

# STATEMENT OF QUALIFICATIONS

2750 Lake Villa Drive  
Metairie, LA 70002



[www.n-yassociates.com](http://www.n-yassociates.com)

P: (504) 885-0500

F: (504) 885-0595

## Design and Construction Administration of a New East Bank Jefferson Parish Animal Adoption & Services Facility Resolution No. 141465 SOQ 23-006

Presented To:  
Jefferson Parish



March 30, 2023



# TABLE OF CONTENTS

## **A. N-Y TEAM INTRODUCTION**

- Cover Letter
- N-Y Team Organizational Chart

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

### *Prime*

- TEC Professional Services Questionnaire
- Letters of Recommendation

## **C. MARRERO, COUVILLON & ASSOCIATES, LLC.**

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

- TEC Professional Services Questionnaire

## **D. ROBERT A. BOUCHON CONSULTING ENGINEER, LLC**

### *Subconsultant: Structural Engineering*

- TEC Professional Services Questionnaire

## **E. BFM CORPORATION, LLC**

### *Subconsultant: Topographic Surveying*

- TEC Professional Services Questionnaire

## **F. 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

FRANK NICOLADIS, P.E.	PRESIDENT
MICHAEL F. NICOLADIS, E.I.	SENIOR VICE PRESIDENT
CONSTANTINE F. NICOLADIS, P.E.	VICE PRESIDENT
JAMES E. SIMMONS, P.E.	VICE PRESIDENT
MICHAEL G. BUISSON, JR., ARCHITECT, AIA	VICE PRESIDENT
BRUCE J. RICHARDS, AICP, PTP	VICE PRESIDENT
CHAD C. LEINGANG, CPA	ASSISTANT VICE PRESIDENT
CHERIE B. STIVERS, SMPS	ASSISTANT VICE PRESIDENT

March 30, 2023

ESTABLISHED 1969

Jefferson Parish  
200 Derbigny Street  
General Government Bld.  
Gretna, LA 70054

**Re: Design and Construction Administration of a New East Bank Jefferson Parish Animal Adoption & Services Facility, Resolution No. 141465**

Ladies and Gentlemen:

N-Y Associates, Inc. (N-Y) is pleased to submit our statement of qualifications to provide design and construction administration of a New East Bank Jefferson Parish Animal Adoption & Services Facility.

**BACKGROUND:**

Although N-Y Associates, Inc. is sometimes mistaken for "New York", N-Y is a fifty-four (54) 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 32 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 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; W. Tully Rhodes, PE; William Haensel, PE, PLS; Neil Logan, PE; Steven Fall, PE; Patricia Claverie, EI, MS; Dennis Voss, NICET; Noah Jackson, CADD; and Chris LeMay, CADD.

**N-Y has significant experience managing and coordinating subconsultants for all required basic and supplemental services. To supplement our in-house staff, we will utilize the following subconsultant firms, each of which have extensive experience working with N-Y in Jefferson Parish.**

- **Marrero, Couvillon & Associates, LLC will provide Mechanical, Electrical and Plumbing Engineering.**
- **Robert A. Bouchon Consulting Engineer, LLC will provide Structural 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  
Senior Vice President

## N-Y TEAM ORGANIZATION CHART



Design and Construction Administration of a New East Bank Jefferson Parish Animal Adoption & Services Facility  
Resolution No. 141465  
SOQ 23-006

### Principals / Project Oversight

**N-Y Associates, Inc.**

Frank Nicoladis, PE

Michael F. Nicoladis, EI, MBA

### Project Management

**N-Y Associates, Inc.**

Michael G. Buisson, AIA, NCARB, LEED AP – Project Manager

### 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

**N-Y Associates, Inc.**

James E. Simmons, PE

Neil D. Logan, PE

**Robert A. Bouchon**

**Consulting Engineer, LLC**

Robert A. Bouchon, PE

### 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.**

Noah Jackson

Chris LeMay

### Mechanical, Electrical & Plumbing Engineering

**Marrero, Couvillon & Associates, LLC**

Christian Schade, PE (EE)

Kimball M. Schlafly, PE (EE)

Brian Miller, PE (ME)

Chad Blanchard (ME)

