefficient and unsafe radiators in the building. A new elevator was also added to this 3-story building for ADA accessibility. Renovations to the surface and benches in the outdoor play area.</li> </ul> <p>This work was constructed in phases while the school was fully occupied. <i>N-Y coordinated the design with and received approval by the Historic District Landmark Commission for this project.</i></p> <div style="display: flex; justify-content: space-around;">   </div> <p><b>B. Lafayette Elementary School</b> Phase I: Design, Bidding and Construction Administration for the replacement of existing windows and doors, and the repair of the masonry in this historic school building. New interior finishes, including flooring, painting, ceiling tiles and new lighting were installed to create a better learning environment for students.</p> <p>Phase II/III: Removal of existing ACM tile and grout on the first and second floors. New lightweight concrete infill was added with new VCT flooring. Asbestos Abatement and replacement of acoustical ceilings on all floors. New interior finishes, including flooring, painting, ceiling tiles and new lighting were installed to create an environment more conducive to learning for all students. Replacement of the chillers, chilled water piping and fan coil units throughout the building. A fully monitored sprinkler system was added to the building to meet current NFPA codes.</p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
<p>A. Phase I: 2018; Phase II: 2020 B. Phase I: 2017; Phase II/III: 2022</p>	<p><b>Entire Project:</b> A. Phase I: \$3.5 million; Phase II: \$5 million; B. Phase I: \$2.6 million; Phase II/III: \$9 million</p>	<p><b>Work for which Firm was Responsible:</b> 100%</p>

## PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Repairs and Renovations to East St. John High School; Reserve, LA</b></p> <p><b>Owner:</b> St. John the Baptist School Board 118 West 10th Street Reserve, LA 70084</p> <p><b>Contact:</b> Clay Slagle Project Manager (318) 294-8700</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b><u>N-Y Personnel:</u></b> M. Buisson, AIA M. Schmidt, Architect M. Nicoladis, EI, MBA</p> </div> 	<p><b>A. Major Renovations / Repairs – Hurricane Ida Damage</b> The renovation/repair of this 178,000 SF High School including: 140,00 SF of new Roofing; Window Replacement; drainage repairs; new Interior Finishes (wood flooring, plaster, ceiling tiles, painting and lighting); ADA accessibility renovations; Baseball Fields and Dugouts; and Gymnasium.</p> <p><b>B. New HVAC for East St. John High School</b> This project includes replacing two air cooled chillers, all chilled water pumps, replacing the outside air units in the East Classroom Building and installing new JACE BACNET system for all school buildings.</p>	
 <p style="text-align: center;"><b>140,000 SF of New Roof</b></p>	 <p style="text-align: center;"><b>140,000 SF of New Roof</b></p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
<p>A. 2023 B. 2025</p>	<p><b>Entire Project:</b> A. \$3 million B. 1 million</p>	<p><b>Work for which Firm was Responsible:</b>  100%</p>



## PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Harvey Volunteer Fire Department Maintenance Building; Harvey, LA</b></p> <p><b>Owner:</b> Jefferson Parish 1221 Elmwood Park Blvd. Jefferson, LA 70123</p> <p><b>Contact:</b> Chief Scott Berthelot Harvey Volunteer Fire Department (504) 364-3767</p> <div data-bbox="128 1440 449 1724" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p><b>N-Y Personnel:</b> M. Buisson, AIA M. Schmidt, Architect M. Nicoladis, EI, MBA C. Nicoladis, PE F. Mortali, PE D. Voss, NICET</p> </div>	<p>Programming and Design of a new 8,000 SF maintenance building located adjacent to the Harvey Volunteer Fire Company No. 2. The structure will be a pre-engineered metal building consisting of three (3) double-ended maintenance bays for fire truck services and repair. Associated support facilities include a waiting area, 2 offices, shower and locker rooms, storage, an engine repair shop, an overhead crane, break room, and mechanical/electrical/IT closet.</p> <p>This project also includes driveways and parking, sidewalks, utilities, landscaping and lighting.</p> <div data-bbox="669 665 1526 758" style="border: 1px solid black; padding: 5px; text-align: center; margin-top: 20px;"> <p><b>IMC Consulting Engineers, BFM Corporation and Gulf South Engineering and Testing are working with N-Y on this project.</b></p> </div> <div data-bbox="664 821 1539 1142" style="text-align: center;">  <p><b>BUILDING SECTION</b> SCALE: 3/16"=1'-0"</p> </div> <div data-bbox="664 1203 1539 1638" style="text-align: center;">  <p><b>BUILDING SECTION</b> SCALE: 3/16"=1'-0"</p> </div>	
<p><b>Completion Date</b> (Actual or Estimated):</p>	<p><b>Estimated Cost:</b></p>	
	<p><b>Entire Project:</b> <b>\$3.5 million</b></p>	<p><b>Work for which Firm was Responsible:</b> <b>100%</b></p>

## PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Fire Station Projects; Jefferson Parish, LA</b></p> <p><b>Owner:</b> Jefferson Parish 1221 Elmwood Park Blvd. Jefferson, LA 70123</p> <p><b>Contact:</b> Mark Drewes, PE Director of Public Works (504) 736-6783</p> 	<p><b>A. Fire Station No. 18</b> Design of a new, two story 11,000 SF Fire Station which will include a 2-bay apparatus room, fire gear locker area, storage area, day room, radio / computer room, kitchen, captain's quarters, dormitory, shower and toilet facilities and mechanical space. Scope of work includes addressing site access and traffic control issues and an appropriate aesthetic for this high-profile location.</p> 	
<p><b>N-Y Personnel:</b> M. Buisson, AIA M. Schmidt, Architect T. Lucas, Architect F. Nicoladis, PE M. Nicoladis, EI, MBA J. Simmons, PE N. Logan, PE C. Nicoladis, PE F. Mortali, PE D. Voss, NICET</p>	<p><b>B. Fire Station No. 14</b> Design and construction administration of a new, two story 7050 SF Fire Station (including 2610 SF of vehicle garage) which includes a 2-bay apparatus room, fire gear locker room, storage area, equipment mezzanine, living area, kitchen, radio/computer room, captain's quarters, dormitory, bath and toilet rooms, and mechanical space.</p> <div data-bbox="737 1591 1549 1688" style="border: 1px solid black; padding: 5px; text-align: center;"> IMC Consulting Engineers, BFM Corporation, and Gulf South Engineering and Testing worked with N-Y on these projects. </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>A. 2026 est. B. 2009</p>	<p>A. \$5 million est. B. \$3 million</p>	<p style="text-align: center;">100%</p>

## PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>East Bank Maintenance and Administration Building for the Department of Streets; Jefferson Parish, LA</b></p> <p><b>Owner:</b> Jefferson Parish 1221 Elmwood Park Blvd. Jefferson, LA 70123</p> <p><b>Contact:</b> Mark Drewes, PE Director of Public Works (504) 736-6783</p>	<p>Design, bidding and construction administration for a new 17,000 SF administration/office building to house the staff of the Department of Streets which also serves as a critical coordination center for post disaster recovery efforts within Jefferson Parish. <b>Jefferson Parish Department of Streets employees rode out Hurricane Isaac in the facility.</b></p> <p>The building includes administrative offices, conference rooms, locker rooms, and a staff assembly area <b>attached to an existing warehouse that was also hardened and renovated.</b> An access control system was seamlessly integrated into what is, at times, a continuously operating facility.</p> <div data-bbox="842 743 1479 840" style="border: 1px solid black; padding: 5px; text-align: center;"> IMC Consulting Engineers and BFM Corporation worked with N-Y on this project. </div>	
 <div data-bbox="126 1394 446 1694" style="border: 1px solid black; padding: 5px;"> <p><b><u>N-Y Personnel:</u></b> M. Schmidt, Architect F. Nicoladis, PE M. Nicoladis, EI, MBA J. Simmons, PE N. Logan, PE C. Nicoladis, PE D. Voss, NICET</p> </div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	\$3.5 million	100%

## PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Multi-Mission Station Building, U.S. Coast Guard Station; Metairie, LA</b></p> <p><b>Owner:</b> U.S. Coast Guard Contracting Division 5505 Robin Hood Rd., Suite K Norfolk, VA 23513</p> <p><b>Contact:</b> Matt Ruckert, Lt. Commander (757) 852-3451</p> <div data-bbox="112 856 586 957" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><b>BFM Corporation worked with N-Y on this project.</b></p> </div> <div data-bbox="95 989 583 1346" data-label="Image"> </div> <div data-bbox="186 1354 487 1386" data-label="Caption"> <p><b>COASTAL RESTORATION</b></p> </div> <div data-bbox="165 1436 431 1627" data-label="Text" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><b>N-Y Personnel:</b> J. Simmons, PE F. Nicoladis, PE M. Nicoladis, EI, MBA C. Nicoladis, PE D. Voss, NICET</p> </div>	<p><b>Design, bidding, and construction administration for a new \$10.5 million, 23,000 SF building including a control center, a communications center, administrative offices, classrooms, a conference room, several berthing rooms, a physical fitness area, galley, dining area, and maintenance shop.</b></p> <p>Construction of the project required dredging of the Bucktown Harbor channel and marina to a depth of EL -8 NGVD. The dredged spoils were used to create a mitigation area consisting of a man-made marsh and a 1450 LF rock dike.</p> <p>The project included the installation of water, gas, and sewage force main lines, and the design of a 1,000 ft. asphaltic concrete access roadway over the existing levee, as well as elevating the roadway 2.5 feet higher than current grade to accommodate a future increase in levee height.</p> <p>The project also included 715 ft. of concrete sheetpile bulkhead tied back with anchor piles and a docking facility which includes three boat slips, one covered mooring, and a fueling facility.</p> <div data-bbox="708 976 1520 1100" data-label="Text" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><b>This facility is located on the unprotected lake side of the hurricane protection levee and sustained no significant storm surge or wind damage during Hurricane Katrina.</b></p> </div> <div data-bbox="672 1409 1256 1755" data-label="Image"> </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2001	\$10.5 million	100%



M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.		
Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
N-Y has no on-going legal proceedings with Jefferson Parish.		
N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.		
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p style="text-align: center;"><b>SECTION N. TABLE OF CONTENTS</b></p> <p><b>I. MINIMUM QUALIFICATIONS</b></p> <p><b>II. EVALUATION CRITERIA</b></p> <p>1. Professional Training and Experience</p> <p>2. Size of Firm</p> <p>3. Capacity for Timely Completion</p> <p>4. Past Performance</p> <p>5. Location of the Principal Office</p> <p>6. Adversarial Legal Proceedings</p> <p>7. Prior Successful Completion of Projects</p> <p><b>III. QUALITY ASSURANCE PROGRAM</b></p> <p><b>IV. THE N-Y ADVANTAGE</b></p> </div> <div style="width: 48%;"> <p style="text-align: center;"><b>II. EVALUATION CRITERIA</b></p> <p style="text-align: center;"><b>1. Professional Training and Experience</b></p> <p>N-Y is a fifty-five (55) year-old, multi-discipline firm founded and headquartered in Jefferson Parish. Offering extensive local experience, N-Y has been providing architecture, engineering, planning and project management services to federal, state, regional, parish and city agencies throughout southern Louisiana since 1969. Our staff includes architects; civil, hydraulic and structural engineers; program and project managers; urban planners; construction inspectors and technical support personnel, each of whom offers extensive relevant experience in architectural and engineering projects throughout the Parish.</p> <p>N-Y has been working throughout Jefferson Parish since its inception. Our clients have included the Parish, the Jefferson Parish School Board, the Jefferson Parish Sheriff's Office, the City of Kenner, LADOTD, and the Regional Planning Commission. This longevity of experience has provided N-Y's architects and engineers with extensive knowledge of the design criteria, system of approvals, and construction methods typical to the types of projects anticipated from this RFQ.</p> <p>➤ <b>Team:</b></p> <p>N-Y has a team of highly qualified personnel, who have the experience to seamlessly provide the required professional services for Jefferson Parish.</p> <ul style="list-style-type: none"> <li>Mr. Michael G. Buisson, AIA, NCARB, LEED AP, a Vice President and N-Y's Director of Architecture, will serve as N-Y's Project Manager for Architectural Services. He has 33 years of experience managing projects from Programming and Schematics through Construction Documents, Bidding, Negotiating, and Construction Administration.</li> <li><i>Mr. Buisson and his key staff have extensive recent experience in major building renovations – including all of the anticipated items in the Rheem Facility Renovation – for the Jefferson Parish Sheriff's Office, the Jefferson Parish School Board, and the St. John the Baptist, Lafourche, Plaquemines and Orleans Parish / Recovery School District School Boards.</i></li> </ul> </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p style="text-align: center;"><b>I. MINIMUM QUALIFICATIONS</b></p> <p>1. One Principal who is a licensed, registered architect or a professional engineer in the State of Louisiana:</p> <ul style="list-style-type: none"> <li>Constantine Nicoladis, PE LA PE No. 27095 – 37 Years of Experience</li> <li>Frank Nicoladis, PE LA PE No. 5924 – 67 Years of Experience</li> </ul> <p>2. A Professional in Charge of the project who is a licensed, registered architect in the State of Louisiana with a minimum of five (5) years experience:</p> <ul style="list-style-type: none"> <li>Michael G. Buisson, AIA, NCARB, LEED AP LA Architect No. 4617 – 33 Years of Experience</li> </ul> <p>3. One Employee who is a licensed, registered architect or professional engineer in the State of Louisiana in the applicable disciplines involved:</p> <ul style="list-style-type: none"> <li>Michael Schmidt, Architect LA Architect No. 4109 – 43 Years of Experience</li> <li>Christian Bourgeois, Architect LA Architect No. 7024 – 25 Years of Experience</li> <li>James Simmons, PE LA PE No. 19891 – 47 Years of Experience</li> <li>Fred Mortali, PE LA PE No. 35111 – 31 Years of Experience</li> </ul> </div> <div style="width: 48%;"></div> </div>		

Mr. Buisson will be supported by a team of senior professionals with over twenty (20) years average experience including Michael Schmidt, Architect; Christian Bourgeois, Architect; Tracy Lucas, NCARB, Architect; Constantine Nicoladis, PE; James E. Simmons, PE; Fred Mortali, PE; William Haensel, PE, PLS; Neil Logan, PE; Steven Fall, PE; Patricia Claverie, EI, MS; Dennis Voss, NICET; and Noah Jackson, CADD.

To supplement our in-house staff, we will utilize the following subconsultant firms, each of which has extensive experience working with N-Y in Jefferson Parish.

- IMC Consulting Engineers, Inc. will provide Mechanical/HVAC, Electrical and Plumbing Engineering.
- BFM Corporation, LLC will provide Topographic Surveying.
- Gulf South Engineering and Testing, Inc. will provide Geotechnical Engineering.

## 2. Size of Firm

N-Y's staff of professional and support personnel are capable of performing the architectural and engineering tasks anticipated from this contract. N-Y has the capacity to effectively perform this work with its existing staff and meet the schedule set by the Parish.

## 3. Capacity for Timely Completion

The N-Y Team has the capacity of personnel, computer software and equipment to provide the tasks required by this contract in a timely, efficient and cost effective manner. This contract will be staffed by personnel with the technical expertise, resources, and capacity to effectively fulfill the needs of this project. The depth of our team's staffs will ensure that the project will progress even with normal loss of staff time due to absences.

## 4. Past Performance

### ➤ Cost

N-Y has earned a reputation for consistently designing projects whose construction costs are within budget requirements. This record of successful construction cost control is maintained by an aggressive in-house program of monitoring each project during the concept, preliminary, & final design phase as well as during the construction phase.

The N-Y staff has considerable experience in the analysis and review of cost projections so that cost control is coordinated, and effective as evidenced by most of our recent projects where the actual bid by the general contractor has been within a few percentage points of N-Y's estimate and the owner's programmed budget.

Our goal is to be *pro-active* to avoid and mitigate unforeseen conflicts and to address potential problems before they occur. As a result, disputes and change orders can be minimized and projects can be completed on time and within budget.

To demonstrate N-Y's experience with cost estimating and cost control, provided below are examples of N-Y's construction estimates compared to the actual low bid.

- *Benjamin Franklin Elementary School, Phase I*  
N-Y's Cost Estimate: \$2,042,000  
Actual Low Bid: \$1,980,000
- *Andrew Jackson Elementary School Renovation*  
N-Y's Cost Estimate: \$2,517,945.00  
Actual Low Bid: \$2,480,000.00
- *Henry Allen Elementary School Renovation*  
N-Y's Cost Estimate: \$1,832,019.00  
Actual Low Bid: \$1,625,000.00
- *Henry C. Shaumburg Elementary School Renovation*  
N-Y's Cost Estimate: \$291,939.00  
Actual Low Bid: \$273,000.00
- *Sylvanie F. Williams Elementary School Renovation*  
N-Y's Cost Estimate: \$1,190,625.00  
Actual Low Bid: \$1,145,000.00
- *East St. John High School Renovation*  
N-Y's Cost Estimate: \$2,400,000  
Actual Low Bid: \$2,272,830.00
- *Central & South Lafourche High Schools Renovations*  
N-Y's Cost Estimate: \$2,400,000  
Actual Low Bid: \$2,465,000.00
- *Plaquemines Parish School Board Office Renovation*  
N-Y's Cost Estimate: \$900,000.00  
Actual Low Bid: \$829,000.00

### ➤ Quality of Work

The quality of our services in the area of planning, design, and construction administration services has been consistently commended by our clients, including projects for the federal government and Jefferson Parish. Most of the firm's clients are repeat clients. N-Y has been working with many clients since it was established 55 years ago.

### ➤ Compliance with Performance Schedules

N-Y maintains schedule control by established written deadlines among all disciplines (both in-house and subconsultants). We aggressively monitor this schedule on a weekly basis. If necessary, adjustments to project staffing and work schedules are made to ensure the satisfaction of the client is met.

As a result, N-Y has an established performance record of successfully completing design and/or construction phase services, including the coordination of outside consultants, in accordance with schedules which have been approved by our clients. Recent examples include:

- **Jefferson Parish:** N-Y has been providing architecture & engineering services in Jefferson Parish continuously for over fifty (50) years and has consistently met its deadlines.
- **Louisiana, Department of Education Recovery School District and Orleans Parish School Board Projects:** These projects have stringent, tightly managed interim and final design deadlines and liquidated damages for late submittals. N-Y has met all applicable interim and final submittal deadlines on its ten (10) projects. ***N-Y received a letter of recommendation from Jacobs/CSRS, Program Manager for the Louisiana Department of Education, Recovery School District projects, attesting to the quality of services provided by N-Y.***
  - **Andrew Jackson Elementary School Renovation:** N-Y delivered the Program Completion and 100% Design Phase services for this project in the 91 days mandated by the contract - despite an increase in scope and estimated construction cost from the original Owner's estimate. Owner initiated scope changes included repairing historic windows and doors (rather than replacing them) as well as testing for and removal of lead-based paint from the historic windows and doors and other hazardous materials in the building. The Architect also provided measured floor and roof plans. **All additional services were provided within the original contract schedule requirements.**
  - **Henry Allen Elementary School Renovation:** N-Y delivered the Program Completion and 100% Design Phase services for this project in the 121 days mandated by the contract. Owner initiated scope changes included repairing historic windows and doors (rather than replacing them) as well as testing for and removal of lead-based paint from the historic windows and doors. Because direction to test and design for the removal of lead-based paint was given so late in the design schedule, a 30-day time extension was granted.
- **JPSO Westbank Warehouse and Firing Range:** Design, bidding and construction administration at this Sheriff's Office Multipurpose Building housing an Evidence Warehouse, Police Academy, and Indoor Firing Range after a tornado tore off half the 109,000 SF metal roofing and light gauge structure. Because this was the

second time this roof and building had been damaged in storms, a stronger steel structure was designed and installed above the old flat deck consisting of tube columns, sloped wide flange beams, steel bar joists, and metal decking, supporting a new standing seam metal roof. **The facility was integral to the JPSO's daily operations and had to be designed on a fast-track. N-Y worked with JPSO to have a temporary roof installed to allow the academy and warehouse to reopen while plans for the new roof were completed within 60 days. The firing range was designed as Phase 1 of the project, and the roofing in this area was completed within 3 months of the storm. The project was completed in 6 months total.**

N-Y has not had any significant problems with time delays or cost overruns, except in the case of owner-requested and/or owner-approved changes to the original scope of work. **Ninety-five percent (95%) of our work is for government agencies.**

#### ➤ Public Contracts

N-Y has an excellent professional reputation with all of its clients in the south Louisiana area. The firm has provided services to virtually every public agency in the metropolitan area as well as various State and Federal agencies.

#### Regional Clients:

- Jefferson Parish, Department of Public Works
- Jefferson Parish, Department of Capital Projects
- Jefferson Parish Sheriff's Office
- Jefferson Parish School Board
- Southeast Louisiana Flood Protection – West
- Flood Protection Authority – East
- City of Kenner
- St. Bernard Parish Government
- St. Bernard Port, Harbor and Terminal District
- St. Bernard Parish School Board
- St. Tammany Parish Government
- St. Tammany Parish School Board
- City of Slidell
- Plaquemines Parish Government
- Plaquemines School Board
- City of New Orleans, Capital Projects Administration
- City of New Orleans, Department of Public Works
- Orleans Parish School Board / Recovery School District
- Sewerage and Water Board of New Orleans
- New Orleans Aviation Board
- Housing Authority of New Orleans
- Port of New Orleans
- Port of South Louisiana
- St. Mary Parish Library Board
- St. Charles Parish Library Board
- St. Charles Parish, Department of Public Works

- St. Charles Parish Library Board
- St. John the Baptist Parish
- St. John the Baptist Parish Dept. of Public Works
- St. John the Baptist Parish School Board
- Lafourche Parish School District

#### **State Clients:**

- LA Department of Transportation and Development
- Division of Administration, Facility Planning & Control
- LA Department of Education, Recovery School District

#### **Federal Clients:**

- United States Army Corps of Engineers
- United States Department of Labor
- United States Coast Guard
- Naval Support Activity, New Orleans Division
- Naval Facilities Engineering Command
- United States Postal Service
- United States Fish and Wildlife Service
- United States Department of Veterans Affairs

### **5. Location of The Principal Office**

All of N-Y's work will be performed from our local office in Jefferson Parish at 2750 Lake Villa Drive, Metairie, LA 70002.

### **6. Adversarial Legal Proceedings**

N-Y has no on-going legal proceedings with Jefferson Parish.

### **7. Prior Successful Completion of Projects**

N-Y has an excellent track record of successful completion of projects. Provided after this TEC Questionnaire are letters of recommendation and evaluation attesting to the exceptional professional services recently provided by N-Y on architectural projects including:

- Letters of Recommendation from the Jefferson Parish Sheriff's Office for N-Y's work on multiple projects.
- Letter of Recommendation from Jacobs/CSRS, Program Manager for the Dept. of Education, Recovery School District for N-Y's work on multiple Recovery School District Schools.
- "Outstanding" Evaluation from the Sewerage and Water Board of New Orleans for N-Y's work on the Resiliency Complex.

### **III. QUALITY CONTROL/ASSURANCE PROGRAM**

N-Y considers quality control/assurance and technical review a critical component of our client service philosophy. N-Y's repeated selection by government agencies and private sector clients attests to the quality & consistency of our work. **N-Y has established a Quality Control/Assurance Plan which is customized to meet the individual client's needs and is overseen by the Principal and Project Manager.**

We recognize that a Quality Control/Assurance Plan is only effective if a project is staffed by experienced, responsible and motivated professionals. N-Y's Quality Control/Assurance Plan includes carefully organizing the project team with the Project Manager as team leader and communicating effectively with all persons involved in the design and review processes.

- During the initial phase of the Quality Control/Assurance process, each team member is provided with a copy of the Scope of Work to become familiar with the job and formulate any questions or concerns that they may have. Next, the team gathers for a thorough review of the supplied Scope of Work. During this review process, the team collaborates to achieve a clear understanding of the Scope of Work in its entirety. This process takes place as an open forum in which members ask questions that they may have for clarification, with each member being able to contribute their own expertise. Questions that are unable to be answered collectively as a team are documented and compiled into a list for discussion with the Owner. This meeting clarifies and/or resolves any outstanding issues upfront.
- Next, we address the assurance of compliance with any government technical manuals or documents that govern or control design activities that will be performed. A review of each of these documents is carried out, ensuring that each is the most current version. Each element of work to be performed is reviewed for compliance with these documents.
- Project timelines are created to adequately assess each phase of the project. Each phase contains key milestones, as well as completion schedules to confirm that due dates are adhered to. By utilizing these project timelines, Quality Control/Assurance issues are resolved in an efficient and timely manner and not allowed to continue into subsequent phases of the project.



- At the start of the design process, the applicable disciplines and quality assurance reviews are planned. Manhours specifically dedicated to quality assurance reviews are allocated to the project budget. Adequate time is budgeted in the project schedule for the review process and any modifications that may be required. The Quality Control/Assurance Plan is reviewed and approved by the Project Manager. The work product and submittal items of all disciplines are then reviewed prior to each submittal by Independent Technical Reviewers (ITR) in each discipline who are not directly involved with the project. The Project Manager also checks and reviews final work products prior to submittals to the client.
- The Principal and the Project Manager receive management information system reports of project progress. Regularly scheduled staff meetings are held, in which projects are reviewed for conformance with predetermined completion schedules. If required, schedules and staffing are promptly adjusted to ensure deadlines are met without any sacrifice in quality.

*This multi-level system of quality assurance checks and balances, including detailed reviews by Independent Technical Reviewers, submittal review by the Project Manager, and program monitoring and implementation by the Principal, is the core of N-Y's Quality Control/Assurance Plan.*

N-Y's Quality Control/Assurance Plan also extends to each of our subconsultant firms. We insist not only that the leaders of each discipline become involved in the planning and design process, but also the principals of each firm. N-Y's Quality Control/Assurance Plan will be implemented in parallel with its sub-consultants', incorporating the best attributes of each, to ensure a seamless division of responsibility between the firms.

N-Y maintains, as always, its goal of adherence to client's schedules and budgets. We are constantly striving to improve our Quality Control/Assurance Plan to deliver the highest quality plans and specifications possible and to minimize changes to construction contracts.

#### IV. THE N-Y ADVANTAGE

N-Y Associates, Inc. is dedicated to providing high-quality, timely, and cost-effective professional services, strongly believing in a management system that recognizes its client's needs. N-Y strives to ensure an excellent working relationship is established with each of its clients by:

- Personally assisting the client from the very early planning stages of the project to the completion of construction;
- Having principals become personally involved in keeping the lines of communication open with the client;
- Assigning experienced project managers who offer innovative and proven solutions to meet the client's needs;
- Making every effort to ensure our resources are efficiently utilized to meet a project's schedule and adhere to a project's budget;
- Managing, Designing and/or Constructing projects that meet or exceed the client's expectations in functionality, low-maintenance, quality, and longevity.

**O. To the best of my knowledge, the foregoing is an accurate statement of facts.**

Signature: \_\_\_\_\_

Print Name: Michael F. Nicoladis

Title: President

Date: 09/12/2024

## N-Y ASSOCIATES, INC. LICENSES



The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:	Public Address:
<b>N-Y Associates, Inc.</b>	Mr. Michael Nicoladis 2750 Lake Villa Drive, Suite 100 Metairie, Louisiana 70002-6797

### License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0000585	Active	09/26/1984	09/30/2025	Mr. Frank Nicoladis # PE.0005924; Mr. Constantine Frank Nicoladis #PE.0027095



# Jefferson Parish Sheriff's Office



August 12, 2024

To Whom it May Concern,

I am Craig J. Cimo II, General Services Commander for the Jefferson Parish Sheriff's Office. My division manages all building maintenance, repairs, renovations and construction for the Sheriff's Office.

I have utilized N-Y Associates to design and manage several projects for the Jefferson Parish Sheriff's Office. The design, plans and specifications were done very efficiently and comprehensively which resulted in a smooth process from the public bid through the completion of the projects.

Currently, we are utilizing N-Y Associates for the Jefferson Parish Sheriff's Office Tornado Repair Project. Following the tornado and subsequent required remediation to our 100,000 SF Building, we engaged N-Y to Engineer, Design and Plan the extensive repairs needed to place this critical building back into use as quickly as possible. This was a very complex project, requiring extensive Structural, Mechanical and Electrical Engineering, as well as, Architectural Design due to the severe damage to the building. N-Y Associates response was swift and efficient. They provided a complete set of Plans and Specifications in record time. We had very minimal time for plan review, before going to bid, due to the need to place the building back into use. Once awarded, the project proceeded on schedule with very minimal Change Orders resulting from the Plans and Specifications. All Requests for Information and the few changes were handled efficiently and effectively. The project is now Substantially Complete.

Jefferson Parish Sheriff's Office is currently utilizing N-Y Associates on a new project and I would recommend N-Y Associates based on their past and current performance and professionalism.

Sincerely,

  
Craig J. Cimo II  
504-940-8199



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# JOSEPH P. LOPINTO, III

## SHERIFF

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November 20, 2018

To Whom It May Concern:

Jefferson Parish Sheriff's Office is currently building our new First District Station, which is approximately 80% complete. The project is an 18,448 square foot, two story facility with the District Station Offices and District Fitness Gym on the second level and future retail space on the first level.

N-Y Associates' Team, with Michael G. Buisson, Jr. as lead architect / designer worked with the Jefferson Parish Sheriff's Office from project inception, through plan development, the bid process and currently the construction phase to ensure project completion as per plans and specifications. N-Y Associates have remained vigilant on all fronts, with the Sheriff's Office interest first and foremost at all times. N-Y Associates Team members are always available, responding quickly and accurately to all project related questions and developments.

Jefferson Parish Sheriff's Office recommends N-Y Associates without reservation and looks forward to utilizing their expertise on future projects.

Sincerely,

*Joseph P. Lopinto*  
EXECUTIVE LEGAL COUNSEL

# Louisiana Department of Education

## Section I. RATING

Using the Rating Scale provided below, rate the following numbered items by circling the appropriate number for each item:

Rating Scale Category	Score
Poor or Inadequate Performance	0
Below Average	1 – 3
Average	4 – 6
Above Average	7 -9
Excellent	10

Circle **ONE** number for each of the following numbered items:

1. Rate the overall quality of the vendor's services:

**10** 9 8 7 6 5 4 3 2 1 0

2. Rate the response time of this vendor:

**10** 9 8 7 6 5 4 3 2 1 0

3. Rate how well the agreed upon, planned schedule was consistently met and deliverables provided on time.

*(This pertains to delays under the control of the vendor):*

**10** 9 8 7 6 5 4 3 2 1 0

4. Rate the overall customer service and timeliness in responding to customer service inquiries, issues and resolutions:

**10** 9 8 7 6 5 4 3 2 1 0

5. Rate the knowledge of the vendor's assigned staff and their ability to accomplish duties as contracted:

**10** 9 8 7 6 5 4 3 2 1 0

6. Rate the accuracy and timeliness of the vendor's billing and/or invoices:

**10** 9 8 7 6 5 4 3 2 1 0

7. Rate the vendor's ability to quickly and thoroughly resolve a problem related to the services provided:

**10** 9 8 7 6 5 4 3 2 1 0

8. Rate the vendor's flexibility in meeting business requirements:

**10** 9 8 7 6 5 4 3 2 1 0

9. Rate the likelihood of your company/organization recommending this vendor to others in the

future:

10

9

8

7

6

5

4

3

2

1

0

## Section II. GENERAL INFORMATION

1. Please include a brief description of the services provided by this vendor:

Project design, deliver product on time, manage all subconsultants related to the project, complete and deliver the project on time

2. During what time period did the vendor provide these services for your business? Month:

Year: 2015 to Month: June Year: 2022

## Section III. ACKNOWLEDGEMENT

I affirm to the best of my knowledge that the information I have provided is true, correct, and factual:

Pierre Charbonnet

Signature of Reference

Project Manager

Title

Pierre Charbonnet

Print Name

504-915-2830

Phone Number

PIERRE.CHARBONNET@JACOBSERS.COM

Email Address

5/18/22

Date



# JACOBS/cs s

PROGRAM MANAGEMENT

909 Poydras Street.  
Suite 1200  
New Orleans, LA 70112  
(504) 592-0140 Main Office  
(504) 592-0185 Fax

November 26, 2018

N-Y Associates, Inc.  
Engineers-Architects-Planners  
Program and project Managers  
2750 Lake Villa Drive  
Metairie, La. 70002

Subject: Letter of Recommendation

To whom it may concern:

This letter of recommendation is for the N-Y Associates team of Architects, Engineers and Managers, whom I had the pleasure of working with on several New Orleans Public School projects. The staff is professional, knowledgeable, experienced, and always on time with meeting schedules and deadlines. Their design ideas are second to none with knowledge of city, state and The Louisiana Department of Education's requirements for schools.

The N-Y Associates team is the firm I would use for any future design, engineering and management needs, for any size project.

Sincerely,



Pierre Charbonnet

Project Manager

Jacobs/CSRS Program Managers

909 Poydras Street. New Orleans, La. 70112

**VENDOR PERFORMANCE EVALUATION  
PROFESSIONAL SERVICES AND  
CONSTRUCTION**

1. Use this form to report vendor performance (positive or negative) for rendering of Professional services and construction.
2. The person designated for accepting services is responsible for filling out this form (type or print). Only page 1 is required, if page 2 is not used. However, if any area on page 1 is marked "unsatisfactory", page 2 must also be filled out and submitted with page 1 (see page 2, Explanations/Comments, when marking "unsatisfactory"). Page 2 is NOT restricted to "unsatisfactory" comments. If you have something good you want on record, use page 2. Attach documents, if applicable.
3. SWBNO Contracts: at a minimum this form MUST be completed and submitted not later than 2 weeks after completion/expiration of a SWBNO contract for professional services or construction. Past performance is considered on future contracts.
4. Send **SIGNED** form to: Office of Procurement 625 St. Joseph Street, New Orleans, LA. 70112  
**Attn: Director of Procurement**

VENDOR INFORMATION	COMPLETE ALL APPLICABLE INFORMATION
Company/ Vendor: <b>N-Y ASSOCIATES, INC.</b>	Contract Number No: Description/ Title: <b>H0952 XX</b>
Mailing Address: <b>2750 LAKEVILLA DRIVE</b>	Contract Term (Dates) To: <b>08/2016</b> From: <b>01/2019</b>
City, St, Zip Code: <b>METairie, LA 70002</b>	Purchase Order Number: <b>ACCENT PV :: 159297</b>
Representative Evaluated: <b>ARCHITECTS &amp; ENGINEERS</b>	Task Order Number: <b>N/A</b>
Telephone Number: <b>504 885-0500</b>	Other Reference: <b>N/A</b>
FaxNumber: <b>504-885-0595</b>	


**DEFINITIONS**

- OUTSTANDING** – Vendor considerably exceeded minimum contractual requirements or performance expectations of the products/services; The vendor demonstrated the highest level of quality workmanship/professionalism in execution of contract.
- EXCELLENT (Exc)** - Vendor exceeded minimum contractual requirements or performance expectations of the products/services.
- SATISFACTORY (Sat)** - Vendor met minimum contractual requirements or performance expectations of the products/services.
- UNSATISFACTORY** - Vendor did NOT meet the minimum contractual requirements or performance expectations of the products and/or services; Performed below minimum requirements (see page 2, Explanations/Comments)

**EVALUATIONS: (Place "X" in appropriate box for each major area.)**

Criteria (includes change orders/amendments)	Out-standing	Exc	Sat	Un-Sat	Not Apply
1. Supplies delivered/Work performed on schedule.	X				
2. Condition of delivered supplies (includes handling/packaging). <b>BOARDS</b>	X				
3. Quality of deliveries/work performance.	X				
4. Adherence to specifications/statement of work.	X				
5. Resolved problems/customer complaints timely. <b>REDIGNS</b>	X				
6. Working relationship/interfaces with staff/public sector (citizens) <b>SUPD</b>	X				
7. Service Call (On-Call) response time. <b>SERVICE GATE &amp; FILTER GALLERY</b>	X				
8. Other (specify):					
9. Overall evaluation of compliance with contract requirements.	X				
	Yes	No	N/A		
10. Compliance with DBE participation and reporting	X				
11. Compliance with Local Hire/Living Wage participation and reporting	X				

**EVALUATED BY**

Signature: 	Date of Evaluation: <b>11/16/18</b>
Print Name: <b>RYAN BATTAGLIA, P.E.</b>	Department/Division: <b>CIVIL ENGINEERING</b>
Title: <b>SENIOR ENGINEER</b>	Telephone No: <b>504 865-0454</b>



Sewerage & Water Board of New Orleans		VENDOR PERFORMANCE EVALUATION PROFESSIONAL SERVICES AND CONSTRUCTION		Page 2
Company/ Vendor Name: N-Y ASSOCIATES, INC		Contract Number (8154) and/or Other Reference: H0952xx (8157)		
Contract Ref No.	EXPLANATIONS/COMMENTS			
	1. Do not submit page 2 without page 1. 2. Be specific (include paragraph and page numbers referenced in the applicable contract, purchase order, etc.). Continue on separate sheet (enter company name and contract number or other reference)			
	N-Y ASSOCIATES, INC ENGINEERING AND ARCHITECTURAL SERVICES WERE TAKEN WITH DESIGNING A FEMA P-361 SAFE HOUSE AT THE CARROLLTON WATER PLANT. THE DESIGN INCLUDED A NEW BUILDING AND RETROFITTING EXISTING BUILDINGS TO CURRENT CODES. N-Y WORKED WITH SWANO GRANT MANAGERS AND WAS INSTRUMENTAL IN NAVIGATING FUNDING REQUIREMENTS WITH CONSER. THEY COORDINATED SCHEDULES AND LOGISTICS WITH SEVERAL CONSULTANTS ON NEIGHBORING PROJECTS. N-Y WAS ALSO FLEXIBLE WITH SWANO'S SCHEDULE REQUESTS AND FLUCTUATING SCOPE. I WOULD RECOMMEND USING BOTH N-Y'S ARCHITECTURAL & ENGINEERING SERVICES.			
Ref No.	ACTION TAKEN BY VENDOR (reply below or submit separate correspondence)			
NAME/TITLE OF VENDOR REPRESENTATIVE		SIGNATURE		DATE
FOR PROCUREMENT SERVICES OFFICE USE ONLY				
" " findings have been determined as VALID ( ) NOT VALID ( ). Reasons:				
Signature:		Date:		
Name/Title:		Telephone No:		



# **C. IMC CONSULTING ENGINEERS, INC.**

**Subconsultant: Mechanical, Electrical and Plumbing  
Engineering**

- **TEC Professional Services Questionnaire**

**IMC**  

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**CONSULTING ENGINEERS**  

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**INC.**

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

**B. Firm Name & Address:**

**C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.**

**E. Please provide the number of employees whose primary function corresponds with each category:**

<input type="checkbox"/> Administrative	<input type="checkbox"/> Estimators	<input type="checkbox"/> Specification Writers
<input type="checkbox"/> Architects (Licensed)	<input type="checkbox"/> Geologists	<input type="checkbox"/> Structural Engineers
<input type="checkbox"/> Chemical Engineers	<input type="checkbox"/> Geotechnical Engineers	<input type="checkbox"/> Graduate Engineers
<input type="checkbox"/> Civil Engineers	<input type="checkbox"/> Interior Designers	<input type="checkbox"/> Project Managers
<input type="checkbox"/> Construction Inspectors	<input type="checkbox"/> Landscape Architects	<input type="checkbox"/> Clerical
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Land Surveyor	<input type="checkbox"/> Grant/Funding Specialist
<input type="checkbox"/> Electrical Engineers	<input type="checkbox"/> Mechanical Engineers	<input type="checkbox"/> Sanitary Engineers
<input type="checkbox"/> Engineer Intern	<input type="checkbox"/> Environmental Engineers	
<input type="checkbox"/> Professional Land Surveyors	<input type="checkbox"/> CAD Operators	<b>18 TOTAL</b>

\*All of our Engineers are Specification Writers.

**F. Is this submittal by a JOINT-VENTURE? Please check: YES NO**

**If marked "No" skip to Section I. If marked "yes" complete Sections G-H.**

## TEC Professional Services Questionnaire

**G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.**

1.

2.

**H. Has this JOINT-VENTURE previously worked together? Please check:**     N/A  
 YES                NO

**I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.**

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1.		
2.		
3.		

**J. Please specify the total number of support personnel that may assist in the completion of this Project:**

\_\_\_\_\_



## TEC Professional Services Questionnaire

**K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.**

### **PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

**Project Assignment:**

**Name of Firm with which associated:**

**Years' experience with this Firm:**

**Education: Degree(s)/Year/Specialization:**

**Active registration: Year first registered/discipline:**

**Other experience and qualifications relevant to the proposed Project:**

***Other Experience and Qualifications Relevant to the Proposed Project (continued)***

**Harvey Volunteer Fire Dept. – Vehicle Maintenance Building**

Designed and specified all electrical associated with the construction of a new 11,000 square-foot Vehicle Maintenance building and 6,000 square-foot covered storage building, as well as site lighting for approximately 50,000 square-feet of paved parking, for the Harvey Fire Department. Lighting controls included IECC 2021-compliant, wireless, addressable controls for pole-mounted and exterior, building-mounted light fixtures, as well as fixtures in the vehicle service bays. Design included full standby generator backup with provisions for connecting a load bank for testing or another portable generator, should the on-site generator fail. Power design included receptacle pedestals in each bay for powering small power tools and connection to the firetruck battery chargers. Rough-ins for security system (video surveillance and access control) were also included in the design.

**Jefferson Parish Department of General Services - Yenni Building Conversion to EOC**

Designed and specified electrical systems associated with the conversion of the 10-story office building to an Emergency Operations Center for Jefferson Parish. Electrical design consisted of full standby generator power for the building, which was accomplished via paralleled 1000 kW diesel generators sets mounted on an elevated exterior platform. Electrical design also included new paralleling switchgear, new electrical service and main distribution equipment, bus duct connecting existing and new distribution equipment, lighting, and tie-in to existing fire alarm system. Generator housings were specified to withstand hurricane force winds. Space was provided on the platform and in the switchgear to incorporate a third, future generator for redundancy.

**Jefferson Parish Dept. of General Services - Yenni Building Porte Cochere's**

Designed and specified electrical systems associated with the addition of a Porte Cochere to the North entrance of the Yenni building. Design included power, lighting, CCTV, and fire alarm.

**Jefferson Parish Department of General Services - New Standby Generator for First Parish Court**

Designed, specified and administered the construction of a new 500 kW natural gas generator set to provide standby power to the First Parish Court Building. Paul acted as the Project Manager; IMC was the Prime Consultant.

**New Orleans Baptist Theological Seminary – Cafeteria Renovation**

Designed and specified all electrical systems for a complete renovation of, and addition to, the Cafeteria Building, including a new Commercial Kitchen and Serving area for students. Design included all power and lighting for the Kitchen and Cafeteria, as well as required Fire Alarm

System. Power system design included provisions for connection of a portable generator, as well as a path towards adding a permanent generator and transfer switch. Lighting controls design for the dining, banquet, meeting, exterior, and public areas included programmable, dimmable controls.

#### **SLFPA-Warehouse Fire Protection System Improvements**

Designed electrical and fire alarm systems associated with the addition of a new electric fire pump and approximately 900 kW of electric heat to the warehouse for fire sprinkler freeze protection. Electrical design included new 480-volt distribution equipment and feeders, as well as repairs and modifications to medium voltage equipment. Fire alarm design included tie-ins to new fire pump and riser flow and tamper switches.

#### **Plaquemines Parish Sheriff's Office - Firing Range Training Facility**

Project consisted of a new multi-story business occupancy with a large classroom for instruction, restrooms, showers, offices, a simulator room, and an armory to support the adjacent firing range. In addition to the typical mechanical, plumbing, and electrical systems, design included elevated equipment and services 16+ feet above grade, a fire pump, and provisions for connection of a roll-up generator. Lighting design was based on all-LED fixtures; interior lighting controls included fixture control based on occupancy.

#### **LADOTD - Crescent City Connection Division - Administration Building Expansion**

Designed and specified electrical systems associated with the expansion of the Administration Building. Design included lighting, power distribution, fire alarm system, closed circuit television system, and access control system.