### Topographic Surveying

**BFM Corporation, LLC**

Ralph Fontcuberta, Jr, PLS

Gary Lambert, PLS

John Thayer, Field Operations

Chris Lemley, Crew Chief

### Quality Assurance Representatives

**N-Y Associates, Inc.**

Johnny Thompson, QAR

Verlin Ladner, QAR

Stanley Mitchell, QAR

### Geotechnical Engineering

**Gulf South Engineering and Testing, Inc.**

Chad Poche, PE

Bryson S. Beard, EI

Joseph Binder, III

Ian Kerner Poche



## **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>					
	Design and Construction Administration of a New East Bank Jefferson Parish Animal Adoption & Services Facility Resolution No. 141465					
<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>					
	Frank Nicoladis, PE, President 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	5	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)
					25	<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.	Marrero, Couvillon & Associates, LLC 3525 Hessmer Avenue, Suite 304 Metairie, LA 70002	Mechanical, Electrical and Plumbing Engineering	Yes
2.	Robert A. Bouchon Consulting Engineer, LLC 1050 S. Norman C. Francis Pkwy. Suite 314 New Orleans, LA 70125	Structural Engineering	Yes
3.	BFM Corporation, LLC 15 Veterans Boulevard Kenner, LA 70062	Topographic Surveying	Yes
4.	Gulf South Engineering and Testing, Inc. 15 Veterans Boulevard Kenner, LA 70062	Geotechnical Engineering	Yes
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:

**7 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.**

**Architectural Experience**

**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.

**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 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).

**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.

**Warehouse Roof Replacement; Jefferson Parish, LA:**

Programming and design services for Insurance and FEMA sponsored tornado damage repairs to the 108,000 SF Jefferson Parish Sheriff's office warehouse building and shooting range. This building will require a new standing seam metal roof with new roofing structure which were destroyed by a recent tornado. The building also lost roof mounted ductwork in the shooting range which will also be replaced as a part of the project.

**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.

**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 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.

**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.

**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.



**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.

**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.

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

**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.

**Joe Keller Stadium; St. John the Baptist Parish, LA (Ida):** The Hurricane Ida Disaster Related Repairs consisted of removal of hurricane storm debris, replacement of chain link fencing, new roofing and waterproofing at the Press Box, new ticket booths at three locations, repair and replacement of two outdoor pavilions, removal and replacement of damaged aluminum bleachers, removal and replacement of wet insulation on the weight room building and removal and replacement of the scoreboard at the stadium. The work was done on an expedited basis to get the Wildcat Football Team ready to play their 2022 season.

**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.

**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.

**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.

**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.

**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).

#### 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:

**10 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 42 years of experience with extensive public sector experience including municipal and military buildings, fire stations, vehicle maintenance buildings, classroom and administration facilities.**

**Architectural Experience**

**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.

**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 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 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).

**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.

**Repairs to the Crime Lab for the Jefferson Parish Sheriff's Office; Jefferson Parish, LA:** Design of repairs to the Crime Lab building which was completed in 2010 and has experienced water intrusion issues since Hurricane Isaac in 2012.

**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.

**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.

**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.

**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.



**Ben Franklin Elementary School Renovation, Phases I and II; 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.

**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.

**New Lake Hermitage Fire House; Plaquemines Parish, LA:** A new 4,500 SF, two-story reinforced concrete structure with concrete block, brick and metal roof exterior includes two fire truck bays, and a second floor with a large day room and supporting kitchen, toilet room, storage, equipment and mechanical areas.

**Renovations and Repairs of the Braithewaite Fire House; Plaquemines Parish, LA:** This renovated 5,700 SF, two-story steel framed structure with metal wall panel and metal roof exterior includes two fire truck bays, an office & supporting toilet room, storage, equipment and mechanical areas on the first floor and a second floor with a large loft & supporting storage, equipment & mechanical areas. The building was reduced to the structural steel frame and exterior finishes and reconstructed.

**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.

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

**New Maintenance and Warehouse Facility for the Port of New Orleans:** Design of a 39,000 SF Maintenance Facility including Administrative, Mechanical Shop, Storeroom and Storage Areas for Maintenance Crews located at the Port's Jourdan Road Terminal. Also included was a 1,200 foot access road, site paving and water & sewerage facilities.

**South Slidell Library Renovations; Slidell, LA:** The renovation of an existing 6,500 SF retail establishment into a Branch Library, replacing the previous branch destroyed by Hurricane Katrina. The library includes: a meeting room; manager's office; work room; circulation desk; computer area; areas for children, young adult, adult, popular and digital collections; typical support spaces (break room, toilet rooms, electrical rooms, and janitor's closet).

**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.

**Marriott Courtyard Hotel Renovation; New Orleans, LA:** Design for the Renovation of the 10,000 SF Lobby, which included a new bistro and lounge area designed not only to serve guests, but also to attract pedestrian traffic from the hotel's prime street front along St. Charles Avenue.