#### **LADOTD - Michoud Maintenance Facility Renovations**

Designed and specified electrical systems associated with the renovation of and repairs to the DOTD Maintenance Office building and warehouse in New Orleans. Electrical design included power, lighting, and fire alarm systems.






## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 9/6/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Paul Schurb Vlosich  
2120 Colombo Drive  
Harvey, Louisiana 70058-3045

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>	
<b>Mr. Paul Schurb Vlosich</b>		
License/Certificate Type - Number	Expiration Date	
<b>PE.0031006</b>	<b>03/31/2026</b>	
<b>Status: Active</b>		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

### Disclaimer

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## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Project Assignment:</b>
<b>Name of Firm with which associated:</b>
<b>Years' experience with this Firm:</b>
<b>Education: Degree(s)/Year/Specialization:</b>
<b>Active registration: Year first registered/discipline:</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>

***Other Experience and Qualifications Relevant to the Proposed Project (continued)***

**Jefferson Parish Fire Station #18**

This project entailed an 8,500 square-foot, \$2.4 million full-service fire station with living quarters, commercial kitchen and apparatus bay. The electrical design included lighting, site lighting, power, emergency generator, raceway for communications and CATV. The project included all LED lighting for the fire station along with lighting controls to save energy.

**East Bank Regional Library**

Provided electrical design for the new construction of a 4,408 square-foot maintenance building built adjacent to the existing library. Also created the design for the addition of two exterior 750-kW natural gas generators to provide nonemergency backup power for the entire library complex.

**Marrero Wastewater Treatment Plant Administration Building, Jefferson Parish**

This project involved a new 3,500 sq-ft building located at the Marrero Wastewater Treatment facility. The building has a 2,100 sq-ft saferoom room area that is back up by generator power. The electrical design included lighting, power, fire alarm and data communications. As mentioned above, a generator was included to power the saferoom area.

**Louisiana National Guard - Engineering Complex, Jackson Barracks**

This design included three buildings: Buildings 401, 402 and 403. Building 401 is an 18,000 square-foot warehouse facility with a small office and 2nd floor work area and showers. Building 402 is a 6,800 square-foot vehicle maintenance building. Building 403 is a 15,000 square-foot shop building with a storage mezzanine and office area.

The electrical design for all three buildings included lighting, power and fire alarm. The design included an emergency generator, a 22 KV to 480-volt pad mounted transformer, and high voltage connection to 22KV electrical infrastructure.

All three buildings were fed by this pad-mounted transformer. Finally, most of the electrical equipment in the three buildings was installed either on a raised platform or at the mezzanine level to protect the equipment in the event of future area flooding.

**Louisiana National Guard – Marrero Readiness Center**

This design-build project included a 49,678 square-foot, two-story Readiness Center and infrastructure to support the Guard's activities on the West Bank. The electrical design included power, lighting, fire alarm, and telephone and data communications. The electrical design also included a 275 KW diesel generator designed to provide back-up power to the facility for 48 hours. The lighting design was an energy efficient design and helped the project attain LEED silver status. All electrical service equipment including the utility transformer and emergency generator were located on an equipment platform on the second floor.






## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 9/6/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Richard Earl Nichols  
1054 Whitetail Drive  
Mandeville, Louisiana 70448

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>	
<b>Mr. Richard Earl Nichols</b>		
License/Certificate Type - Number	Expiration Date	
<b>PE.0025896</b>	<b>09/30/2024</b>	
<b>Status: Active</b>		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Project Assignment:</b>
<b>Name of Firm with which associated:</b>
<b>Years' experience with this Firm:</b>
<b>Education: Degree(s)/Year/Specialization:</b>
<b>Active registration: Year first registered/discipline:</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>

**Other Experience and Qualifications Relevant to the Proposed Project (*continued*)**

**Harvey Volunteer Fire Department – Vehicle Maintenance Building**

Provided mechanical design for the 10,800 square-foot maintenance building and 6,250 square-foot covered storage building. The mechanical scope included HVAC, plumbing and fire protection sprinkler systems. Also provided the design of natural gas service to support building heat and the generator sized to power the entire building. The enclosed vehicle service bay included hoist/crane systems and the HVAC design included vehicle exhaust, heat, and circulation fan systems.

**Jefferson Parish Fire Station No. 18**

This project entailed an 11,000 square-foot, 2-story, full-service fire station with living quarters, commercial kitchen, and apparatus bay. The mechanical design included split-DX equipment, kitchen ventilation systems, apparatus bay ventilation and gas heating systems, and restroom exhaust. Sewer, water, natural gas, and sprinkler services were extended from new municipal connections with internal drainage and an oil/solids separator provided at the drive through bays.

**Jefferson Parish HVAC Upgrades 11 Sites**

With funds secured through a State OCD HVAC Block Grant, IMC designed replacement systems and the associated electrical modifications for 11 Jefferson Parish sites' HVAC equipment. IMC provided request for proposal bid document specifications of equipment ranging from 2 to 20 ton capacity which included both packaged & split systems.

**Jefferson Parish East Bank Regional Library Storage & Emergency Power**

Responsible for the Mechanical, Plumbing, and Fire Protection design and construction administration of the 4,500 square-foot maintenance building, emergency power systems, and parish wide building automation system upgrades.

Mechanical design included 4-pipe, variable volume vertical fan coil units with underground hydronic tie-ins to the existing facility's utilities. Restroom and workshop dedicated ventilation systems were also provided. Plumbing and sprinkler system design included new systems extended from the main facility with a dedicated sprinkler system riser and back flow preventer. Modifications were made to the existing gas service to provide high-pressure gas at the site as well as gas piping to two new 750KW emergency generators. Finally, design and implementation of the parish library wide Siemens Desigo energy management system migration were provided.

**Jefferson Parish West Bank Regional Library**

Responsible for the Mechanical, Plumbing, and Fire Protection design and construction administration of the 33,500 square-foot renovation to the existing library as well as a 17,000 square-foot addition. Project design is currently complete but has not yet advertised. The mechanical design encompassed phased wholesale replacement of existing HVAC systems with four-pipe, variable volume equipment. The design included a 160-ton high-efficiency air cooled

chilled water plant, a 1400MBH heating hot water plant with condensing boilers, variable speed skid mounted pumping systems, central station chilled water air side equipment, and variable air volume terminal units with hot water reheat. New restroom ventilation systems and a new energy management system to control and monitor the HVAC equipment were also provided.

The plumbing and sprinkler system design included complete replacement of existing systems. Hydro-tunneling to facilitate new below slab waste piping was designed to mitigate issues caused by site settlement. Domestic water and vent piping was replaced to accommodate relocated restrooms and reconfigured ceilings. Modifications to the sprinkler system riser and distribution piping were designed to provide and double-check back flow preventer and allow the phased construction. New sprinkler heads were specified for the renovation and addition areas and a new high-pressure gas service was design to support the gas-fired heating hot water boilers and an emergency generator.

#### **Jefferson Parish Library Special Collections Area HVAC Upgrade and Library Generator**

Project consisted of providing new HVAC systems and associated electrical and duct work modifications and structural supports to serve the Special Collections area of the East Bank Library. Additionally, the project consists of providing new, natural gas fueled, standby power-generation equipment and associated distribution equipment modifications, gas piping modifications, and structural supports as required by the equipment and as necessary to provide standby power sized for the new HVAC equipment as well as receptacles and lighting in the Special Collections area. The project also included the disconnection, raising and reconnection of an existing generator unit to minimize the risk of damage during a flood condition.

#### **Lakeshore Library Equipment Upgrades**

Project consisted of replacing four direct-expansion vertical indoor air-handling units, outdoor condensing units, and associated ductwork modifications and refrigerant piping. Exterior equipment is relocated to the building roof. Total replacement equipment capacity is 38.5 tons. High-efficiency, variable volume equipment features BACnet integration to building control system and modulating hot gas reheat to provide full humidity control.

#### **Jefferson Parish Library HVAC Control Upgrade**

Project consisted of providing a new Direct Digital Control (DDC) System to replace the existing energy management system. The scope of work includes the replacement of existing pneumatic controls with a digital overlay, thereby providing new digital control panels, room sensor/stats, and a new operator workstation. Existing pneumatic actuators remained with EP relays to interface with the DDC system.

#### **SLFPA-E Warehouse – EF Replacement**

Responsibilities included field review of existing conditions, verifying exhaust air code requirements, and developing the design documents for replacement of the forty-six warehouse storage area exhaust ventilation systems. IMC also specified the Contractor's testing and verification procedures at project completion to ensure life safety code smoke evacuation needs are satisfied.






## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 9/6/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Matthew David Wender  
2714 Independence Street  
Metairie, Louisiana 70006

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
<b>Mr. Matthew David Wender</b>		
License/Certificate Type - Number	Expiration Date	
<b>PE.0034365</b>	<b>03/31/2025</b>	
<b>Status: Active</b>		

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Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:  
Project Assignment:  
Name of Firm with which associated:  
Years' experience with this Firm:  
Education: Degree(s)/Year/Specialization:  
Active registration: Year first registered/discipline:  
Other experience and qualifications relevant to the proposed Project:  

## **Other Experience and Qualifications Relevant to the Proposed Project (*continued*)**

### **East Bank Maintenance Building – Jefferson Parish General Services**

Handled Mechanical design of DX split variable air volume cooling systems and plumbing system.

### **Jefferson Parish Fire Station No. 15**

Provided design and construction administration services for the complete replacement of the station’s HVAC systems. The scope included the replacement of all equipment and air distribution modifications to improve the building comfort. IMC served as prime providing all mechanical and electrical design documents for this publicly bid project.

### **Louisiana National Guard – Jackson Barracks – Engineering Complex**

Provided mechanical design for buildings 401, 402 and 403. Building 401 is an 18,000 square-foot warehouse facility with an office and 2nd floor work area with showers. The warehouse area was heated and ventilated with only the office and 2nd floor work room fully conditioned. Building 402 is a 6,800 square-foot vehicle maintenance building. All work areas were heated and ventilated with the office and storage areas fully conditioned. Building 403 is a 15,000 square-foot shop building with a storage mezzanine and office area. The work areas were heated and ventilated except for the break/office area which were conditioned.

### **Louisiana National Guard – Marrero Readiness Center**

Served as lead mechanical engineer for the mechanical design of this 49,700 square-foot, two-story facility. The contributing mechanical and plumbing system measures included complete DDC control, premium efficiency HVAC equipment, demand ventilation control, utility monitoring, non-ozone depleting refrigerants, demand control variable volume air and water systems, instantaneous domestic hot water heating system, and low consumption plumbing fixtures.

### **Marrero Wastewater Treatment Facility EOC**

Mechanical engineer of record for new administration and emergency operations center for the wastewater treatment plant. The building includes administrative offices, a wastewater lab and storm-resistant structure designed to house personnel during major weather events.

### **River Ridge Fire Department Administration Building**


Served as lead mechanical engineer for all HVAC systems for the 7,000 square foot, \$1.5M, new construction project. The project entailed a new fire department administration building and central warehouse.



## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 9/6/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Eugene Fallis Higbee III  
2714 Independence Street  
Metairie, Louisiana 70006

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
<b>Mr. Eugene Fallis Higbee III</b>		
License/Certificate Type - Number	Expiration Date	
<b>PE.0026162</b>	<b>09/30/2024</b>	
<b>Status: Active</b>		
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## TEC Professional Services Questionnaire

**L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

### PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>



## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

## TEC Professional Services Questionnaire

**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.**

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. IMC has no prior or on-going litigation with Jefferson Parish.		
2.		
3.		
4.		

**N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.**

IMC Consulting Engineers, Inc. has enjoyed serving Jefferson Parish for over 30 years and has provided extensive electrical and mechanical work for the parish both as a prime consultant and as a sub-consultant. Relevant projects include MEP design for municipal, military, recreational, and emergency facilities. Specific to Jefferson Parish, in addition to the projects listed in this form, IMC has also designed and administered the construction for mechanical and/or electrical systems for the Yenni Building Generator Platform, Yenni Building Cooling Tower Replacement, and the addition of the standby of generator at First Parish Court, to name a few.

Providing quality professional services to the municipal sector has been a key component of our company's success. Our experience serving this sector has afforded us the opportunity to understand the unique challenges this sector faces, namely budget constraints, operation costs, and the serviceable life that the systems are expected to provide.

*Please see the next page for additional information.*

**O. To the best of my knowledge, the foregoing is an accurate statement of facts.**

Signature: Paul S. Vlosich Print Name: Paul S. Vlosich

Title: Principal and Director of Municipal Projects Date: 9/5/2024

N. *(continued)* Use this space to provide any additional information or description of resources supporting firm's qualifications for the proposed project:

#### 1. PROFESSIONAL TRAINING AND EXPERIENCE

IMC Consulting Engineers, Inc. was established in September 1988 to provide quality mechanical and electrical engineering services in the commercial/institutional and municipal marketplace. IMC's total staff of 18 includes professionals, technicians, AutoCAD, and support personnel. The firm is led by the principals, Chip Higbee, P.E. (30+ years in mechanical design), Richard Nichols, P.E. (30+ years in electrical design), Paul Vlosich, P.E. (30 years in electrical design) and Matt Wender, P.E. (20 years in mechanical design).

The Electrical Department also includes two degreed engineers under Richard and Paul's guidance. The mechanical department is led by Matt Wender, P.E., who oversees the staff of two licensed mechanical engineers, two mechanical designers and one CIPE plumbing designer. In addition, IMC employs four AutoCAD operators, an Electrical Engineer Intern and two clerical/office personnel.

All IMC Engineers and Designers provide field observation and inspection of projects under construction on a regular basis. Our Engineers and Designers are required to obtain a minimum of 15 hours of professional development training each year, eight of which must be associated with life safety training (NFPA 101, IBC, NFPA 72, NFPA 13, etc.), and at least one hour in professional ethics.

#### 2. SIZE OF FIRM

IMC is an 18-person firm specializing in mechanical and electrical design services. Our firm has relatively low overhead and prides itself on productivity. Our engineers and designers are involved in all aspects of the project from design to final observation, decreasing the total impact that a single project has to company resources, and allowing our engineers to take ownership of the projects they have designed.

IMC is presently utilizing AutoCAD & Revit drafting software and custom-designed templates specifically tailored to electrical and mechanical system drafting. The original template was designed in 1988 and continues to be upgraded by IMC. IMC utilizes MS Word processing software for specifications and general correspondence and utilizes Microsoft Excel electronic spreadsheet for efficient calculations and tabulation of data.

#### 3. CAPACITY FOR TIMELY COMPLETION OF WORK

Based upon our experience with past contracts, we project that this contract would constitute less than 5% of our revenue in a given fiscal year. As such, we believe that IMC's staff can support the design effort required for the awarded work. IMC has been able to provide professional design services under numerous municipal contracts within the scheduled time. IMC has never been involved in litigation with a public entity, and we know of no time when IMC failed to meet scheduled delivery dates.

#### 4. PAST PERFORMANCE ON PROJECTS OF SIMILAR SIZE, SCOPE, AND SCALE

IMC has provided engineering services for many Jefferson Parish projects. Currently, IMC holds a miscellaneous mechanical and electrical engineering service contract with the parish. We encourage the reader to inquire about IMC's past performance with Mr. Ryan Babcock, Director of General Services for Jefferson Parish.

In addition, IMC has designed and administered MEP projects for many state and federal municipalities, including the Louisiana Department of Transportation and Development, Louisiana Facility Planning and Control, Louisiana National Guard, GSA, and the U.S. Navy.

N. *(continued)* Use this space to provide any additional information or description of resources supporting firm's qualifications for the proposed project:

Some projects specific to South Louisiana include:

- Louisiana National Guard – Jackson Barracks
- Louisiana National Guard – Readiness Centers
- Marine Forces Reserve Headquarters – Federal City
- Nunez Community College – New Administration Building

5. LOCATION OF PRINCIPAL OFFICE

IMC's only office is located in Jefferson Parish at 2714 Independence Street in Metairie and many of our employees reside in Jefferson Parish. IMC has been located in Metairie since 1993. All mechanical and electrical design work will be handled from this office by staff presently with IMC.

6. ADVERSERIAL LEGAL PROCEEDINGS WITH JEFFERSON PARISH

IMC is not involved nor ever has been involved in litigation with Jefferson Parish.

7. PRIOR SUCCESSFUL COMPLETION OF PROJECTS OF THE TYPE & NATURE OF SERVICES

We've designed many facilities over the years for Jefferson Parish including fire stations, libraries, and administrative buildings such as the Marrero Wastewater Treatment Plant Administration Building. We encourage the reader to discuss our performance with Roy Burst of the Jefferson Parish Library System. The reader may also want to contact Anthony Francis, the former Director of General Services for Jefferson Parish, or Ryan Babcock, the current Director of General Services for Jefferson Parish.

IMC is a small business as identified by U.S. Federal Standards.



## IMC CONSULTING ENGINEERS, INC. LICENSE

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

<b>Name:</b>	<b>Public Address:</b>
IMC Consulting Engineers, Inc.	2714 Independence Street Metairie, Louisiana 70006

### License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001470	Active	11/17/1988	03/31/2025	Mr. Eugene Fallis Higbee III # PE.0026162 ; Mr. Richard Earl Nichols # PE.0025896

# **D. BFM CORPORATION, LLC**

**Subconsultant: Topographic Surveying**

- **TEC Professional Services Questionnaire**

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

Professional Architectural and Engineering Services related to the  
Design and Construction Administration of

# Rheem Facility Renovations

**SOQ 24-031 | Resolution No. 144735**

**B. Firm Name & Address:**



**BFM Corporation, LLC**

15 Veterans Memorial Boulevard | Kenner LA 70062

**C. Name, title, and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

**Ralph P. Fontcuberta, Jr., PLS, Executive Vice President**

504-468-8800 | 504-468-8800 cell | [ralph@bfmcorporation.com](mailto:ralph@bfmcorporation.com)

Registered Professional Land Surveyor (**Louisiana No. 4329; since 1974**)

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline:**

**Ralph P. Fontcuberta, Jr., PLS, Executive Vice President**

504-468-8800 | 504-468-8800 cell | [ralph@bfmcorporation.com](mailto:ralph@bfmcorporation.com)

Registered Professional Land Surveyor (**Louisiana No. 4329; since 1974**)

**E. Please provide the number of employees whose primary function corresponds with each category:**

<u>4</u>	Administrative	<u>          </u>	Estimators	<u>          </u>	Specification Writers
<u>          </u>	Architects (Licensed)	<u>          </u>	Geologists	<u>          </u>	Structural Engineers
<u>          </u>	Chemical Engineers	<u>1</u>	Geotechnical Engineers	<u>          </u>	Graduate Engineers
<u>          </u>	Civil Engineers	<u>          </u>	Interior Designers	<u>2</u>	Project Managers
<u>          </u>	Construction Inspectors	<u>          </u>	Landscape Architects	<u>          </u>	Clerical ( <i>see Administrative</i> )
<u>          </u>	Ecologists	<u>1</u>	Land Surveyor ( <i>Apprentice</i> )	<u>          </u>	Grant/Funding Specialist
<u>          </u>	Electrical Engineers	<u>          </u>	Mechanical Engineers	<u>          </u>	Sanitary Engineers
<u>          </u>	Engineer Intern	<u>          </u>	Environmental Engineers	<u>1</u>	<i>Researcher/Archivist</i>
<u>2</u>	Professional Land Surveyors	<u>          </u>		<u>2</u>	<i>CADD Technicians</i>
				<u>6</u>	<i>Survey Crew Chief</i>
				<u>4</u>	<i>Survey Crew Instrumentman</i>
				<u>23</u>	<b>TOTAL</b>

**F. Is this submittal by a JOINT-VENTURE? Please check: YES            NO X**

If marked "no", skip to Section I. If marked "yes", complete Sections G-H.

## TEC Professional Services Questionnaire

**G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.**

1.  
N/A

2.

**H. Has this JOINT-VENTURE previously worked together? Please check:**

YES \_\_\_\_\_ NO \_\_\_\_\_ N/A

**I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.**

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A		
2.		
3.		

**J. Please specify the total number of support personnel that may assist in the completion of the Project:**

23 (all personnel will be available for assignment to the project)



## TEC Professional Services Questionnaire

- K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e., résumé) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.**

### PROFESSIONAL IN CHARGE OF PROJECT:

**Name & Title:**

**Ralph P. Fontcuberta, Jr., PLS**

Executive Vice President / Registered Professional Land Surveyor

**Project Assignment:**

Registered Professional Land Surveyor

**Name of Firm with which associated:**

**BFM CORPORATION, LLC**  
Professional Land & Hydrographic Surveying

**Years' experience with this Firm:**

42 years (Founding Principal of BFM in 1982);      Gulf South Engineering and Testing, Inc. | 2017 to present  
57 years total (1967)      BFM Corporation, LLC | 1982 to present  
Surveys, Inc. | 1967 to 1982  
The Boeing Company | 1964 to 1967

**Education: Degree(s)/Year/Specialization:**

2 yr, Building Trade Curriculum, Delgado, New Orleans  
2 yr, Mathematics Curriculum, University of New Orleans

**Active Registration: Year first registered/discipline:**

1974 / Professional Land Surveyor (Louisiana No. 4329)  
1974 / Professional Land Surveyor (Mississippi No. 1633)

**Other experience and qualifications relevant to the proposed Project:**

**Ralph P. Fontcuberta, Jr., PLS has provided services on an almost incalculable number of surveying projects throughout southeastern Louisiana in the past half century and has been a registered Professional Land Surveyor (PLS) since 1974.** He is thoroughly knowledgeable in all aspects of surveying: topographic, hydrographic, boundary, right-of-way surveying, and all facets thereof. He has provided surveying services for residential, plant, and industrial layout projects, ranging from small private lots & buildings to multi-million-dollar programs, including the New Orleans FEMA Streets/Recovery Roads Program. Since the beginning of his career, his work has entailed computations, drafting, and field work for various industrial, commercial, municipal, and private clients.

Project work has included topographic surveying needed for a wide variety of engineering, architectural, construction, and other related endeavors. This has included projects for numerous branches of virtually every regional city/parish/town government, multiple State agencies (LA Dept. of Natural Resources (LADNR), Coastal Protection & Restoration Administration (CPRA), LA

## TEC Professional Services Questionnaire

Other experience and qualifications: **Ralph P. Fontcuberta, Jr., PLS (continued)**

Dept. of Transportation & Development (LADOTD), MS Dept. of Transportation (MDOT), and others), Federal agencies (U.S. Army Corps of Engineers (USACE), Dept. of the Navy, etc.), private/public companies (Entergy, BellSouth, Cox Cable, etc.), and numerous other public/private entities.

**Mr. Fontcuberta's surveying experience with Jefferson Parish can be traced back to BFM's inception in 1982, and to 1967 then while working as a surveyor with another firm.** He has over half a century of experience with surveying throughout the region and specifically with Jefferson Parish. He has served as the PLS for projects throughout every corner of Jefferson Parish. Relevant project history includes, but is certainly not limited to, the following:

- Marerro 911 Center, Marrero, Jefferson Parish, LA
- Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA
- Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA
- FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, LA
- Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA
- Rivarde Maintenance Facility, Jefferson Parish, LA
- Fire Station 18, Metairie, Jefferson Parish, LA
- Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA
- Clancy-Maggiore Elementary School for the Arts Survey, Kenner, Jefferson Parish, LA
- Fire Station No. 11, Jefferson Parish, LA
- Haynes Academy School, Metairie, Jefferson Parish, LA
- Lasalle Rest Room Building, Jefferson Parish, LA
- Fire Station No. 38, Jefferson Parish, LA
- Proposed Lafreniere Park Food Pavilion, Metairie, Jefferson Parish, LA
- East Jefferson General Hospital, Metairie, Jefferson Parish, LA
- Fire Station No. 12, Jefferson Parish, LA
- Jefferson Parish Recreation Department Office, Metairie, Jefferson Parish, LA
- Marrero Wastewater Treatment Plant Operations Building, Jefferson Parish, LA
- New West Bank Animal Shelter, Jefferson Parish, LA
- FEMA Elevation Certificates (Multiple Structures; Various Campuses), Jefferson Parish Public Schools
- New Storage Building (New Construction), East Jefferson High School, Jefferson Parish, LA
- Rosethorne Wastewater Treatment Plant, Lafitte, Jefferson Parish, LA
- J.C. Ellis Elementary School, Metairie, Jefferson Parish, LA
- New Construction (9 Lots), Jefferson Parish, LA
- YMCA of Greater New Orleans, Metairie, Jefferson Parish, LA
- Memorial Baptist Church and School, Jefferson Parish, LA
- Hotel Resubdivision, Lake Villas Subdivision, Jefferson Parish, LA

## **TEC Professional Services Questionnaire**

Other experience and qualifications: **Ralph P. Fontcuberta, Jr., PLS (continued)**

- Chateau Estates Elementary School, Kenner, Jefferson Parish, LA
- Haynes Academy, Metairie Jefferson Parish, LA
- YMCA (East Jefferson Center), Metairie, Jefferson Parish, LA
- West Bank Bus Stop Improvements, Jefferson Parish, LA
- East Bank Bus Stop Improvements, Jefferson Parish, LA
- East Bank Bus Stop Improvements - Additional Sites, Jefferson Parish, LA
- Boundary Survey with Improvements - Commercial Property, Jefferson Parish, LA
- Little Farms Gymnasium, Jefferson Parish, LA
- Bridge City Fire Training Facility - FEMA Certificate, Bridge City, Jefferson Parish, LA
- Lake Timberlane Station P-14-8, Harvey, Jefferson Parish, LA
- Bridge City Fire Training Facility - Slab Certificate, Bridge City, Jefferson Parish, LA
- T.H. Harris Middle School Surveying Services, Metairie, Jefferson Parish, LA
- John Quincy Adams Middle School, Metairie, Jefferson Parish, LA
- Hampton Inn Suites, Harvey, Jefferson Parish, LA
- Rock of Ages Baptist Church, Marrero, Jefferson Parish, LA
- George Cox Elementary School Shed Survey, Jefferson Parish, LA
- Haynes Academy (Metairie Road), Metairie, Jefferson Parish, LA
- Rouses Super Market, Metairie, Jefferson Parish, LA
- New Storage Building Construction Surveying, Adams Junior High School, Jefferson Parish, LA
- Kate Middleton School - 3D Scanning (Building Interior & Exterior), Gretna, Jefferson Parish, LA
- Natchez Landing Apartments, Metairie, Jefferson Parish, LA
- Updated ALTA/ACSM, Courtland Park Subdivision, Jefferson Parish, LA
- Harold Keller Elementary School, CBM & Top of Slab Certificate, Metairie, Jefferson Parish, LA
- YMCA (East Jefferson Center), Metairie, Jefferson Parish, LA
- New Storage Building Construction Surveying, W.G. Schneckenburger School, Jefferson Parish, LA
- New Storage Building Construction Surveying, Hazel Park Elementary School, Jefferson Parish, LA
- New Storage Building Construction Surveying, J.C. Ellis Elementary School, Jefferson Parish, LA
- New Storage Building Construction Surveying, Lincoln Elementary School, Jefferson Parish, LA
- New Storage Building Construction Surveying, Marrero Middle School, Jefferson Parish, LA
- New Storage Building Construction Surveying, Judge Collins School, Jefferson Parish, LA
- New Storage Building Construction Surveying, Alexander School, Jefferson Parish, LA
- New Storage Building Construction Surveying, Riviere School, Jefferson Parish, LA
- Harold Keller Elementary School (Final FEMA Elevation Certificate), Metairie, Jefferson Parish, LA
- Haynes Academy School (Final FEMA Elevation Certificate), Metairie, Jefferson Parish, LA

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**Chad M. Poché, P.E.**

Executive Vice President / Registered Professional Geotechnical Engineer

**Project Assignment:**

Engineering Liaison

**Name of Firm with which associated:**

**BFM CORPORATION, LLC**  
Professional Land & Hydrographic Surveying

**Years' experience with this Firm:**

7 years (became partial owner of BFM in 2017);  
31 years total (1993)

*BFM Corporation, LLC | 2017 to present*  
*Gulf South Engineering and Testing, Inc. | 2011 to present*  
*Ardaman and Associates, Inc. | 2007 to 2011*  
*Eustis Engineering | 1996 to 2001*  
*Soil Testing Engineers, Inc. | 1993 to 1996*

**Education: Degree(s)/Year/Specialization:**

M.S., 1998, Civil Engineering, University of New Orleans  
B.S., 1993, Civil Engineering, Louisiana State University

**Active Registration: Year first registered/discipline:**

1998, Civil Engineer (Louisiana No. 27667)  
2002, Civil Engineer (Mississippi No. 15405)

**Other experience and qualifications relevant to the proposed Project:**

Chad M. Poché, P.E. is an Executive Vice President with (and partial owner of) BFM Corporation, LLC, and a co-founder of BFM's sister company, Gulf South Engineering and Testing, Inc. He has been a consulting geotechnical engineer for nearly 30 years in South Louisiana, working on traditional and unique geotechnical engineering projects (shallow and deep foundation design, slope stability, pavement design, etc.). Mr. Poché has also provided construction oversight for waste facilities and virtually every type of earthwork related project. He has been the geotechnical engineer of record for thousands of projects throughout his career.

Mr. Poché's experience includes the development of appropriate scopes of work and proposals for a broad range of projects; planning and coordinating analyses; preparing technical reports; foundation and geotechnical engineering design; construction recommendations; Miss. River facility permitting; managing personnel and office operations, and; serving as an Expert Witness. Mr. Poché has logged soil borings; overseen the installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); performed CMT field testing and inspection; and performed laboratory testing.



## TEC Professional Services Questionnaire

Other experience and qualifications: **Chad M. Poché, P.E. (continued)**

**FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, LA.** BFM Corporation provided surveying services for a final FEMA Elevation Certificate for ten buildings located on the Fisher Middle-High School Campus in Marrero; part of a larger project involving Hurricane Ida Mitigation & Repairs. The project's field services extended from January 8, 2024 to January 22, 2024; deliverables included FEMA Elevation Certificates for each structure as requested. Fees for this project were \$3,000. (\$3,000 (fee); 2024)

**Rivarde Maintenance Facility, Jefferson Parish, LA.** BFM provided boundary and topographic surveying services for the Rivard Maintenance Facility project, located at 1651 Manhattan Boulevard in Harvey. Scope included establishing a baseline parallel to Manhattan Boulevard; setting TBM & CBM on or near the site; establishing cross sections on a 25 ft grid; FF elevations of all buildings. Product to be drawn so that a single R/W (right-of-way) is parallel to at least 1 edge of the sheet. (\$6,890 (fee); 2018)

**Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA.** BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included. (\$16,590 (fee); 2018)

**Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA.** BFM provided site-specific topographic surveying services for the project; this included obtaining the finished floor elevation of buildings within the Limits of Survey. Spot elevations were also taken. Other services included establishing two Construction Benchmarks (one near each site being surveyed), location of existing improvements, location of utilities (sewer, drainage, water), taking spot elevations, and locating and identifying trees on the project site. Project deliverables included a detailed indelible print and high-resolution PDF, AutoCAD drawing files, and the physical Construction Benchmark Certificates for the project. (\$9,290 (fee); 2020)

**Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.** BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. The scope of services included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate. (\$47,461 (fee); 2020)

**Bonnabel High School Boundary and Topographic Survey with FEMA Elevation Certificates, Kenner, Jefferson Parish, LA.** BFM was contracted to provide Boundary & Topographic Surveying services at the project site on Bruin Drive in Kenner, LA. The project included a full boundary survey and provision of a Construction Benchmark Certificate (CBM) and two Temporary Benchmarks (TBMs), and location of property corners, existing buildings, and utilities. Further, the survey project work included obtaining Finished Floor Elevations at the entrance of each building. BFM prepared a FEMA Elevation Certificate for each building as well. Deliverables included the CBM, FEMA Elevation Certificate (for each building), and AutoCAD DWG files. (\$21,820 (fee); 2022)

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**Gary J. Lambert, Jr., PLS**

Vice President / Registered Professional Land Surveyor

**Project Assignment:**

Project Manager/Drafting Supervisor

**Name of Firm with which associated:**

**BFM CORPORATION, LLC**  
Professional Land & Hydrographic Surveying

**Years' experience with this Firm:**

6 years (joined BFM in 2018);  
13 years total (2011)

*BFM Corporation, LLC | 2018 to present*  
*Riverlands Surveying | 2016 to 2018*  
*Bertucci Contracting | 2011 to 2016*

**Education: Degree(s)/Year/Specialization:**

B.S., 2018, Geomatics, Nicholls State University

B.S., 2014, Construction Management, Louisiana State University

**Active Registration: Year first registered/discipline:**

2021, Professional Land Surveyor (Louisiana No. 5929)

**Other experience and qualifications relevant to the proposed Project:**

Gary J. Lambert, Jr., is a registered Professional Land Surveyor in Louisiana and provides Project Management and Drafting Oversight for BFM Corporation. He is the first point of contact for clients on technical matters, scheduling, and deliverables for project work, and conducts meetings with engineering, architectural, and government officials to discuss various project needs. His project work has encompassed all manner of surveying services, from basic home lots to 100+ acre tract boundary surveys.

In the field, Mr. Lambert has provided services as a Survey Crew Chief, using both traditional and robotic surveying methods, since the start of his professional career, and has experience with Leica, Hypack, AutoCAD, AutoCAD 3D, Trimble, and RTK surveying technologies. He further trains employees in the use of an aerial drone, laser scanner, and remote-controlled hydrographic survey boat. This survey experience includes topographic, boundary, ALTA/NSPS, FEMA, and various construction surveying. Mr. Lambert has also conducted hydrographic surveys in the Mississippi River and various other bodies of water throughout the Gulf Coast area.

Mr. Lambert has completed Basic OSHA Training and holds license with the Gulf Coast Safety Council (08SSV, ID429523).

## TEC Professional Services Questionnaire

Other experience and qualifications: **Gary J. Lambert, Jr., PLS (continued)**

**Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA.** BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey. (\$4,450 (fee); 2020)

**Fire Station No. 38, Jefferson Parish, LA.** BFM provided boundary and topographic surveying; scope included establishing a baseline throughout the project site, establishing two Temporary Benchmarks, and locating existing improvements within the designated Limits of Survey. Property corners on subject property and adjacent properties were also located. Visible above ground & underground utilities were located; if a utility did not exist within the limits of survey, BFM located the nearest utility adjacent to the site. Drainage, sewerage, and water structures piping were also located, and trees were located and identified. Project deliverables included a print and high-resolution PDF, a three-point tie worksheet, an ASCII file of data collected, and AutoCAD DWG files. (\$11,470 (fee); 2022)

**Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA.** BFM provided site-specific topographic surveying services for the project; this included obtaining the finished floor elevation of buildings within the Limits of Survey. Spot elevations were also taken. Other services included establishing two Construction Benchmarks (one near each site being surveyed), location of existing improvements, location of utilities (sewer, drainage, water), taking spot elevations, and locating and identifying trees on the project site. Project deliverables included a detailed indelible print and high-resolution PDF, AutoCAD drawing files, and the physical Construction Benchmark Certificates for the project. (\$9,290 (fee); 2020)

**West Bank Bus Stop Improvements, Jefferson Parish, LA.** BFM's surveying services involved topographic surveying (25 ft grid) for multiple bus stop locations (AV26, AV27, AV3 (6 sites), AV40, AV42, AV43, AV44, AV45, AV47, AV65, AV74, AV76, HL67, MR44, MR52). (\$26,622 (fee); 2019)

**Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.** BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. The scope of services included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate. (\$47,461 (fee); 2020)

**FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, LA.** BFM Corporation provided surveying services for a final FEMA Elevation Certificates for ten buildings located on the Fisher Middle-High School Campus in Marrero; part of a larger project involving Hurricane Ida Mitigation & Repairs. The project's field services extended from January 8, 2024 to January 22, 2024; deliverables included FEMA Elevation Certificates for each structure as requested. Fees for this project were \$3,000. (\$3,000 (fee); 2024)

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**Christopher Lemley**  
Field Operations Manager/Survey Crew Chief

**Project Assignment:**

Field Operations Manager/Survey Crew Chief

**Name of Firm with which associated:**

**BFM CORPORATION, LLC**  
Professional Land & Hydrographic Surveying

**Years' experience with this Firm:**

10 years (joined BFM in 2014); BFM Corporation, LLC | 2014 to present  
18 years total (2006) G.E.C., Inc. | 2010 to 2014  
Krebs, LaSalle, LeMieux Consultants, Inc. | 2006 to 2010

**Education: Degree(s)/Year/Specialization:**

High School Diploma

**Active Registration: Year first registered/discipline:**

American Traffic Safety Service Assn. – Traffic Flagger  
Louisiana Boater Education - Boating Safety Certificate  
Norfolk Southern Roadway Worker Protection Contractor Safety Certificate

**Other experience and qualifications relevant to the proposed Project:**

Chris Lemley's services as BFM's Field Operations Manager includes overseeing all field work and activity by company personnel. His surveying experience includes over 8 years as a Survey Crew Chief. His survey software experience includes projects involving Trimble, Topcon, Leica, and Hypack, and has maintained and operated GPS, Auto-Level, and Total Station. Notable past project work has included the New Orleans Museum of Art, Jackson Barracks Restoration, US Highway 11, NASA Michoud Cells 3 & 4, the St. Bernard Lot Next Door Program, and multiple Orleans Parish School Recovery projects (including L.B. Landry, George Washington Carver, and Alice M. Harte schools).

**Marerro 911 Center, Jefferson Parish, LA.** BFM provided topographic surveying services for the project, located at 5698 Belle Terre Road. The scope of services included establishing two Temporary Benchmarks, location of property corners, and plotting location of improvements and utilities & piping (drainage, sewerage, water). BFM further measured the interior of the building to define walls and obtained the slab elevations of any depressed slabs found in the building. Cross sections were taken, and a FEMA Elevation Certificate was set for the existing building on site. Project deliverables included an indelible print and a high-resolution PDF of same. A Construction Benchmark Certificate was issued. AutoCAD drawing files were provided in DWG format. (\$8,793 (fee); 2017)



## TEC Professional Services Questionnaire

Other experience and qualifications: **Christopher Lemley (continued)**

**Lasalle Rest Room Building, Jefferson Parish, LA.** BFM prepared a boundary survey (with topographic services) for the project, elements of which included TBM (Temporary Benchmarks), location of visible/below ground surface (BGS) utilities, research of record drawings, pipe location & determination of sizes/types, trees and other natural elements, etc. BFM further provided a construction benchmark (CBM) and all drawings (AutoCAD) as outlined. Later services included location of sewer manholes and lift station. (\$9,420 (fee); 2017)

**Kate Middleton School - 3D Scanning Services (Building Interior), Gretna, Jefferson Parish, LA.** BFM's surveying services included a 3D scanning survey of the building interior for the project. (\$15,500 (fee); 2017)

**New Storage Building Construction Surveying, Adams Junior High School, Jefferson Parish, LA.** BFM's initial surveying services (2017) for the project included a partial boundary survey, top of form, and setting of the construction benchmark (CBM). A FEMA elevation certificate was also provided. Additional surveying services (2018) expanded on the initial scope and updated information as pertinent to the construction of the building. (\$3,316 (fee); 2018)


**Clancy-Maggiore Elementary School for the Arts, Kenner, Jefferson Parish, LA.** BFM provided boundary surveying services for the project, located at 2100 Maine Avenue in Kenner. The scope of services focused on improvements to the site. BFM researched all title data, established a closed traverse around the site, and set a TBM. Elevations were taken across the project site. Spot elevations were plotted, as well as the location of all improvements and topographic features. Utilities were located as were piping and trees/brush of a certain caliper. Deliverables included hardcopy and AutoCAD DWG format files. A later update to the project included a Form Board Certificate (FBC). (\$19,940 (fee); 2017)

**FEMA Elevation Certificates for Multiple Structures at Various Campus Locations, Jefferson Parish Public Schools, Jefferson Parish, LA.** BFM provided surveying services to prepare FEMA Elevation Certificates for 14 structures at three campus locations: Bridgedale Elementary (808 Zinnia Avenue in Metairie), Ellender Middle (4501 East Ames Boulevard in Marrero), and John Martyn School (1108 Shrewsbury Road in Jefferson). (\$5,000 (fee); 2018)

**Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA.** BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey. (\$4,450 (fee); 2020)

**Rivarde Maintenance Facility, Jefferson Parish, LA.** BFM provided boundary and topographic surveying services for the Rivard Maintenance Facility project, located at 1651 Manhattan Boulevard in Harvey. Scope included establishing a baseline parallel to Manhattan Boulevard; setting TBM & CBM on or near the site; establishing cross sections on a 25 ft grid; FF elevations of all buildings. Product to be drawn so that a single R/W (right-of-way) is parallel to at least 1 edge of the sheet. (\$6,890 (fee); 2018)

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>	
<b>Name &amp; Title:</b>	
<b>John Philip Thayer</b> Procurement Director (Proposals & Project Management Support)	
<b>Project Assignment:</b>	
Project Management Support	
<b>Name of Firm with which associated:</b>	
 <b>BFM CORPORATION, LLC</b> Professional Land & Hydrographic Surveying	
<b>Years' experience with this Firm:</b>	
16 years (joined BFM in 2008); 17 years total (2007)	<i>BFM Corporation, LLC   2008 to present</i> <i>Delle Land Surveying   2007 to 2008</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
Certificate, 2015, Land Surveying Services B.S., 2007, Physical Education, Trevecca Nazarene University	
<b>Active Registration: Year first registered/discipline:</b>	
N/A	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Phil Thayer serves as BFM's Procurement Director, providing proposal preparation and Project Management Support, having considerable experience in field surveying services, including ALTA/as-built surveying, construction layout, boundary, topographic, cross-sections, GPS use, and numerous other surveying types.</p> <p><b>FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, LA.</b> BFM Corporation provided surveying services for a final FEMA Elevation Certificates for ten buildings located on the Fisher Middle-High School Campus in Marrero; part of a larger project involving Hurricane Ida Mitigation &amp; Repairs. The project's field services extended from January 8, 2024 to January 22, 2024; deliverables included FEMA Elevation Certificates for each structure as requested. Fees for this project were \$3,000. (\$3,000 (fee); 2024)</p> <p><b>Lasalle Rest Room Building, Jefferson Parish, LA.</b> BFM prepared a boundary survey (with topographic services) for the project, elements of which included TBM (Temporary Benchmarks), location of visible/below ground surface (BGS) utilities, research of record drawings, pipe location &amp; determination of sizes/types, trees and other natural elements, etc. BFM further provided a construction benchmark (CBM) and all drawings (AutoCAD) as outlined. Later services included location of sewer manholes and lift station. (\$9,420 (fee); 2017)</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **John Philip Thayer (continued)**

**Haynes Academy School, Metairie, Jefferson Parish, LA.** BFM prepared a Site Specific Topographic Survey for the project site at Haynes Academy School (part of the Bath Subdivision), located at 1416 Metairie Road. Project elements focused on boundary surveying, improvements throughout the campus, and notably locating the gym class fence. Scope included horizontal & vertical control, TBMs, and location of existing improvements & utilities, piping, and trees. Cross sections were taken, and a finished floor elevation provided of adjacent buildings. Deliverables included print & AutoCAD files. (\$8,400 (fee); 2019)

**New Storage Building (New Construction), East Jefferson High School, Jefferson Parish, LA.** BFM's surveying services for the project included boundary surveying for a storage building (new construction) and a construction benchmark (CBM). Later services will include Top of Form and FEMA Elevation Certificates). (\$2,518 (fee); 2017)

**New Construction (9 Lots), Jefferson Parish, LA.** BFM's surveying services included boundary survey and construction benchmark (CBM) of nine total lots, including top of slab/pier and FEMA Elevation Certificates. (Tract A, Lafreniere Plantation, Southeastern District, Section 42 & 43, T12S-R10E, Jefferson Parish, 700 Elise Avenue, Metairie, LA). Additional survey work executed in 2020 included Lot S-12-A6 (Elmwood Lafreniere Plantation). (\$6,200 (fee); 2020)