**Ben Franklin Elementary School Renovation; New Orleans, LA:** Renovations to this historic Elementary School including window replacement, shear wall repair, mortar tuckpointing, roof repairs and drainage repairs. New interior finishes were added 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.

**Renovations to Lafayette Elementary School for the Recovery School District; New Orleans, LA:** 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 to create a better learning environment for students.

**Kitchen Improvements at 6 Schools for the Recovery School District; New Orleans, LA:** Improvements to the kitchens at various Recovery School District Schools including aesthetic & building code required improvements in the kitchens and the addition of a code compliant food service dumpster pad at each school.

#### Memberships & Associations:

- National Council of Architectural Registration Boards





 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:

**6 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 24 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.**

**Architectural Experience****➤ With N-Y**

**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.

**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 & evidence rooms.

**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.

**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.



**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.

**➤ 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

**Favrot & Shane Architects, Lake Development (2005-2010) – Architect**

Managed both renovation and new construction design and documentation. Responsibilities included design, construction documents, consultant coordination and securing building permits for construction.

- The Cars of Yesteryear expansion building, a 15,000 SF addition to a private car museum; Metairie, LA
- Renovations to the Frenchman's Creek Shopping Center; Metairie, LA
- Renovations to the Woodland's Apartments; Mandeville, LA





**Parish**  
State of Louisiana

**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:

**12 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 24 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.**

**Architectural Experience**

**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.

**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.

**New Charles A. Wagner Branch Library; Metairie, LA:** A new 7,000 SF library and library furnishings. The library houses approx. 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.



**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.

**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.

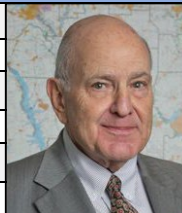
**Hurricane Katrina Damage Repairs and Improvements to the Mahalia Jackson Theatre of the Performing Arts; New Orleans, LA:** \$30 million of FEMA Funded repairs, hazard mitigation & improvements which included: complete architectural finishes, structural, and mechanical & electrical equipment replacement 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 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.

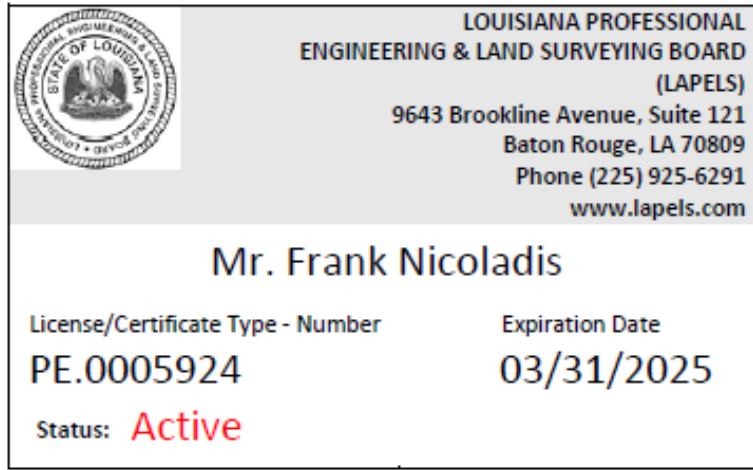
**New Credit Union Building at the Naval Air Station; Belle Chasse, LA:** A new 6,400 SF Credit Union Building located adjacent to the existing NAS JRB Credit Union site. The building included five walk-up tellers, 1 drive-up teller, ATM, customer waiting and reception area, 13 offices, safe room, board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





KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:		
Name & Title:		
Frank Nicoladis, PE - President		
Project Assignment:		
Principal and Project Oversight / Civil Engineer		
Name of Firm with which associated:		
N-Y Associates, Inc.		
Years' experience with this Firm:		
54 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:		
<p>Mr. Nicoladis has 66 years of experience as a consulting engineer, with 54 years as President of N-Y. Mr. Nicoladis serves as a Principal for the firm's projects undertaken for public agencies at the federal, state and local levels; ensuring that N-Y's projects are properly staffed, that N-Y's quality control systems are implemented, that the client's budget and schedule are met and that all of the firm's resources are efficiently utilized to provide the client with a level of services that exceeds their expectations.</p> <p>Prior to establishing N-Y, Mr. Nicoladis worked for several consulting firms in Louisiana and Mississippi, where he served as project engineer and then project manager for municipal projects. He has prepared various types of reports which include preliminary studies, financial studies, rate studies &amp; appraisals. He has served as an expert witness in several court cases and is very familiar with federal grant programs. Mr. Nicoladis has formulated various construction programs for his clients and assisted in the passage of bond issues which were required to finance their construction.</p> <p>As President of the firm, Mr. Nicoladis remains in its mainstream, providing overview services for N-Y projects. Some of his primary concerns are seeing that projects are adequately staffed and that the firm's quality control standards are adhered to during the design process. He also ensures that the client's schedule and budget are met.</p>		<p><b>Mr. Nicoladis and his firm have been working in Jefferson Parish for over 50 years. Mr. Nicoladis is involved in all architectural and engineering projects including:</b></p> <ul style="list-style-type: none"> <li>▪ Municipal and Public Buildings</li> <li>▪ Educational Facilities and Libraries</li> <li>▪ Multi-Purpose Buildings</li> <li>▪ Community and Recreational Facilities</li> <li>▪ Auditoriums and Theaters</li> <li>▪ Fire Stations</li> <li>▪ Port and Marine Facilities</li> <li>▪ Drainage Studies, Subsurface Drainage, Flood Control Structures and Drainage Pump Stations</li> <li>▪ Sewage Collection, Pumping and Treatment</li> <li>▪ Water Supply, Treatment, Distribution, &amp; Fire Protection</li> <li>▪ Streets, Highways, Bridges, and Railroads</li> <li>▪ Environmental Inventories, Assessments and Impact Statements</li> </ul>
		<p><b>Memberships &amp; Associations:</b></p> <ul style="list-style-type: none"> <li>▪ Fellow, Society of American Military Engineers</li> <li>▪ Fellow and Life Member, American Society of Civil Engineers</li> <li>▪ Fellow, American Council of Engineering Companies</li> <li>▪ Life Member, American Waterworks Association</li> <li>▪ Life Member, American Public Works Association</li> <li>▪ Water Environment Federation</li> <li>▪ National Society of Professional Engineers</li> <li>▪ American Planning Association</li> <li>▪ Who's Who in Engineering (AAES)</li> <li>▪ Who's Who in the South and Southwest (Marquis)</li> </ul>





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

Name &amp; Title:

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

Project Assignment:

**Principal / Project and Subconsultant Management**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**39 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 Senior Vice 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.

**Buildings**

**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 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.

**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.

**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.

**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.

**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.

### 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.

**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.

**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.

**ARFF Perimeter Road, Stage 1 at Louis Armstrong New Orleans International Airport (Duncan Canal Box Culvert); Kenner, LA:** A 10,600 LF roadway on top of a reinforced box culvert. The box culvert enclosed approx. 6,300 LF of the Duncan Drainage Canal and consists of a 900 LF segment containing two 9' x 9' reinforced concrete box culverts and a 5,400 LF segment containing a double barrel, 11' h x 44' w reinforced concrete box culvert.

#### ▪ 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)

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

**Mr. Michael F. Nicoladis**

License/Certificate Type - Number

**EI.0008705**

Expiration Date

**09/30/2023**

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 Civil and Structural Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**29 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 46 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**

**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 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.

**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.

**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).

**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.

**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 Bonabel 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 Expy); 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