**Fire Department Garage/Fire Training Center, Jefferson Parish, LA.** BFM provided topographic surveying services for the project, which included the East Street/Bridge City (Fairfield Plantation) FD and the Fire Training Center in Belt Bridge. (\$8,124 (fee); 2016)

**East Jefferson High School Courtyard Improvements, Metairie, Jefferson Parish, LA.** BFM provided surveying to collect elevations and locate improvements on the interior courtyards of the East Jefferson High School campus in Metairie, Louisiana. Improvements included drainage structures, sewer clean-outs, electrical boxes, etc. utilizing laser scanning (Leica C10 HDS). A plan view showing topographic features (trees, pavement, piping, etc.) and a contour map are part of the final deliverables for the product. (\$4,798 (fee); 2016)

**West Jefferson Medical Center (WJMC) Emergency Generators, Jefferson Parish, LA.** BFM provided boundary and topographic surveying in accordance with the sketch provided by the client. Sketch included finished floor of all structures at each entrance, 100 ft. cross sections, all basic utilities, trees, etc. (\$14,900 (fee); 2013)


**Woodmere Community Center – Parcel K, Woodmere Subdivision Section 1, Jefferson Parish, LA.** BFM provided boundary & topographic surveying services. (\$11,032 (fee); 2011)

**Lafitte Arts Center, Jefferson Parish, LA.** BFM provided boundary and topographic surveying services for the Lafitte Arts Center (Jean Lafitte Boulevard; 20-1050). (\$7,644 (fee); 2011)

**Parish School Board Facilities Building Complex, Gretna, Jefferson Parish, LA.** BFM provided boundary and topographic surveying services for the Parish School Board Facilities Building Complex at 4600 River Road. (\$15,238 (fee); 2009)

**Maggiore School Foundation Study, Jefferson Parish, LA.** BFM provided topographic surveying services for a foundation study of the Maggiore School. (\$4,436 (fee); 2009)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Dawn Hoffman</b> Researcher/Archivist	
<b>Project Assignment:</b>	
Researcher/Archivist	
<b>Name of Firm with which associated:</b>	
 <b>BFM CORPORATION, LLC</b> Professional Land & Hydrographic Surveying	
<b>Years' experience with this Firm:</b>	
15 years (joined BFM in 2009); 27 years total (1997)	<i>BFM Corporation, LLC   2009 to present</i> <i>Fluor Corporation   2007 to 2009</i> <i>Geographic Computer Technologies, LLC   2000 to 2007</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
A.D., 1999, Computer-Aided Drafting, Southeast College of Technology Certificate, 2003, Introduction to ArcGIS, Louisiana State University	
<b>Active Registration: Year first registered/discipline:</b>	
N/A	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Dawn Hoffman serves as BFM's primary researcher and has more than 25 years of experience in this field. She is extremely knowledgeable with researching in various parishes and cities.</p> <p><b>FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, LA.</b> BFM provided surveying services for a final FEMA Elevation Certificates for ten buildings located on the Fisher Middle-High School Campus in Marrero; part of a larger project involving Hurricane Ida Mitigation &amp; Repairs. The project's field services extended from January 8, 2024 to January 22, 2024; deliverables included FEMA Elevation Certificates for each structure as requested. Fees for this project were \$3,000. (\$3,000 (fee); 2024)</p> <p><b>East Jefferson High School Courtyard Improvements, Metairie, Jefferson Parish, LA.</b> BFM provided surveying to collect elevations and locate improvements on the interior courtyards of the East Jefferson High School campus in Metairie, Louisiana. Improvements included drainage structures, sewer clean-outs, electrical boxes, etc. utilizing laser scanning (Leica C10 HDS). A plan view showing topographic features (trees, pavement, piping, etc.) and a contour map are part of the final deliverables for the product. (\$4,798 (fee); 2016)</p> <p><b>Marrero 911 Center, Jefferson Parish, LA.</b> BFM provided topographic surveying services for the project, located at 5698 Belle Terre Road. Scope included establishing two Temporary Benchmarks, location of property corners, and plotting location of improvements and utilities &amp; piping (drainage, sewerage, water). BFM further measured the interior of the building to define</p>	



## TEC Professional Services Questionnaire

Other experience and qualifications: **Dawn Hoffman (continued)**

walls and obtained the slab elevations of any depressed slabs found in the building. Cross sections were taken, and a FEMA Elevation Certificate was set for the existing building on site. Project deliverables included print and PDF; a Construction Benchmark Certificate was also issued. AutoCAD drawing files were provided in DWG format. (\$8,793 (fee); 2017)

**FEMA Elevation Certificates for Multiple Structures at Various Campus Locations, Jefferson Parish Public Schools, Jefferson Parish, LA.** BFM provided surveying services to prepare FEMA Elevation Certificates for 14 structures at three campus locations: Bridgedale Elementary (808 Zinnia Avenue in Metairie), Ellender Middle (4501 East Ames Boulevard in Marrero), and John Martyn School (1108 Shrewsbury Road in Jefferson). (\$5,000 (fee); 2018)

**Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA.** BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey. (\$4,450 (fee); 2020)

**Little Farms Gymnasium, Jefferson Parish, LA.** BFM's scope involved a multiple-site topographic survey at the project site (10301 S. Park Street, River Ridge), including a temporary benchmark & construction benchmark; location of improvements, visible utilities & nearest fire hydrant; FF elevations at entrance of buildings, and; cross sections (25 ft grid). (\$6,055 (fee); 2018)

**Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA.** BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included. (\$16,590 (fee); 2018)

**Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.** BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. The scope of services included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate. (\$47,461 (fee); 2020)

**Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA.** BFM provided site-specific topographic surveying services for the project; this included obtaining the finished floor elevation of buildings within the Limits of Survey. Spot elevations were also taken. Other services included establishing two Construction Benchmarks (one near each site being surveyed), location of existing improvements, location of utilities (sewer, drainage, water), taking spot elevations, and locating and identifying trees on the project site. Project deliverables included a detailed indelible print and high-resolution PDF, AutoCAD drawing files, and the physical Construction Benchmark Certificates for the project. (\$9,290 (fee); 2020)

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**Anthony Watson**

CADD Technician (AutoCADD Drafting Services)

**Project Assignment:**

CADD Technician (AutoCADD Drafting Services)

**Name of Firm with which associated:**

**BFM CORPORATION, LLC**  
Professional Land & Hydrographic Surveying

**Years' experience with this Firm:**

13 years (joined BFM in 2011);  
33 years total (1991)

*BFM Corporation, LLC | 2011 to present*  
*Krebs LaSalle Lemieux / GEC | 2008 to 2011*  
*Doug Connally and Associates Land Surveying (Dallas, TX) | 1995-2008*  
*Electrician | 1991 to 1995*  
*City of Plano TX (Part-Time Drafting Services) | 1991*

**Education: Degree(s)/Year/Specialization:**

Coursework - CAD, Avatech Solutions, Los Colinas, TX

**Active Registration: Year first registered/discipline:**

N/A

**Other experience and qualifications relevant to the proposed Project:**

Anthony Watson has experience as a draftsman/survey technician, having started his career as an intern with the Surveying Department of the City of Plano, Texas. His experience through the years includes manual and computer-aided drafting for a wide range of projects, ranging from small lot surveys to subdivisions to municipal treatment and private industrial plants. He has experience in all facets of surveying (boundary, topographic, ALTA/ACSM, plan & profile, etc.) in both drafting and field environments.

**Haynes Academy School, Metairie, Jefferson Parish, LA.** BFM prepared a Site Specific Topographic Survey for the project site at Haynes Academy School (part of the Bath Subdivision), located at 1416 Metairie Road. Project elements focused on boundary surveying, improvements throughout the campus, and notably locating the gym class fence. Scope included horizontal & vertical control, TBMs, and location of existing improvements & utilities, piping, and trees. Cross sections were taken, and a finished floor elevation provided of adjacent buildings. Deliverables included print & AutoCAD files. (\$8,400 (fee); 2019)

**Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA.** BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations

## TEC Professional Services Questionnaire

Other experience and qualifications: **Anthony Watson (continued)**

for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey. (\$4,450 (fee); 2020)

**Proposed Lafreniere Park Food Pavilion, Metairie, Jefferson Parish, LA.** BFM prepared a site-specific topographic survey for the project site. The scope of services included location of utilities (water & sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark (TBM) and Construction Benchmark (CBM), locating existing improvements, natural elements, and other topographic features. (\$9,050 (fee); 2020)

**Fire Station 11, Jefferson Parish, LA.** BFM provided topographic surveying services for the project in Jefferson Parish. The scope of services included establishing a Construction Benchmark (CBM), location of existing improvements within the designated Limits of Survey, and taking spot elevations. The survey further located above & underground utilities and drainage, sewerage, and water structure piping. Project deliverables, a high-resolution PDF, and a Construction Benchmark Certificate was provided. (\$5,920 (fee); 2022)

**Kate Middleton School - 3D Scanning Services (Building Interior), Gretna, Jefferson Parish, LA.** BFM's surveying services included a 3D scanning survey of the building interior for the project. (\$15,500 (fee); 2017)

**Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA.** BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included. (\$16,590 (fee); 2018)

**Clancy-Maggiore Elementary School for the Arts, Kenner, Jefferson Parish, LA.** BFM provided boundary surveying services for the project, located at 2100 Maine Avenue in Kenner. The scope of services focused on improvements to the site. BFM researched all title data, established a closed traverse around the site, and set a TBM. Elevations were taken across the project site. Spot elevations were plotted, as well as the location of all improvements and topographic features. Utilities were located as were piping and trees/brush of a certain caliper. Deliverables included hardcopy and AutoCAD DWG format files. A later update to the project included a Form Board Certificate (FBC). (\$19,940 (fee); 2017)

**New Facility (15 Acres), Jefferson Parish, LA.** BFM performed boundary surveying services for a new facility on a 15-acre site for the Jefferson Parish Department of Capital Projects. (Lot 31, Barabay Estates) (\$22,970 (fee); 2016)

**Peter C Bertucci Elementary School (Ames Farms/Lower Estelle Plantation), Jefferson Parish, LA.** BFM provided topographic and boundary surveying services for lots H-322-D and H-322-E, Sec. 7 & 10, T13S-R23E (Southeastern District of Louisiana). (JPPSS Proj 2009-09B) (\$27,386 (fee); 2011)

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**Kevin A. Roberts**

CADD Technician (AutoCADD Drafting Services)

**Project Assignment:**

CADD Technician (AutoCADD Drafting Services)

**Name of Firm with which associated:**

**BFM CORPORATION, LLC**  
Professional Land & Hydrographic Surveying

**Years' experience with this Firm:**

6 years (joined BFM in 2018);  
39 years total (1985)

*BFM Corporation, LLC | 2018 to present*  
*J.V. Burkes and Associates | 2017 to 2018*  
*Evans-Graves Engineers | 2003 to 2017*  
*J. Ray McDermott | 2002 to 2003*  
*MECO (Drafting Dept) | 2002 to 2003*  
*Advanced Commercial Contracting (Drafting Dept) | 1999 to 2002*  
*SOTEC (Drafting Dept) | 1999*  
*UNO Purchasing & Physical Plant Depts. | 1985 to 1997*

**Education: Degree(s)/Year/Specialization:**

A.D., 1999, Drafting & Design, Louisiana Technical College  
Coursework, 1994-1997, Nunez Community College  
Coursework, 1984-1988, Delgado Community College  
Coursework, 1982-1983, University of New Orleans

**Active Registration: Year first registered/discipline:**

N/A

**Other experience and qualifications relevant to the proposed Project:**

Kevin Roberts has direct drafting experience with civil engineering, offshore engineering, water purification systems, and general architectural and construction design & terminology. He joined BFM in 2018 and provides drafting services to the firm.

**Jefferson Parish Recreation Department Office, Metairie, Jefferson Parish, LA.** BFM's scope involved a multiple-site topographic survey, including a temporary benchmark & construction benchmark; location of improvements, visible utilities & nearest fire hydrant; FF elevations at entrance of buildings, and; cross sections (25 ft grid). (\$3,345 (fee); 2018)

**East Jefferson General Hospital, Metairie, Jefferson Parish, LA.** BFM's scope of services for the project involved a boundary survey with sidewalk location, covering the area along the northerly side of Ithaca at the westernmost driveway-accessing parking lot. Spot elevations were taken at 5 ft. intervals. Property corners were also located in the survey. (\$2,275 (fee); 2019)



## TEC Professional Services Questionnaire

Other experience and qualifications: **Kevin A. Roberts (continued)**

**Fire Station No. 38, Jefferson Parish, LA.** BFM provided boundary & topographic surveying; scope included establishing a baseline throughout the project site, establishing two TBMs, and locating existing improvements within the designated Limits of Survey. Property corners on subject property and adjacent properties were located. Utilities were located; if a utility did not exist within the limits of survey, BFM located the nearest utility adjacent to the site. Drainage, sewerage, and water structures piping were also located, and trees were located and identified. Project deliverables included a print and high-resolution PDF, a three-point tie worksheet, an ASCII file of data collected, and AutoCAD DWG files. (\$11,470 (fee); 2022)

**Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA.** BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey. (\$4,450 (fee); 2020)

**West Bank Bus Stop Improvements, Jefferson Parish, LA.** BFM's surveying services involved topographic surveying (25 ft grid) for multiple bus stop locations (AV26, AV27, AV3 (6 sites), AV40, AV42, AV43, AV44, AV45, AV47, AV65, AV74, AV76, HL67, MR44, MR52). (\$26,622 (fee); 2019)

**Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA.** BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included. (\$16,590 (fee); 2018)

**Rivarde Maintenance Facility, Jefferson Parish, LA.** BFM provided boundary and topographic surveying services for the Rivard Maintenance Facility project, located at 1651 Manhattan Boulevard in Harvey. Scope included establishing a baseline parallel to Manhattan Boulevard; setting TBM & CBM on or near the site; establishing cross sections on a 25 ft grid; FF elevations of all buildings. Product to be drawn so that a single R/W (right-of-way) is parallel to at least 1 edge of the sheet. (\$6,890 (fee); 2018)

**Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.** BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. The scope of services included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate. (\$47,461 (fee); 2020)

**Proposed Lafreniere Park Food Pavilion, Metairie, Jefferson Parish, LA.** BFM prepared a site-specific topographic survey for the project site. The scope of services included location of utilities (water & sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark (TBM) and Construction Benchmark (CBM), locating existing improvements, natural elements, and other topographic features. (\$9,050 (fee); 2020)

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**Curtis "Jay" Barrios**  
Survey Crew Chief

**Project Assignment:**

Survey Crew Chief

**Name of Firm with which associated:**

**BFM CORPORATION, LLC**  
Professional Land & Hydrographic Surveying

**Years' experience with this Firm:**

34 years (joined BFM in 1990);  
39 years total (1985)

*BFM Corporation, LLC | 1990 to present*  
*Benson Mercedes Benz | 1989 to 1990*  
*SECO Electric | 1987*  
*Frishhertz Electric | 1986 to 1987*  
*Plain Construction | 1985 to 1986*

**Education: Degree(s)/Year/Specialization:**

*High School Diploma*

**Active Registration: Year first registered/discipline:**

*American Traffic Safety Service Assn. – Traffic Flagger*  
*Basic OSHA Training Class Completion*  
*Transportation Work Identification Card (TWIC)*

**Other experience and qualifications relevant to the proposed Project:**

Jay Barrios' surveying experience includes boundary, hydrographic, and topographic. He has been the Survey Crew Chief for thousands of projects and is one of the more experienced surveyors in the area. Further, Mr. Barrios has been involved on major transmission projects for Entergy and South Central Bell (AT&T).

**Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.** BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. The scope of services included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate. (\$47,461 (fee); 2020)

**Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA.** BFM provided site-specific topographic surveying services for the project; this included obtaining the finished floor elevation of buildings within the Limits of Survey. Spot elevations were also taken.

## TEC Professional Services Questionnaire

Other experience and qualifications: **Curtis "Jay" Barrios (continued)**

Other services included establishing two Construction Benchmarks (one near each site being surveyed), location of existing improvements, location of utilities (sewer, drainage, water), taking spot elevations, and locating and identifying trees on the project site. Project deliverables included a detailed indelible print and high-resolution PDF, AutoCAD drawing files, and the physical Construction Benchmark Certificates for the project. (\$9,290 (fee); 2020)

**Marerro 911 Center, Jefferson Parish, LA.** BFM provided topographic surveying services for the project, located at 5698 Belle Terre Road. The scope of services included establishing two Temporary Benchmarks, location of property corners, and plotting location of improvements and utilities & piping (drainage, sewerage, water). BFM further measured the interior of the building to define walls and obtained the slab elevations of any depressed slabs found in the building. Cross sections were taken, and a FEMA Elevation Certificate was set for the existing building on site. Project deliverables included an indelible print and a high-resolution PDF of same. A Construction Benchmark Certificate was issued. AutoCAD drawing files were provided in DWG format. (\$8,793 (fee); 2017)

**Fire Station No. 38, Jefferson Parish, LA.** BFM provided boundary and topographic surveying; scope included establishing a baseline throughout the project site, establishing two Temporary Benchmarks, and locating existing improvements within the designated Limits of Survey. Property corners on subject property and adjacent properties were also located. Visible above ground & underground utilities were located; if a utility did not exist within the limits of survey, BFM located the nearest utility adjacent to the site. Drainage, sewerage, and water structures piping were also located, and trees were located and identified. Project deliverables included a print and high-resolution PDF, a three-point tie worksheet, an ASCII file of data collected, and AutoCAD DWG files. (\$11,470 (fee); 2022)

**FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, LA.** BFM Corporation provided surveying services for a final FEMA Elevation Certificates for ten buildings located on the Fisher Middle-High School Campus in Marrero; part of a larger project involving Hurricane Ida Mitigation & Repairs. The project's field services extended from January 8, 2024 to January 22, 2024; deliverables included FEMA Elevation Certificates for each structure as requested. Fees for this project were \$3,000. (\$3,000 (fee); 2024)

**Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA.** BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey. (\$4,450 (fee); 2020)

**Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA.** BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (trees and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included. (\$16,590 (fee); 2018)

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**Eric Gladney II**  
Survey Crew Chief

**Project Assignment:**

Survey Crew Chief

**Name of Firm with which associated:**

**BFM CORPORATION, LLC**  
Professional Land & Hydrographic Surveying

**Years' experience with this Firm:**

10 years (joined BFM in 2014);  
23 years total (2001)

*BFM Corporation, LLC | 2014 to present*  
*Seatech Industries | 2010 to 2012*  
*Richmond W. Krebs & Associates, LLC | 2008 to 2010*  
*Krebbs, LaSalle, LeMieux Consultants Inc. | 2003 to 2008*

**Education: Degree(s)/Year/Specialization:**

*High School Diploma*

**Active Registration: Year first registered/discipline:**

*American Traffic Safety Service Assn. – Traffic Flagger*  
*Basic OSHA Training Class Completion*  
*Norfolk Southern Roadway Worker Protection Contractor Safety Certificate*  
*Transportation Work Identification Card (TWIC)*

**Other experience and qualifications relevant to the proposed Project:**

Eric Gladney's surveying experience includes topographic, boundary, and hydrographic surveying throughout the region. He has been a Survey Crew Chief on many hundreds of projects. He has had ATSSA certification, completed Basic OSHA Training Class, is Transportation Work Identification Card (TWIC) certified, and completed Norfolk Southern Roadway Worker Protection Contractor Safety Certification.

**Fire Station No. 38, Jefferson Parish, LA.** BFM provided boundary and topographic surveying; scope included establishing a baseline throughout the project site, establishing two Temporary Benchmarks, and locating existing improvements within the designated Limits of Survey. Property corners on subject property and adjacent properties were also located. Visible above ground & underground utilities were located; if a utility did not exist within the limits of survey, BFM located the nearest utility adjacent to the site. Drainage, sewerage, and water structures piping were also located, and trees were located and identified. Project deliverables included a print and high-resolution PDF, a three-point tie worksheet, an ASCII file of data collected, and AutoCAD DWG files. (\$11,470 (fee); 2022)



## TEC Professional Services Questionnaire

Other experience and qualifications: **Eric Gladney, II (continued)**

**J.C. Ellis Elementary School - 8 Classroom Replacement Project, Metairie, Jefferson Parish, LA.** BFM Corporation provided Boundary and Topographic Surveying services for the project. The project established a Construction Benchmark (CBM), took spot elevations, located and/or established property corners, located improvements within the Limits of Survey, and located utilities and applicable trees. A Survey Update after demolition had occurred at the site was executed; this updated the post-demolition conditions, showed the limits of remaining asphalt and location of surrounding buildings. Deliverables included Legal Description, CBM, and plan & baseline profile views with cross sections as well as updated prints and AutoCAD drawing files in DWG format. (\$16,215 (fees); 2022)

**Waterline Improvements on North I-10 Service Road, South I-10 Service Road, Walbash Street, and Hearst Street, JPPW Project No. 2023-010B-WRB, Jefferson Parish, LA.** BFM Corporation was selected to provide a Route Topographic Survey for the project, which involves a total of approximately 8,100 linear feet. The scope of work involves establishment of a baseline along each route, establishing TBMs, spot elevations, location of improvements, utilities, pipes, and natural elements. BFM has provided surveying on multiple Waterline Projects as part of a larger overall Waterline Improvements Program for Jefferson Parish. (\$88,400 (fee); 2023)

**Coventry Drainage Pump Station Cross Section Survey Update, River Ridge, Jefferson Parish, LA.** BFM Corporation provided a single cross section for the project which then updated a previous BFM Survey Project (No. 101214) in order to include the information obtained under this scope of work. (\$6,775 (fee); 2023)

**Route Topographic Survey for Jefferson Parish Waterline Project 2023-030-WRB, Jefferson Parish, LA.** BFM Corporation was selected to provide a Route Topographic Survey for the project, which involves a total of approximately 4,600 linear feet. The scope of work involves establishment of a baseline along each route, establishing TBMs, spot elevations, location of improvements, utilities, pipes, and natural elements. BFM has provided surveying on multiple Waterline Projects as part of a larger overall Waterline Improvements Program for Jefferson Parish. (\$59,300 (fee); 2023)

**Central Avenue Roadway Drainage & Water Main Improvements, Jefferson Parish, LA.** BFM Corporation provided surveying services for the project; the scope of which consisted of verifying pipe sizes and inverts for drainage structures along the west side (only) of Central Avenue, which was located during a previous BFM project. BFM located any new drainage structures within the previous survey limits and determined the depth, size, and type of pipes within each drainage structure which were shown on the previous survey. This included catch basins, drop inlets, and ditch culvert pipes. Alterations/updates were noted on an updated version of the previous survey. (\$2,850 (fee); 2022)

**Waterline Improvements, Metairie Terrace Neighborhood South, JPPW Project No. 2023-040-WRB, Jefferson Parish, LA.** BFM Corporation was selected to provide a Route Topographic Survey for the Jefferson Parish Waterline Project 2023-016A-WRB, which involves a total of approximately 9,100 linear feet. The scope of work involves establishment of a baseline along each route, establishing TBMs, spot elevations, location of improvements, utilities, pipes, and natural elements. BFM has provided surveying on multiple Waterline Projects as part of a larger overall Waterline Improvements Program for Jefferson Parish. (\$88,400 (fee); 2023)

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**Zachary D. Pittman**  
Survey Crew Chief

**Project Assignment:**

Survey Crew Chief

**Name of Firm with which associated:**

**BFM CORPORATION, LLC**  
Professional Land & Hydrographic Surveying

**Years' experience with this Firm:**

1 year (joined BFM in 2023);  
27 years total (1997)

BFM Corporation, LLC | 2023 to present  
Atwell Oil and Gas | 2020 to 2023  
Universal Pegasus-Hill | 2017 to 2020  
Altura Land Consultants (CO) | 2017 to 2017  
NOLA Construction | 2016 to 2017  
Gandolfo Kuhn | 2014 to 2016  
Cavada Surveyors (CO) | 2013 to 2014  
McClone Construction (CO) | 2013 to 2013  
GEC Engineering (fm Krebs Lasalle Lemeiux Eng) | 2010 to 2013  
Jerry Rugg PLS | 2007 to 2010  
Mike Duty PLS | 2006 to 2007  
Sage Alliance Co Engineers (AZ) | 2006 to 2006  
Tommy Semmes Jr. Surveying | 2005 to 2005  
Mike Duty PLS | 2004 to 2005  
Cross Country Surveyors | 2002 to 2003  
Falcon Surveying (CO) | 2002 to 2002  
Charlie Peterson PLS (FL) | 2002 to 2002  
Maroney Engineering | 2001 to 2002  
Eastside Glass and Sealants (WA) | 2000 to 2000  
Jerry Rugg PLS | 1999 to 2000  
Mike Duty PLS | 1997 to 1999

**Education: Degree(s)/Year/Specialization:**

High School Diploma  
Bachelor of Arts Coursework (2 years), University of Louisiana at Monroe

**Active Registration: Year first registered/discipline:**

N/A

**Other experience and qualifications relevant to the proposed Project:**

Zachary Pittman has worked in the industry since 1997 and has vast experience in surveying services, including a multitude of project types and thousands of projects throughout the region, having served as both Survey Crew Chief and Instrumentman/Rodman. As a field layout engineer, he was in charge of layout and quality control for a large concrete construction company and

## TEC Professional Services Questionnaire

Other experience and qualifications: **Zachary D. Pittman (continued)**

further served as a part-time foreman for oversight of foundation, wall, and caisson crews. Mr. Pittman's project experience includes topographic and hydrographic surveying tasks, including ALTA, boundary, elevation certificates, land planning, lot stakeouts, construction layout, and civil engineering projects. Projects have included cell towers, large and small pipeline construction programs, a large light rail project, sports complex buildings, bridge layouts, gas compressor station as-built and natural gas projects, meter stations and main line replacements, and industrial/gas plants and mines.

Mr. Pittman has Multiple Operator Qualifications for all aspects of pipeline locating and surveying, and is experienced with all instrumentation and various other aspects of surveying involved. This includes Static and RTK GPS; Leica, TDS, Trimble, and Topcon operating systems; Robotic Total Station, and Leica, Trimble, and FARO scanning systems. He also is knowledgeable with JSA, job task, and quality control documents as well as Bluebeam Construction Software, Trimble Business Center, Captivate, and CAD.

**West Esplanade Avenue U-Turn at Bonnabel Canal, Metairie, Jefferson Parish, LA.** BFM provided topographic and right-of-way (R/W) surveying services for the project located in Metairie. The scope of services included establishing a baseline, two Temporary Benchmarks (TBM), and spot elevations. BFM also located property corners to establish the rights-of-way and property ownership. The survey located existing improvements, utilities, and pipes (drainage, water, sewerage). Project deliverables included physical & digital files as well as a Three-Point Tie Worksheet. (\$11,310 (fee); 2024)

**Lift Stations F6-11 & G6-4, Jefferson Parish, LA.** BFM provided Topographic & Right-of-Way Surveying; scope included establishing a baseline, taking spot elevations (25 ft intervals), location of existing improvements and natural elements as well as utilities (above- and below-ground) and piping (drainage, sewerage, and water structures). BFM also located property corners to establish the rights-of-way and property ownership for the two sites. Project deliverables included prints, high-resolution PDF, Three-Point Tie Worksheet, and AutoCAD drawing files. A Construction Benchmark Certificate was provided for each site. (\$17,860 (fee); 2024)

**Bonnabel Canal Right-Of-Way Survey, Jefferson Parish, LA.** BFM was selected to provide Right-of-Way Surveying services for the project area along a portion of the Bonnabel Canal; the survey established the easterly & westerly right-of-way for Bonnabel Canal in relation to the properties along the east of the canal (Bonnabel Place Subdivision) and the westerly side of the canal (Beverly Garden Extension). Scope included providing an abstract to trace the chain of title (including any known or recorded servitudes), and locating property corners and the top of bank along the east and west of Bonnabel Canal to show it in relation to the rights-of-way/servitude. Project deliverables included a Signed & Sealed Survey Plat and high-resolution PDF. (\$47,680 (fee); 2024)

## TEC Professional Services Questionnaire

- L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this project. Please include and all work performed for Jefferson Parish. Please attach additional pages if necessary.**

### PROJECT NO. 1

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Marerro 911 Center</b>, Marrero, Jefferson Parish, Louisiana</p> <p><b>Meyer Engineers, Ltd.</b> 4937 Hearst Street, Suite 1B Metairie LA 70001</p> <p><b>Elena G. Anderson</b>, 504-885-9892 eanderson@meyer-e-l.com</p>	<p>BFM provided topographic surveying services for the project, located at 5698 Belle Terre Road. Scope included establishing two Temporary Benchmarks, location of property corners, and plotting location of improvements and utilities &amp; piping (drainage, sewerage, water). BFM further measured the interior of the building to define walls and obtained the slab elevations of any depressed slabs found in the building. Cross sections were taken, and a FEMA Elevation Certificate was set for the existing building on site. Project deliverables included an indelible print and a high-resolution PDF of same. A Construction Benchmark Certificate was issued. AutoCAD drawing files were provided in DWG format.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
June 2017	N/A	\$8,793 (fee)

### PROJECT NO. 2

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Rudolph Matas Elementary School HVAC Renovation Project</b>, Metairie, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish Public Schools Facilities Department</b> 4600 River Road Marrero LA 70072</p> <p><b>Douglas L. Stream</b>; 504-799-5577 douglas.stream@jpschools.org</p>	<p>BFM provided site-specific topographic surveying services for the project; this included obtaining the finished floor elevation of buildings within the Limits of Survey. Spot elevations were also taken. Other services included establishing two Construction Benchmarks (one near each site being surveyed), location of existing improvements, location of utilities (sewer, drainage, water), taking spot elevations, and locating and identifying trees on the project site. Project deliverables included a detailed indelible print and high-resolution PDF, AutoCAD drawing files, and the physical Construction Benchmark Certificates for the project.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2020	N/A	\$9,290 (fee)



## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Jefferson Parish Department of Public Works (DPW) Maintenance Building</b> , Jefferson Parish, Louisiana  <b>CDW Services, LLC</b> 721 Papworth Ave Ste 101 Metairie LA 70005  <b>Kevin Myles</b> , 504-828-2061 kmyles@cdwservices.com	BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey. Deliverables included an indelible print, high resolution PDF, and AutoCAD drawings.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2020	N/A	\$4,450 (fee)

<b>PROJECT NO. 4</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System</b> , Jefferson Parish, Louisiana  <b>VergesRome Architects</b> 320 N Carrollton Avenue, Suite 100 New Orleans LA 70119  <b>Chip Verges</b> , 504-858-2514 chip@vergesrome.com	BFM Corporation was selected by the Jefferson Parish Public School System (JPPSS) to provide surveying services (over several contracts) to prepare FEMA Elevation Certificates for multiple school campus locations throughout the Parish. For this contract, BFM Corporation provided surveying services for a final FEMA Elevation Certificates for ten buildings located on the Fisher Middle-High School Campus in Marrero; part of a larger project involving Hurricane Ida Mitigation & Repairs. The project's field services extended from January 8, 2024 to January 22, 2024; deliverables included FEMA Elevation Certificates for each structure as requested.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2024	N/A	\$3,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Bonnabel High School Boundary and Topographic Survey with FEMA Elevation Certificates</b>, Kenner, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish Schools</b> 4600 River Road, 1st Floor Marrero LA 70072</p> <p><b>David P. Gilmore</b>, 504-349-8595 david.gilmore@jpschools.org</p>	<p>BFM was contracted to provide Boundary &amp; Topographic Surveying services at the project site on Bruin Drive in Kenner, LA. The project included a full boundary survey and provision of a Construction Benchmark Certificate (CBM) and two Temporary Benchmarks (TBMs), and location of property corners, existing buildings, and utilities. Further, the survey project work included obtaining Finished Floor Elevations at the entrance of each building. BFM prepared a FEMA Elevation Certificate for each building as well. Deliverables included the CBM, FEMA Elevation Certificate (for each building), and AutoCAD DWG files.</p>	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
June 2022	N/A	\$21,820 (fee)

<b>PROJECT NO. 6</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Parc Des Familles Visitor Center (Proposed Location Survey)</b>, Jefferson Parish, Louisiana</p> <p><b>Meyer Engineers Ltd.</b> 4937 Hearst Avenue, Suite B Metairie LA 70001</p> <p><b>Raymond J. Brown</b>, 504-885-9892 rbrown@meyer-e-l.com</p>	<p>BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included.</p>	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
December 2018	N/A	\$16,590 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Rivarde Maintenance Facility,</b> Jefferson Parish, Louisiana  <b>Burgdahl &amp; Graves Architects</b> 2550 Belle Chasse Hwy Ste130 Gretna LA 70053  <b>Russell I. Burgdahl,</b> 504-366-4433 rburgdahl@burgdahlgraves.com	BFM provided boundary and topographic surveying services for the Rivard Maintenance Facility project, located at 1651 Manhattan Boulevard in Harvey. Scope included establishing a baseline parallel to Manhattan Boulevard; setting temporary benchmarks (TBMs) & construction benchmarks (CBMs) on or near the site; establishing cross sections on a 25 ft grid; FF elevations of all buildings. Product to be drawn so that a single R/W (right-of-way) is parallel to at least 1 edge of the sheet.	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
November 2018	N/A	\$6,890 (fee)

<b>PROJECT NO. 8</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Fire Station 18,</b> Metairie, Jefferson Parish, Louisiana  <b>N-Y Associates, Inc.</b> 2750 Lake Villa Drive Metairie LA 70002  <b>Michael G. Buisson, Jr.,</b> 504-261-4755 mbuisson@n-yassociates.com	BFM provided topographic surveying services for the project; the survey built upon a previous BFM survey executed at the same location. Scope included locating existing utilities on the property and along the adjacent side of Melvil Dewey Drive. The survey determined the depth, size, and type of pipes within surface observable drainage, sewerage, and water structures as established above. Spot elevations were taken at 50 ft. intervals within the Limits of Survey which consist of the property, extending to the adjacent side of Melvil Dewey Drive. Project deliverables included a Plan Only Survey Plat and a high-resolution PDF of same.	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
August 2023	N/A	\$5,940 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Site Specific Topographic Surveys for Multiple School Locations</b> , Jefferson Parish, Louisiana  <b>Jefferson Parish Schools Facilities Department</b> 4600 River Road Marrero LA 70072  <b>Steve Faust</b> , 504-349-8595 steve.faust@jppss.k12.la.us	BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. The scope of services included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate.	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
June 2020	N/A	\$47,461 (fee)

<b>PROJECT NO. 10</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Clancy-Maggiore Elementary School for the Arts Survey</b> , Kenner, Jefferson Parish, Louisiana  <b>Jefferson Parish Schools Facilities Department</b> 4600 River Road Marrero LA 70072  <b>David Taylor</b> , 504-349-8595 david.taylor@jpschools.org	BFM provided boundary surveying services for the project, located at 2100 Maine Avenue in Kenner. The scope of services focused on improvements to the site. BFM researched all title data, established a closed traverse around the site, and set a TBM. Elevations were taken across the project site. Spot elevations were plotted, as well as the location of all improvements and topographic features. Utilities were located as were piping and trees/brush of a certain caliper. Deliverables included hardcopy and AutoCAD DWG format files. A later update to the project included a Form Board Certificate (FBC).	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
September 2017	N/A	\$19,940 (fee)



## TEC Professional Services Questionnaire

**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.**

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.	<div>BFM Corporation is not currently, nor has it previously been involved, in litigation with Jefferson Parish.</div>	
2.		
3.		
4.		

**N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.**

# BFM CORPORATION, LLC

Professional Land & Hydrographic Surveying

### CRITERIA 1 | PROFESSIONAL TRAINING AND EXPERIENCE

Established in 1982, **BFM Corporation, LLC, Professional Land & Hydrographic Surveying**, provides services to public & private concerns throughout Louisiana and the Gulf South. For over 40 years, BFM has provided surveying services covering all facets of engineering, construction, and forensics; topographic, and hydrographic, as well as drone-based surveying and high-definition laser scanning.

**BFM Corporation is a majority Woman-Owned Business Enterprise (WBE) as well as a Hudson Initiative certified Small & Emerging Business and Small Entrepreneurship in Louisiana.**

Our capabilities include the following and more:

- Topographic Surveying
- Drone Surveying
- Photogrammic & LiDAR and 3D Laser Scanning
- Bathymetric / Hydrographic Surveys
- Property, Boundary, and Right-of-Way Surveys
- Maps, Cross-Sections, & Data Sets; Benchmarks

## TEC Professional Services Questionnaire

N. continued.

- Construction-Related Surveying and Builder's Package Surveys
- American Land Title Association (ALTA) Surveys

BFM's project work routinely involves **extensive records and related research** as an element of successful completion, as well as coordination with the client, agency or department. BFM has the personnel to make sure this is done correctly and expeditiously.

Our **Survey Field Crews** are equipped with Leica Viva and Leica Captivate Data Collectors, as well as Leica GPS Smart Antennas. Each GPS unit is linked to the Leica SmartNet Network, giving each crew the ability for Real Time Kinematic Positioning (RTK), derived from the Global Navigation Satellite System (GNSS). Furthermore, each crew is outfitted with Leica TS series robotic total stations, simplifying and expediting projects. BFM can also use in-house drones and 3D scanners to further analyze sites and projects. BFM's crews are trained to use this equipment to its full potential to maximize accuracy and efficiency in the field.

BFM offers **Drone Surveying Services**, featuring a DJI Matrice 600 Pro drone outfitted with a Sony A7R3 42-megapixel camera, Pixhawk Triggering System, VMAP PPK system, and an A3 Pro Flight Controller. It can capture 50 acres of land allowing BFM to quickly & accurately capture data and facilitates quicker field work to produce highly accurate and precise surveying information. Deliverables feature Clean Point Cloud, 3D Mesh, Orthomosaic, and AutoCAD DWG Topographic.

BFM's **3D modeling capabilities** allow us to process & model for any design purpose. High-definition scanner data is processed using software from Leica and Autodesk. BFM is working on non-traditional survey deliverables, including virtual tours, live walkthroughs, detailed pipe rack modeling, and modeling for use with Autodesk Revit Architecture.

When needed, BFM provides **bathymetric surveying** to handle **any hydrographic surveying tasks**. For large rivers and bodies of water, we are equipped with Teledyne Odom Hydro Solutions' Hydro Trac Single Beam Echo Sounder. For smaller bodies of water, BFM uses an SL20 Remote Controlled Boat equipped with CEE Scope Dual Channel Echo Sounder. We use Hypack Software to process collected data. Further, BFM can execute multi-beam scans, side scans and magnetometer surveys upon request.

**Please refer to our projects included in Item L and in our personnel listings in Item K for specific type project examples and an overview of our surveying experience with this project type.**

### CRITERIA 2 | SIZE OF FIRM

As noted, BFM has the manpower and equipment to execute any surveying task within the reasonable time set forth by the contract or project engineer. BFM has no issue with meeting the project deadlines set forth by our clients, both municipal and private. It is our continual goal to keep this reputation solid. Further, we establish base costs and fees for our services, and work with our clients to meet all project budgets.

## TEC Professional Services Questionnaire

N. continued.

As noted in **item E** of this form, BFM currently has a **full-time staff of nearly two dozen people**, including **two Registered Professional Land Surveyors, Survey Field Crew Personnel**, and **AutoCAD drafting personnel**, as well as **complete administrative and support staff**.

### CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION

BFM has the manpower and equipment to execute any surveying task within the reasonable time set forth by a contract or project engineer. It is our goal to keep this reputation solid. We establish base costs and fees for our services, and work with our clients to meet all project budgets. Our workload and scheduling, and proximity to the project site, will allow for quick assignment of personnel to any directed project.

BFM Corporation's **Ralph P. Fontcuberta, Jr., PLS**, Executive Vice President, is a **Louisiana-Registered Professional Land Surveyor (since 1974)** and meets or exceeds any minimum requirements for any surveying project. He has been **providing surveying services in Louisiana for over 50 years** and brings an almost incalculable wealth of experience in the region to any project, especially in Southeast Louisiana.

**Chad M. Poché, P.E.**, Executive Vice President, brings **more than 25 years of experience** to assist in completing projects on time and within budget. He has been a consulting geotechnical engineer for more than 20 years in South Louisiana and has been the geotechnical engineer of record for thousands of projects.

**Gary J. Lambert, Jr., PLS**, Vice President is a **registered Professional Land Surveyor** and provides Project Management & Drafting Oversight and is the first point of contact for clients on technical matters. He meets with engineering, architectural, and government officials to discuss various project needs.

Our personnel included **multiple survey crews** and a **fully-staffed drafting department** to handle any project needs; they are thoroughly trained and extensively familiar with the region and needs of various types of surveying projects.

### CRITERIA 4 | PAST PERFORMANCE ON PARISH CONTRACTS

BFM Corporation has provided **surveying services in Jefferson Parish since 1982**, both **directly to Parish agencies and as a consultant to firms serving the Parish**. The firm has executed many hundreds of projects in the Parish, including both direct Parish projects and State agency projects (CPRA, Louisiana DOTD, etc.), not to mention the scores of surveying projects for private individuals and industry.

As noted, Mr. Fontcuberta has **over half a century of professional land surveying experience**, including over 40 years with BFM. **He has provided professional surveying services for thousands of projects for and throughout Jefferson Parish.**

## TEC Professional Services Questionnaire

N. continued.

### CRITERIA 5 | LOCATION OF THE PRINCIPAL OFFICE

**BFM has called Jefferson Parish home office location since the firm's inception in 1982;** our principal office is located in Jefferson Parish at 15 Veterans Memorial Boulevard in Kenner.

### CRITERIA 6 | LEGAL STATEMENT

BFM Corporation is **not involved in litigation with Jefferson Parish** nor with any of our clients, as is noted in Item M of this form.

### CRITERIA 7 | PRIOR SUCCESSFUL COMPLETION OF PROJECTS

For over 40 years, BFM Corporation has completed thousands of projects throughout Jefferson Parish and Southeast Louisiana, both to municipal and various private clients, similar to the project at hand, not to mention other drainage projects in a wide range of sizes, from small lot to Parish-wide endeavors. **Multiple examples of this work are included throughout this form in both the Personnel Résumés section (Item K) and Representative Project Work (Item L).** Further, BFM has worked with virtually every municipality in the region. We enjoy a high repeat-business rate with all our clients. We offer the following specific references for contact:

**Mark R. Drewes, P.E., Director, Jefferson Parish Public Works Department**  
(504-736-6783 | JPPW@jeffparish.net)

**Neil Schneider, CCM, P.E., Director, Capital Projects, Jefferson Parish Public Works Dept.**  
(504-736-6783 | JPPW@jeffparish.net)

**José A. Gonzales, CAO, City of Kenner**  
(504-468-4090 | jgonzalez@kenner.la.us)

**Angela DeSoto, P.E., Director of Engineering, Jefferson Parish**  
(504-736-6511 | ADeSoto@jeffparish.net)

**Sid Trouard, P.E., Program Manager, Jefferson Parish Sewerage Capital Improvement Program**  
(504-736-6386 | STrouard@jeffparish.net)

**Ben Lapine, Acting Director, Department of Drainage, Jefferson Parish**  
(504-736-6661 | JPSewerage@jeffparish.net)

Our professional work history is exemplary. We strive to provide on-time and technically thorough project deliverables at the budget set by our clients.

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature: \_\_\_\_\_

Print Name: Chad M. Poché, P.E.

Title: Executive Vice President

Date: September 4, 2024



The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

**Name:** **Public Address:**

BFM Corporation, LLC  
15 Veterans Memorial Boulevard  
Kenner, Louisiana 70062

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000008	Active	09/11/1984	09/30/2025	Mr. Ralph P. Fontcuberta Jr. # PLS.0004329



**LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)**  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. Ralph P. Fontcuberta Jr.**


License/Certificate Type - Number	Expiration Date
<b>PLS.0004329</b>	<b>09/30/2026</b>
<b>Status: Active</b>	



**LOUISIANA PROFESSIONAL  
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(LAPELS)**  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. Chad Mitchell Poche**


License/Certificate Type - Number	Expiration Date
<b>PE.0027667</b>	<b>09/30/2026</b>
<b>Status: Active</b>	



**LOUISIANA PROFESSIONAL  
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(LAPELS)**  
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Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. Gary James Lambert Jr.**

License/Certificate Type - Number	Expiration Date
<b>PLS.0005259</b>	<b>03/31/2026</b>
<b>Status: Active</b>	



**LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)**  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. William Mead Farber**

License/Certificate Type - Number	Expiration Date
<b>EI.0033903</b>	<b>03/31/2025</b>
<b>Status: Active</b>	



Division of Small and Emerging Business Development  
**SEBD CERTIFICATION**

## BFM CORPORATION, LLC

is hereby certified as a Small and Emerging Business Enterprise.

This certification is valid beginning 7/19/2019 and supersedes any registration or listing previously issued. At any time there is a change in ownership or control of the firm, notification must be made immediately to the Division of Small and Emerging Business Development.

Issued at Baton Rouge, Louisiana 7/19/2019

This certification expires on: 7/19/2029

Certification No. 9551

John W. Matthews, Jr.,  
Executive Director, Entrepreneurial Services



**DIVISION OF SMALL BUSINESS SERVICES**

This certification acknowledges that

## BFM CORPORATION, LLC

is Certified-Active as a Small Entrepreneurship with  
Louisiana Economic Development's Hudson Initiative.

This certification is valid from 9/3/2024 to 9/3/2025 .

Certification No. 9551

Stephanie Hartman,  
Director, Entrepreneurial Services

# **E. GULF SOUTH ENGINEERING & TESTING, INC.**

**Subconsultant: Geotechnical Engineering**

- **TEC Professional Service Questionnaire**



## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

Professional Architectural and Engineering Services related to the  
Design and Construction Administration of

# Rheem Facility Renovations

**SOQ 24-031 | Resolution No. 144735**

**B. Firm Name & Address:**



**Gulf South Engineering and Testing, Inc.**  
15 Veterans Memorial Boulevard | Kenner LA 70062

**C. Name, title, and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:**

**Chad M. Poché, P.E., Executive Vice President**

504-305-4401 | 504-460-5239 cell | cpoche@gulfsoutheng.com

Registered Professional Civil Engineer (Louisiana No. 27667; since 1998)

**D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline:**

**Chad M. Poché, P.E., Executive Vice President**

504-305-4401 | 504-460-5239 cell | cpoche@gulfsoutheng.com

Registered Professional Civil Engineer (Louisiana No. 27667; since 1998)

**E. Please provide the number of employees whose primary function corresponds with each category:**

7	Administrative		Estimators		Specification Writers
	Architects (Licensed)		Geologists		Structural Engineers
	Chemical Engineers	2	Geotechnical Engineers		Graduate Engineers
	Civil Engineers		Interior Designers	1	Project Managers
10	Construction Inspectors		Landscape Architects		Clerical ( <i>see Administrative</i> )
	Ecologists		Land Surveyor ( <i>Apprentice</i> )		Grant/Funding Specialist
	Electrical Engineers		Mechanical Engineers		Sanitary Engineers
	Engineer Intern		Environmental Engineers	1	CMT Supervisor
1	Professional Land Surveyors			1	Construction Svcs Manager
				4	Laboratory Personnel
				3	Soil Boring Personnel
				<b>30</b>	<b>TOTAL</b>

**F. Is this submittal by a JOINT-VENTURE? Please check: YES \_\_\_\_\_ NO X**

If marked "no", skip to Section I. If marked "yes", complete Sections G-H.



## TEC Professional Services Questionnaire

<b>G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.</b>		
1. N/A		
2.		
<b>H. Has this JOINT-VENTURE previously worked together? Please check:</b> YES_____ NO_____ N/A		
<b>I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.</b>		
Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A		
2.		
3.		
<b>J. Please specify the total number of support personnel that may assist in the completion of the Project:</b> 30 (all personnel will be available for assignment to the project)		

## TEC Professional Services Questionnaire

- K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e., résumé) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.**

### PROFESSIONAL IN CHARGE OF PROJECT:

**Name & Title:**

**Chad M. Poché, P.E.**

Executive Vice President / Registered Professional Geotechnical Engineer

**Project Assignment:**

Geotechnical Engineer / Principal In Charge

**Name of Firm with which associated:**



**ENGINEERING AND TESTING, INC.**  
Geotechnical & Materials Consultants

**Years' experience with this Firm:**

13 years (founded Gulf South in 2011);  
31 years total (1993)

*BFM Corporation, LLC | 2017 to present*  
*Gulf South Engineering and Testing, Inc. | 2011 to present*  
*Ardaman and Associates, Inc. | 2007 to 2011*  
*Eustis Engineering | 1996 to 2001*  
*Soil Testing Engineers, Inc. | 1993 to 1996*

**Education: Degree(s)/Year/Specialization:**

M.S., 1998, Civil Engineering, University of New Orleans  
B.S., 1993, Civil Engineering, Louisiana State University

**Active Registration: Year first registered/discipline:**

1998, Civil Engineer (Louisiana No. 27667)  
2002, Civil Engineer (Mississippi No. 15405)

**Other experience and qualifications relevant to the proposed Project:**

Chad M. Poché, P.E., is Executive Vice President, co-founder, and a Principal in Gulf South. He has been a consulting geotechnical engineer for nearly 30 years in South Louisiana, working on traditional and unique geotechnical engineering projects (shallow and deep foundation design, slope stability, pavement design, etc.). Mr. Poché has also provided construction oversight for virtually every type of earthwork related project. He has been the geotechnical engineer of record for thousands of projects throughout his career.

Mr. Poché's experience includes the development of appropriate scopes of work and proposals for a broad range of projects; planning and coordinating analyses; preparing technical reports; foundation and geotechnical engineering design; construction recommendations; Miss. River facility permitting; managing personnel and office operations and serving as an Expert Witness.

## TEC Professional Services Questionnaire

Other experience and qualifications: **Chad M. Poché, P.E. (continued)**

Mr. Poché has logged soil borings; overseen the installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); performed CMT field testing and inspection; and performed laboratory testing.

**Geotechnical Exploration Report for New Fire Station 18, Metairie, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the construction of a new first station facility (Fire Station No. 18) (with associated parking and driveways) at 3222 Melville Dewey drive in Metairie, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Scope included drilling three undisturbed soil borings to depths of 70 feet and 8 feet below the pavement surface. Soil testing consisted of natural moisture content, unit weight, Atterberg limits, and unconfined strength testing. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$8,500 (fee); 2023)


**East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. (\$16,000 (fee); 2024)

**New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, LA.** The project consists of construction of a new two-story building and parking lot at the project site located at the corner of Airline Drive and David Drive. Gulf South's scope of work included drilling a total of six undisturbed soil borings (four at 8 ft and two at 80 ft) and performing laboratory testing and geotechnical engineering analyses. This included allowable pile load capacities, estimates of settlement, flexible and rigid paving design recommendations, seismic class determination, and general construction procedures and recommendations. (\$14,500 (fee); 2022)

**Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Department, Bridge City, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$6,000 (fee); 2020)

**Harvey Volunteer Fire Department New Truck Maintenance Facility (Rochelle Avenue), Harvey, Jefferson Parish, LA.** Gulf South provided geotechnical engineering services for the construction of a new truck maintenance facility for the Harvey Volunteer Fire Department on Rochelle Avenue in Harvey, LA. The scope of services includes drilling six undisturbed soil borings (depths of 60 feet and 6 feet below ground surface), laboratory testing, engineering analyses (foundation, paving, fill, and surcharge recommendations) and general construction procedures and recommendations. (\$9,500 (fee); 2021)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Bryson S. Beard, P.E., ACI</b> Associate Geotechnical Engineer/Field Engineer	
<b>Project Assignment:</b>	
Associate Geotechnical Engineer/Field Engineer	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
2 years (joined Gulf South in 2022); 3 years total (2021)	<i>Gulf South Engineering and Testing, Inc.   2022 to present</i> <i>TetraTech, Inc.   2021 to 2022</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
B.S., Geological Engineering (2021; University of Mississippi)	
<b>Active Registration: Year first registered/discipline:</b>	
Louisiana P.E. License Passed October 2023 Georgia, Engineering Intern (No. EIT029180, 2022)	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Bryson S. Beard, P.E., is an Associate Geotechnical Engineer/Field Engineer who serves as a Project Manager. He has performed geotechnical engineering analyses consisting of shallow and deep foundations, slope stability, TRS and sheetpile wall design, settlement, pavement design, etc., and has prepared engineering reports. Mr. Beard's experience in the field includes surface and subsurface soil sampling, water sampling, and soil classification. His work experience further includes core logging and oversight of groundwater monitoring well installations, piezometers, and inclinometers. He has been responsible for the preparation of reports and Facility Response Plans. He is experienced with laboratory sample preparation and testing as well as air sampling and soil gas sampling.</p> <p><b>Mr. Bryson recently passed his Louisiana Professional Engineering test and will be a noted P.E. for the State of Louisiana once he fulfills the apprenticeship requirements set forth by LAPELS.</b></p> <p><b>Fisher Temporary Campus (FEMA Project), Lafitte, Jefferson Parish, LA.</b> Geotechnical engineering services for the installation of modular buildings at Fisher High School in Lafitte, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses, foundation recommendations (bearing values, settlement, etc.), and general construction procedures and recommendations. (\$4,500 (fee); 2022)</p>	

## **TEC Professional Services Questionnaire**

Other experience and qualifications: **Bryson S. Beard, P.E., ACI (continued)**

**Geotechnical Exploration Report for New Fire Station 18, Metairie, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the construction of a new first station facility (Fire Station No. 18) (with associated parking and driveways) at 3222 Melville Dewey drive in Metairie, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Scope included drilling three undisturbed soil borings to depths of 70 feet and 8 feet below the pavement surface. Soil testing consisted of natural moisture content, unit weight, Atterberg limits, and unconfined strength testing. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$8,500 (fee); 2023)

**Bucktown Birdsnest Learning Pavilion, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, pile inspection and modeling, static pile load testing, and vibration monitoring. (\$2,000 (fee); 2024)

**Charity Hospital Building Redevelopment Project, New Orleans, LA.** Gulf South is providing all construction materials and environmental testing for the project, which involved the complete renovation of the Charity Hospital Building (more than 1 million sf) in New Orleans, Louisiana. Inspection and testing consisted of soil borings, laboratory testing, asbestos abatement, concrete testing, mortar testing, steel coupon testing, concrete coring, and building envelope testing. The project is valued at \$500 million. (\$200,000 (est. fee); ongoing)

**New Elevated Storage, Eden Isles Subdivision, Slidell, St. Tammany Parish, LA.** Geotechnical engineering services for the construction of a new elevated storage building for wet well and GAC filter units off Marina Drive in Slidell, LA. Gulf South's scope includes drilling two undisturbed soil borings to depths of 20 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$3,500 (fee); 2022)

**St. Amant Primary School (New Building), Gonzales, Ascension Parish, LA.** Geotechnical engineering services related to the construction of a new building (approx. 5,000 sf) at the existing St. Amant Primary campus in Gonzales, LA. Gulf South's scope of services included drilling two undisturbed soil borings, each to a depth of 20 feet below the ground surface. Geotechnical laboratory testing included Strength tests (unconfined and/ or triaxial) and classification tests (Atterberg Limits and/ or particle size), as well as other tests as appropriate. Engineering recommendations and analyses included allowable soil bearing values, allowable shaft load capacities, estimates of settlement, and general construction procedures and recommendations. (\$4,500 (fee); 2023)

**Public Safety Building at Southern University, East Baton Rouge Parish, LA.** Gulf South's scope included drilling four soil borings to depths of 24 feet below ground surface and laboratory testing with laboratory testing. The analysis and Geotechnical Exploration Report included providing allowable soil bearing values, estimates of settlement, pile load capacities, and general construction procedures and recommendations. (\$9,625 (fee); 2023)



## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Joseph H. "Trey" Binder, III, ACI</b> Laboratory Manager	
<b>Project Assignment:</b>	
Laboratory Manager; Laboratory Technician	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
13 years (joined Gulf South in 2011); 13 years total (2011)	<i>Gulf South Engineering and Testing, Inc.   2011 to present</i> <i>Ardaman and Associates, Inc.   2007 to 2011</i> <i>Soil Testing Engineers, Inc.   2006 to 2007</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
A.D., General Studies (2006; Nunez Community College)	
<b>Active Registration: Year first registered/discipline:</b>	
HAZMAT Awareness HAZMAT Operations Training ACI Aggregate Base Testing Technician ACI Concrete Strength Testing Technician	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Trey Binder has direct experience with field and laboratory testing services. Mr. Binder's field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, vibration monitoring, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring. In the laboratory, Mr. Binder has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, Atterberg limits, organic content tests, moisture and density tests, Proctor compaction tests, sieve analyses, and sample extrusion.</p> <p><b>Harvey Volunteer Fire Department New Truck Maintenance Facility (Rochelle Avenue), Harvey, Jefferson Parish, LA.</b> Gulf South provided geotechnical engineering services for the construction of a new truck maintenance facility for the Harvey Volunteer Fire Department on Rochelle Avenue in Harvey, LA. The scope of services includes drilling six undisturbed soil borings (depths of 60 feet and 6 feet below ground surface), laboratory testing, engineering analyses (foundation, paving, fill, and surcharge recommendations) and general construction procedures and recommendations. (\$9,500 (fee); 2021)</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **Joseph H. "Trey" Binder, III, ACI (continued)**

**New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, LA.** The project consists of construction of a new two-story building and parking lot at the project site located at the corner of Airline Drive and David Drive. Gulf South's scope of work included drilling a total of six undisturbed soil borings (four at 8 ft and two at 80 ft) and performing laboratory testing and geotechnical engineering analyses. This included allowable pile load capacities, estimates of settlement, flexible and rigid paving design recommendations, seismic class determination, and general construction procedures and recommendations. (\$14,500 (fee); 2022)

**New Library Building (US90 & Avondale Garden Road), Avondale, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a new public building at the northwest corner land parcels (Square 6, Lots No, 1 through 5) at the intersection of US Highway 90 and Avondale Garden Road in Avondale, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 and 6 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$4,100 (fee); 2020)

**Athlos Academy Portable Project, Terrytown, Jefferson Parish, LA.** Provided field testing services for the project. Gulf South's scope of work includes soil density tests, concrete inspection and testing, vibration monitoring, and earthwork testing. (\$15,798 (fee); 2020)

**Jefferson Parish Fire Fleet Maintenance Facility - New Paved Areas, Jefferson Parish, LA.** Geotechnical engineering services for the construction of new paved areas for fire trucks at the Jefferson Parish Fleet Maintenance facility at 4901 Jefferson Highway in Jefferson. Scope includes drilling four undisturbed soil borings (b.g.s.; four at 8 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$2,800 (fee); 2019)


**Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Department, Bridge City, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$6,000 (fee); 2020)

**Johnny Bright Playground Gymnasium HVAC Installation, Metairie, Jefferson Parish, LA.** Geotechnical investigation for a new HVAC unit and handicap ramp at Johnny Bright playground in Metairie, LA. Scope of services consisted of drilling a soil boring to 50 feet in depth, laboratory testing, and providing allowable soil bearing values and estimates of settlement. (\$4,500 (fee); 2013)

**Kennedy Heights Playground - Gymnasium HVAC Renovation, Jefferson Parish Recreation Department, Avondale, Jefferson Parish, LA.** Geotechnical investigation for a new HVAC platform at Kennedy Heights Playground in Avondale, LA. The investigation includes drilling 1 boring to 60 ft. below the ground surface; laboratory testing; and engineering analyses consisting of soil bearing values, pile load capacities, and settlement. (\$3,900 (fee); 2012)

**Police Headquarters - New Addition, City of Gretna Police Department, Jefferson Parish, LA.** New addition to existing building at Gretna Police Headquarters. Drill one boring to 100 feet, perform lab testing and geotechnical engineering analyses consisting of allowable pile load capacities, estimates of settlement, and construction recommendations. (\$3,200 (fee); 2011)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Ian Kerner Poché, ACI</b> Assistant Laboratory Supervisor	
<b>Project Assignment:</b>	
Assistant Laboratory Supervisor	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
<div style="display: flex; justify-content: space-between;"> <span>7 years (joined Gulf South in 2017); 7 years total (2017)</span> <span><i>Gulf South Engineering and Testing, Inc.   2017 to present</i></span> </div>	
<b>Education: Degree(s)/Year/Specialization:</b>	
High School Diploma	
<b>Active Registration: Year first registered/discipline:</b>	
ACI Concrete Field Testing Technician - Grade 1 (exp 2028 03) ACI Aggregate Testing Technician - Level 1 (exp 2029 02 27)	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Ian Poché has worked in Gulf South's laboratory for several years and has experience with virtually every type of soil test. He has also helped when needed in the CMT department and has concrete testing experience, and is an ACI-certified Concrete Field Testing Technician.</p> <p><b>New Building and Paved Areas, Jefferson Parish Transit Facility, Jefferson Parish, LA.</b> Gulf South provided geotechnical engineering services for the construction of a new two-story (7,300 sf) building located at 1118 David Drive in Kenner, LA. Field investigation included drilling four undisturbed soil borings (depths below the ground surface of 60 ft for the new building and 10 feet for the new paved area) and sampled on 5 foot centers. Laboratory testing included strength tests, classification tests, with other testing as appropriate. Geotechnical engineering evaluation characterized the subsoil conditions of the site and developed engineering recommendations and analyses (allowable soil bearing values, allowable pile load capacities, estimate of settlement, pavement design, and general construction procedures and recommendations. (\$8,900 (fee); 2020)</p> <p><b>Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Department, Bridge City, Jefferson Parish, LA.</b> Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$6,000 (fee); 2020)</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **Ian Kerner Poché, ACI (continued)**

**East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. (\$16,000 (fee); 2024)

**Geotechnical Exploration Report for New Office Building and Paved Areas, Gonzales, Ascension Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for planned new office building and adjacent parking areas (approx. 83,000 sf) at the project site off Highway 44 in Gonzales, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Scope included drilling 13 undisturbed soil borings to depths of 40 feet, 20 feet, and 6 feet below the ground surface. Soil testing included natural moisture content, unit weight, Atterberg limits, and unconfined compression strength testing. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$13,500 (fee); 2023)

**Public Safety Building at Southern University, East Baton Rouge Parish, LA.** Gulf South's scope included drilling four soil borings to depths of 24 feet below ground surface and laboratory testing with laboratory testing. The analysis and Geotechnical Exploration Report included providing allowable soil bearing values, estimates of settlement, pile load capacities, and general construction procedures and recommendations. (\$9,625 (fee); 2023)

**Storage Shed at Public Operations - Geotechnical Engineering Report, City of Slidell, LA.** Gulf South prepared a Geotechnical Engineering Report for the project site (construction of a new storage facility (approx. 6,400 sf) with paved parking and driveways) in Slidell, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Gulf South drilled three undisturbed soil borings to depth of 40 ft. and 20 ft. below the ground surface. Soil testing consisted of natural moisture content, unit weight, Atterberg limits, and unconfined compression strength testing. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$6,500 (fee); 2023)

**St. Amant Primary School (New Building), Gonzales, Ascension Parish, LA.** Geotechnical engineering services related to the construction of a new building (approx. 5,000 sf) at the existing St. Amant Primary campus in Gonzales, LA. Gulf South's scope of services included drilling two undisturbed soil borings, each to a depth of 20 feet below the ground surface. Geotechnical laboratory testing included Strength tests (unconfined and/ or triaxial) and classification tests (Atterberg Limits and/ or particle size), as well as other tests as appropriate. Engineering recommendations and analyses included allowable soil bearing values, allowable shaft load capacities, estimates of settlement, and general construction procedures and recommendations. (\$4,500 (fee); 2023)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Tyler W. Pregeant, ACI</b> Engineering Technician; CMT/Laboratory Technician	
<b>Project Assignment:</b>	
Engineering Technician; CMT/Laboratory Technician	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
5 years (joined Gulf South in 2019); <span style="float: right;">Gulf South Engineering and Testing, Inc.   2019 to present</span> 7 years total (2017)	
<b>Education: Degree(s)/Year/Specialization:</b>	
High School Diploma Currently attending UNO in Civil Engineering Program	
<b>Active Registration: Year first registered/discipline:</b>	
ACI Concrete Field Testing Technician - Grade I (02206931)	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Tyler Pregeant, ACI, serves as an engineering technician with the soil boring drill crew, within the soils' laboratory, and on construction projects as needed. His duties and responsibilities have included leading a drill crew, staking boring sites, supervising clearing contractors, data entry, testing soil for engineering properties of strength and classification, soil boring logging, vibration monitoring, and concrete testing and inspection. Laboratory tests performed include unconfined shear tests, moisture content tests, density tests, Atterberg limits tests, grain size sieve analyses, organic content tests and concrete strength breaks.</p> <p><b>East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. (\$16,000 (fee); 2024)</p> <p><b>Geotechnical Exploration Report for New Fire Station 18, Metairie, Jefferson Parish, LA.</b> Gulf South prepared a Geotechnical Exploration Report for the construction of a new first station facility (Fire Station No. 18) (with associated parking and driveways) at 3222 Melville Dewey drive in Metairie, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Scope included drilling three undisturbed soil borings to depths of 70 feet and 8 feet below the pavement surface. Soil testing consisted of natural moisture content, unit weight,</p>	



## TEC Professional Services Questionnaire

Other experience and qualifications: **Tyler W. Pregeant, ACI (continued)**

Atterberg limits, and unconfined strength testing. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$8,500 (fee); 2023)

**Bucktown Birdsnest Learning Pavilion, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, pile inspection and modeling, static pile load testing, and vibration monitoring. (\$2,000 (fee); 2024)

**St. John Multiplex Complex (3448 LA 18), Edgard, St. John the Baptist Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Scope of work includes pile inspection and modeling, concrete testing, soil density tests, earthwork inspection and testing, static pile load testing, and steel inspection. (\$50,000 (fee); 2024)

**Donaldsonville High School Commons Expansion, Donaldsonville, Ascension Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes soil density tests, concrete testing, steel inspection, and backfill compaction testing. (\$25,000 (fee); 2024)

**Fire Station No. 10, St. Bernard Parish, LA.** Gulf South prepared a Geotechnical Engineering Report for construction of a new 8,000 sf (approx) 3-story, 4-bay fire station facility in St. Bernard Parish. The geotechnical engineering study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop general construction procedures and recommendations for the site. (\$7,500 (fee); 2024)

**Storage Shed at Public Operations - Geotechnical Engineering Report, City of Slidell, LA.** Gulf South prepared a Geotechnical Engineering Report for the project site (construction of a new storage facility (approx. 6,400 sf) with paved parking and driveways) in Slidell, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Gulf South drilled three undisturbed soil borings to depth of 40 ft. and 20 ft. below the ground surface. Soil testing consisted of natural moisture content, unit weight, Atterberg limits, and unconfined compression strength testing. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$6,500 (fee); 2023)

**Grand Gulf Nuclear Station, Port Gibson, Claiborne County, MS.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, earthwork inspection and testing. Safety requirements and badging to enter facility were extensive. (\$50,000 (fee); 2023)

**New Modular Building at Golden Meadow Upper School, Lafourche Parish, LA.** Gulf South's scope of services included drilling two soil borings to 20 ft. below the ground surface with laboratory testing. The analysis and Geotechnical Exploration Report included providing allowable soil bearing values, estimates of settlement, and general construction procedures and recommendations. (\$3,500 (fee); 2023)

## TEC Professional Services Questionnaire

<b>L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this project. Please include and all work performed for Jefferson Parish. Please attach additional pages if necessary.</b>		
<b>PROJECT NO. 1</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Geotechnical Exploration Report for New Fire Station 18</b>, Metairie, Jefferson Parish, Louisiana</p> <p><b>N-Y Associates, Inc.</b> 2750 Lake Villa Drive Metairie LA 70002</p> <p><b>Michael G. Buisson, Jr., AIA, NCARB, LEED AP</b> 504-885-0500 mbuisson@n-yassociates.com</p>	<p>Gulf South prepared a Geotechnical Exploration Report for the construction of a new first station facility (Fire Station No. 18) (with associated parking and driveways) at 3222 Melville Dewey drive. The study included drilling soil test borings and the performance of soil mechanics lab tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Scope included drilling three undisturbed soil borings to depths of 70 feet and 8 feet below the pavement surface. Soil testing consisted of natural moisture content, unit weight, Atterberg limits, and unconfined strength testing. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking &amp; roadway surfaces.</p>	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
June 2023	<b>Entire Project:</b>  N/A	<b>Work for which Firm was Responsible:</b>  \$8,500 (fee)

<b>PROJECT NO. 2</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>East Bank Transit Operations Facility</b>, Metairie, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish Transit Department</b> 21 Westbank Expressway Gretna LA 70053</p> <p><b>Vickie Lang</b>, 504-364-3450 Vickie.Lang@jeffparish.net</p>	<p>Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing.</p>	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
April 2024	<b>Entire Project:</b>  N/A	<b>Work for which Firm was Responsible:</b>  \$16,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, Louisiana</b></p> <p><b>Sizeler Thompson Brown Architects</b> 300 Lafayette Street, Suite 200 New Orleans LA 70130</p> <p><b>Thomas M. Brown, AIA,</b> 504-523-6472 tbrown@sizeler.com</p>	<p>The project consists of construction of a new two-story building and parking lot at the project site located at the corner of Airline Drive and David Drive. Gulf South's scope of work included drilling a total of six undisturbed soil borings (four at 8 ft and two at 80 ft) and performing laboratory testing and geotechnical engineering analyses. This included allowable pile load capacities, estimates of settlement, flexible and rigid paving design recommendations, seismic class determination, and general construction procedures and recommendations.</p>	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
January 2022	N/A	\$14,500 (fee)

<b>PROJECT NO. 4</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Department, Bridge City, Jefferson Parish, Louisiana</b></p> <p><b>Meyer Engineering Ltd.</b> 4937 Hearst Street Suite B Metairie LA 70001</p> <p><b>Donovan Duffy, P.E.,</b> 504-885-9892 dduffy@meyer-e-l.com</p>	<p>Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations.</p>	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
January 2020	N/A	\$6,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Harvey Volunteer Fire Department New Truck Maintenance Facility (Rochelle Avenue),</b> Harvey, Jefferson Parish, Louisiana  <b>N-Y Associates, Inc.</b> 2750 Lake Villa Drive Metairie LA 70002  <b>Michael G. Buisson, Jr.,</b> <b>AIA, NCARB, LEED AP</b> 504-885-0500 mbuisson@n-yassociates.com	Gulf South provided geotechnical engineering services for the construction of a new truck maintenance facility for the Harvey Volunteer Fire Department on Rochelle Avenue in Harvey, LA. The scope of services includes drilling six undisturbed soil borings (depths of 60 feet and 6 feet below ground surface), laboratory testing, engineering analyses (foundation, paving, fill, and surcharge recommendations) and general construction procedures and recommendations.	
Completion Date (Actual or estimated:)	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
June 2021	N/A	\$9,500 (fee)

<b>PROJECT NO. 6</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Jefferson Parish Fire Fleet Maintenance Facility - New Paved Areas,</b> Jefferson Parish, Louisiana  <b>Linfield Hunter &amp; Junius</b> 18th Street, Suite 200 Metairie LA 70002  <b>Benjamin Noble Chadwick, AIA,</b> 504-833-5300 bchadwick@lhjunius.com	Geotechnical engineering services for the construction of new paved areas for fire trucks at the Jefferson Parish Fleet Maintenance facility at 4901 Jefferson Highway in Jefferson, LA. Gulf South's scope includes drilling four undisturbed soil borings (b.g.s.; four at 8 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated:)	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
November 2019	N/A	\$2,800 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>						
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:					
<p><b>New Building and Paved Areas, Jefferson Parish Transit Facility,</b> Jefferson Parish, Louisiana</p> <p><b>Burgdahl &amp; Graves Architects</b> 2550 Belle Chasse Hwy, Suite 130 Gretna LA 70053</p> <p><b>Russell I. Burgdahl, AIA, LLA, NCARB</b> 504-366-4433 rburgdahl@burgdahlgraves.com</p>	<p>Gulf South provided geotechnical engineering services for the construction of a new two-story (7,300 sf) building located at 1118 David Drive in Kenner, LA. Field investigation included drilling four undisturbed soil borings (depths below the ground surface of 60 ft for the new building and 10 feet for the new paved area) and sampled on 5 foot centers. Laboratory testing included strength tests, classification tests, with other testing as appropriate. Geotechnical engineering evaluation characterized the subsoil conditions of the site and developed engineering recommendations and analyses (allowable soil bearing values, allowable pile load capacities, estimate of settlement, pavement design, and general construction procedures and recommendations.</p>					
<p><b>Completion Date (Actual or estimated:)</b></p>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Entire Project:</th> <th style="width: 50%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="width: 50%; padding: 5px; text-align: center;">N/A</td> <td style="width: 50%; padding: 5px; text-align: center;">\$8,900 (fee)</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	N/A	\$8,900 (fee)
Entire Project:	Work for which Firm was Responsible:					
N/A	\$8,900 (fee)					
October 2020						

<b>PROJECT NO. 8</b>						
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:					
<p><b>Clancy-Maggiore Elementary School – New Art and Band Wing,</b> Kenner, Jefferson Parish, Louisiana</p> <p><b>Meyer Engineers, Ltd.</b> 4937 Hearst Street, Suite 1B Metairie LA 70001</p> <p><b>Mark A. Schutt, P.E.,</b> 504-885-9892 mschutt@meyer-e-l.com</p>	<p>Geotechnical investigation for a new art and band building (10,000 sf) for Clancy-Maggiore Elementary School in Kenner, LA. Gulf South's scope includes drilling two soil borings to depths of 60 feet and 40 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimate of settlement, and general construction procedures and recommendations.</p>					
<p><b>Completion Date (Actual or estimated:)</b></p>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Entire Project:</th> <th style="width: 50%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="width: 50%; padding: 5px; text-align: center;">N/A</td> <td style="width: 50%; padding: 5px; text-align: center;">\$6,000 (fee)</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	N/A	\$6,000 (fee)
Entire Project:	Work for which Firm was Responsible:					
N/A	\$6,000 (fee)					
February 2017						



## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>New Library Building (US90 &amp; Avondale Garden Road),</b> Avondale, Jefferson Parish, Louisiana  <b>N-Y Associates, Inc.</b> 2750 Lake Villa Drive Metairie LA 70002  <b>Michael G. Buisson, Jr., AIA, NCARB, LEED AP</b> 504-885-0500 mbuisson@n-yassociates.com	Geotechnical engineering services for the construction of a new public building at the northwest corner land parcels (Square 6, Lots No, 1 through 5) at the intersection of US Highway 90 and Avondale Garden Road in Avondale, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 and 6 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2020	N/A	\$4,100 (fee)

<b>PROJECT NO. 10</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Fisher Temporary Campus (FEMA Project),</b> Lafitte, Jefferson Parish, Louisiana  <b>Jefferson Parish Public Schools</b> 4600 River Road Marrero LA 70072  <b>Douglas Steam, 504-349-7600</b> douglas.stream@jpschools.org	Geotechnical engineering services for the installation of modular buildings at Fisher High School (2590 Barataria Blvd.) in Lafitte, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses, foundation recommendations (bearing values, settlement, etc.), and general construction procedures and recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2022	N/A	\$4,500 (fee)

## TEC Professional Services Questionnaire

**M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.**

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.	<i>Gulf South Engineering and Testing, Inc. is not currently, nor has it previously been involved, in litigation with Jefferson Parish.</i>	
2.		
3.		
4.		

**N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.**



### CRITERIA 1 | PROFESSIONAL TRAINING AND EXPERIENCE

**Gulf South Engineering and Testing, Inc.** (Gulf South) is a geotechnical engineering and construction materials testing and inspection company which began operations in 2011. Since that time, we have grown to two offices and nearly three dozen employees.

**Gulf South provides a broad range of geotechnical related services, completing more than 100 geotechnical engineering projects and 300 construction materials testing and inspection projects each year.** These projects typically include soil borings (shallow and deep borings), laboratory testing (AASHTO, ASTM methods, etc.), soil classification (USCS), geotechnical engineering, and construction material testing and field inspection.

**Gulf South is a woman-owned, Hudson Initiative-certified small entrepreneurship in Louisiana. Our laboratory is AASHTO and CCRL certified and USACE validated.**

**Please refer to our projects noted in our personnel listings in Item K as well as the representative projects shown in Item L for specific project examples and an overview of our surveying experience with Jefferson Parish.**

## TEC Professional Services Questionnaire

N. continued.

### **Geotechnical Engineering Services**

Gulf South's ownership and senior management have decades of combined experience in the profession and have completed thousands of projects. One of Gulf South's Principals, Chad M. Poché, P.E., a founding principal and Professional Engineer registered in Civil Engineering in Louisiana and Mississippi, has specific and extensive training & experience in geotechnical engineering. He has three decades of experience in planning, administering, and conducting geotechnical investigations.

The firm has specific engineering experience and training in **Geotechnical Engineering, Foundation Design, and Geology & Geohydrology**; our staff has extensive experience in all aspects of soil mechanics and geotechnical engineering with specific knowledge in the following areas:

- Shallow and deep foundations (piles, shafts, augercast, screw/anchor piles)
- Deep excavations, cofferdams, retaining walls
- Levees and soft ground construction; slope stability & seepage
- Earthwork; settlement analyses
- Shoreline protection
- Scour analyses
- LRFD Design
- Mechanically Stabilized Earth (MSE) Walls
- Development of load test programs
- Geotechnical instrumentation and construction monitoring
- Canals and pump station foundations
- Pipe bedding and backfill
- Roadways, bridges, pavements

### **Laboratory Testing Services**

Gulf South's laboratory is equipped to serve the specific needs of our clients and managed by trained and experienced personnel. All testing is performed in accordance with ASTM, AASHTO, and/or other approved procedures. Gulf South routinely performs soil and concrete strength testing (unconfined and triaxial), soil classification tests (Atterberg limits, moisture content, density, particle size), soil and aggregate sieves, organic content, pH, soil resistivity, and moisture/density relationships (Proctor tests). Gulf South's laboratories are managed by full time, experienced, managers and staff. Further, **Gulf South's Kenner laboratory is AASHTO and CCRL certified and USACE validated.**

### **Field Investigation Services**

Gulf South owns truck mounted (ARDCO C-1000) and track mounted (ARDCO SD 350) drilling rigs with associated and appurtenant support equipment (water trucks and buggy). Our equipment and crews are capable of drilling soil borings to depths of up to 300 feet and installing monitor wells, piezometers, and inclinometers. We can also perform CPT soundings, geoprobe borings, and field testing at any site. Our staff has extensive experience in planning, oversight, and direction of field investigations.

## TEC Professional Services Questionnaire

N. continued.

### **Construction Materials Testing & Inspection**

Gulf South provides a full range of construction materials testing & inspection services for structures, earthwork, foundations, pipelines, and pavements. The range of services provided includes:

- Fill and base compaction and density testing
- Vibration monitoring
- Pre- and post-construction inspection
- Concrete testing and inspection
- Soil testing (field and laboratory)
- Asphalt testing
- Pile (driven & augercast) and shaft installation monitoring
- Load tests
- Earthwork/proof roll inspection
- Welding inspection
- Steel inspection
- Noise monitoring
- Prepare daily field reports and/or field books
- Maintain records per the client's directive

We have provided construction testing & oversight for projects as small as a house pad to as large as the **\$1.2 billion Louis Armstrong New Orleans International Airport North Terminal** project.

### **CRITERIA 2 | SIZE OF FIRM**

At 30 employees, Gulf South has the appropriate number of employees and personnel for this project. We will complete our scope of services on time and within budget. Further said, Gulf South can readily meet the time and budget constraints for projects assigned to this contract. Our current workload is such that we can expeditiously complete projects for this contract.

### **CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION**

Gulf South has the manpower and equipment to expeditiously complete any task order assigned under this contract. The tasks which would be assigned under this contract are the types of projects we perform and complete each day. Gulf South is thoroughly familiar with the specialized and unique CMT needs required for the projects that may be issued under this contract.

The contract and contractual issues will be overseen by Chad M. Poché, P.E. The technical aspects of tasks assigned to the contract will be managed by Eric A. Paille, C.E.T., ACI, with support and oversight as needed from Brandon A. Paille, ACI; James Tiner, ACI; Joseph H. "Trey" Binder, III, ACI; and Gulf South's various department managers, technicians, and administrative support staff.

## TEC Professional Services Questionnaire

### N. continued.

As a task or project is awarded to the Gulf South Team, a file number is assigned to the project and all pertinent information is gathered (name, location, contacts, etc.). Brandon A. Paille, ACI will manage the project and assign appropriate personnel to accomplish the task. All field tests and reports are reviewed by Mr. Poché/Mr. Beard and Mr. Paille prior to being sent to the client.

Elements of our task work can include:

- meet with client to discuss project parameters and required tests/inspection
- collect any samples for testing for Proctor tests or pre approval to be used
- visit site as needed and requested to perform tests/inspections
- provide daily reports of findings and results

All field tests and reports are reviewed by Mr. Poché/Mr. Beard and Mr. Paille prior to being sent to the client.

All laboratory tests are reviewed by Gulf South's laboratory manager. Daily Field Reports are prepared and distributed by Gulf South's administrative personnel.

The Gulf South Team will provide all services in a safe and timely manner. We will coordinate with the Port's Project Manager(s) on a regular basis to keep them informed and to coordinate our schedule, work, and deliverables. We guarantee that every project or task assigned to this contract will be given high priority, be done efficiently, and completed accurately, on time, and within budget.

### CRITERIA 4 | PAST PERFORMANCE

Gulf South has worked both directly and indirectly for various Jefferson Parish Departments (Public Works, Engineering Department, Drainage Department, Jefferson Parish School Board, etc.) throughout our history. Beyond the projects included within this form, additional project information (including listings, background, & client contacts) are available upon request. We have also completed similar services for Public and Private concerns throughout the region.

**Please refer to our projects noted in our personnel listings in Item K as well as the representative projects shown in Item L for specific project examples and an overview of our specialized experience and service.**

### CRITERIA 5 | LOCATION OF THE PRINCIPAL OFFICE

**Gulf South Engineering and Testing has been headquartered in Jefferson Parish since beginning operations in 2011;** our principal office is located in Jefferson Parish at 15 Veterans Memorial Boulevard in Kenner. We also maintain an office in Gonzales, LA.



## TEC Professional Services Questionnaire

N. continued.

### CRITERIA 6 | LEGAL STATEMENT

As stated in Item M, Gulf South has had no litigation, past or present, with Jefferson Parish, nor any of our clients.

### CRITERIA 7 | PRIOR SUCCESSFUL COMPLETION OF PROJECTS

The Principals and key employees of Gulf South have many years of applicable experience in working for and with Government Agencies and private industry. Founding principal and Executive Vice President of Gulf South, Chad M. Poché, P.E., has been a practicing registered geotechnical engineer in South Louisiana since 1998. He has specialized training and experience in geotechnical engineering throughout Louisiana.

As evidenced in the provided projects and personnel résumés, key personnel experience includes the completion of **thousands of projects in the region** throughout their careers for a broad range of clients, including both the government and private sectors. We can submit data in formats acceptable and customized to our clients' needs.

Gulf South invites you to contact any of our clients for a candid discussion of our service and professionalism, and offer these direct references:

**Neil Schneider, CCM, P.E., Director, Capital Projects, Jefferson Parish**  
(504-736-6783 | JPPW@jeffparish.net)

**Ben Lepine, Acting Director, Drainage Department, Jefferson Parish**  
(504-736-6751 | JPDrainage@jeffparish.net)

**Angela DeSoto, P.E., Director, Engineering Department, Jefferson Parish**  
(504-736-6511 | ADeSoto@jeffparish.net)

**Mark R. Drewes, P.E., Director, Public Works Department, Jefferson Parish**  
(504-736-6783 | JPPW@jeffparish.net)

**Michael B. Cooper, Parish President, St. Tammany Parish**  
(985-898-2362 | president@stpgov.org)

**Joey Tureau, Director of Transportation, Ascension Parish**  
(225-450-1013 | jtureau@apgov.us)

**José A. Gonzales, CAO, City of Kenner**  
(504-468-4090 | jgonzalez@kenner.la.us)

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature: \_\_\_\_\_

Print Name: Chad M. Poché, P.E.

Title: Executive Vice President

Date: September 4, 2024

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:

Gulf South Engineering and Testing,  
Inc.

Public Address:

Mr. Chad Poche, PE  
15 Veterans Memorial Boulevard  
Kenner, Louisiana 70062

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0004626	Active	07/27/2010	03/31/2025	Mr. Chad Mitchell Poche# PE.0027667



LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. Chad Mitchell Poche**

License/Certificate Type - Number

**PE.0027667**

Expiration Date

**09/30/2026**

Status: **Active**



LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. Ralph P. Fontcuberta Jr.**

License/Certificate Type - Number

**PLS.0004329**

Expiration Date

**09/30/2026**

Status: **Active**



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

**Gulf South Engineering and Testing, Inc.**

is Certified-Active as a Small Entrepreneurship with  
Louisiana Economic Development's Hudson Initiative.

This certification is valid from 12/27/2023 to 12/27/2024 .

Certification No. 11011

Stephanie Hartman,  
Director, Entrepreneurial Services



## LABORATORY VALIDATION



Trey Binder  
(504) 305-4401

of AASHTO R 18 guidance and the requirements of the applicable ASTM standards.

THIS USACE CERTIFICATE OF LABORATORY VALIDATION IS ACCURATE AS OF ITS DATE AND TIME OF GENERATION:

06 MAY 2024

ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 05/03/2026

OUR PUBLIC WEBSITE: <https://mtc.erdcdren.mil>

Chad A. Gartrell, PE, Director

Vicksburg, Mississippi, USA

### AGGREGATE

Aggregate - C 128 - Specific Gravity & Absorption in Fine Aggregate  
Aggregate - C 566 - Total Moisture Content  
Aggregate - C 702 - Reducing Samples to Testing Size

### CONCRETE

Concrete - C 31 - Making and Curing Test Specimens in the Field  
Concrete - C 39 - Compressive Strength of Cylindrical Specimens  
Concrete - C 138 - Unit Weight and Air Content by Gravimetric  
Concrete - C 143 - Slump  
Concrete - C 172 - Sampling  
Concrete - C 231 - Air Content by Pressure \*\*\*required if C173 not performed\*\*\*  
Concrete - C 511 - Moist Cabinets, Moist Rooms, Water Storage Tanks  
Concrete - C 1064 - Temperature of Concrete  
Concrete - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)  
Concrete - C 1231 - Unbonded Caps

### SOILS

Soils - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection  
Soils - D 421 - Dry Preparation for Particle Size Distribution & Soil Constants  
Soils - D 422 - Particle Size Analysis (Sieve and Hydrometer)  
Soils - D 698 - Compaction Characteristics by Standard Effort  
Soils - D 1140 - Material Finer than 75  $\mu$ m (No. 200) Sieve  
Soils - D 1556 - Density & Unit Weight by Sand Cone  
Soils - D 1557 - Compaction Characteristics by Modified Effort  
Soils - D 2166 - Unconfined Compressive Strength  
Soils - D 2216 - Water Content  
Soils - D 2487 - Classification of Soils  
Soils - D 2488 - Description & Identification of Soils (Visual-Manual Procedure)  
Soils - D 2974 - Moisture, Ash, & Organic Matter of Peat & Other Organic Soils  
Soils - D 4318 - Liquid & Plastic Limits & Plasticity Index  
Soils - D 4643 - Determination of Water Content of Soil by Microwave Oven  
Soils - D 6938 - Density and Water Content by Shallow Depth Nuclear Method



## CERTIFICATE OF ACCREDITATION



### Gulf South Engineering and Testing, Inc.

in

**Kenner, Louisiana, USA**

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories ([aashtoresource.org](https://aashtoresource.org)).

  
Jim Tymon,  
AASHTO Executive Director

  
Moe Jamshidi,  
AASHTO COMP Chair

This certificate was generated on 04/11/2024 at 12:54 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://aashtoresource.org/aap/accreditation-directory)



THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Gulf South Engineering and Testing, Inc.*

8/15/2023

DATE



SIGNATURE