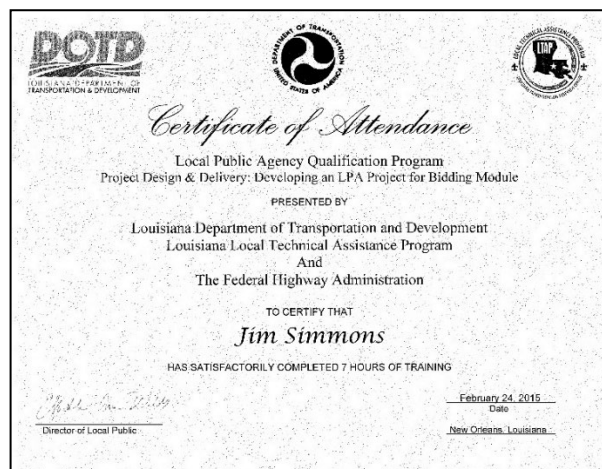
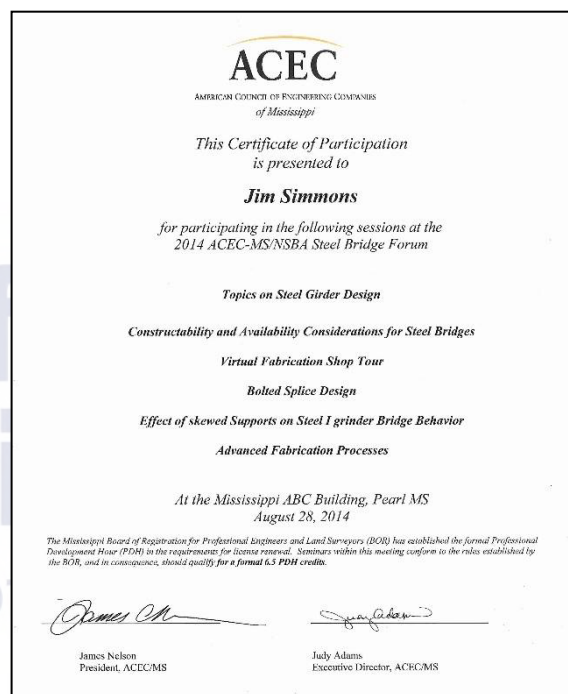
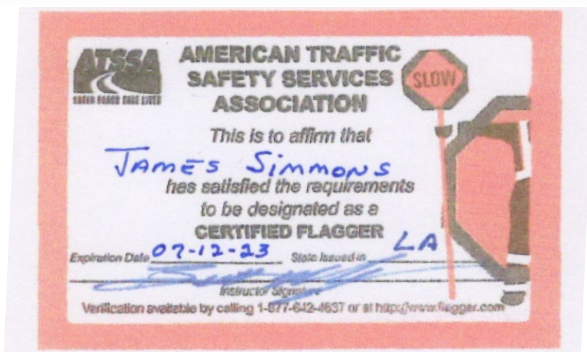
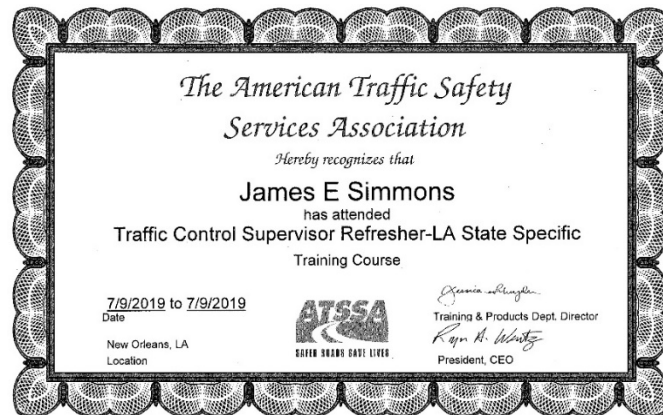
License/Certificate Type - Number

PE.0019891

Expiration Date

09/30/2023

Status: **Active**



## KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

**Constantine F. Nicoladis, PE - 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:

**36 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 36 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

**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.

**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. 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 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 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.

**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.

**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.



#### 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  
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. Constantine Frank Nicoladis**

License/Certificate Type - Number

**PE.0027095**

Expiration Date

**09/30/2023**

Status: **Active**



**Jefferson  
Parish**  
State of Louisiana

**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:

**14 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 30 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**

**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 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.

**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.



**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.

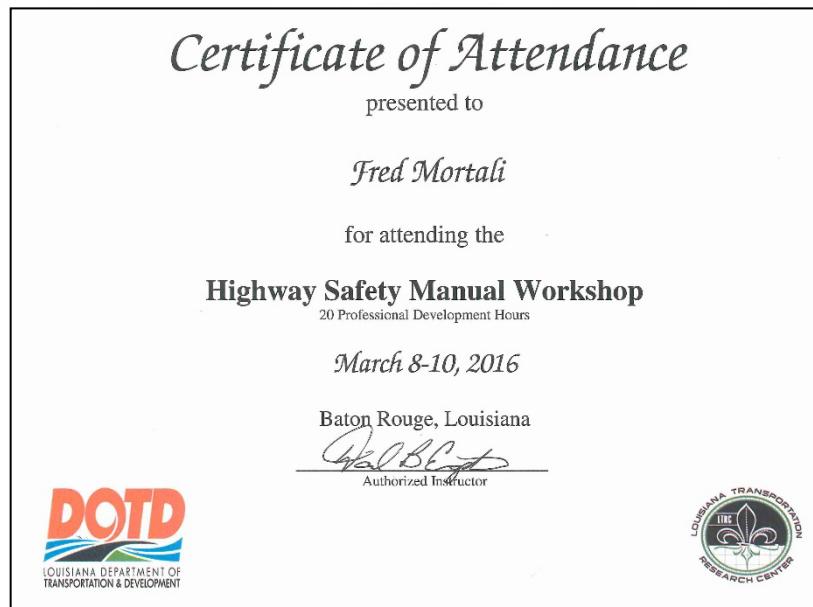
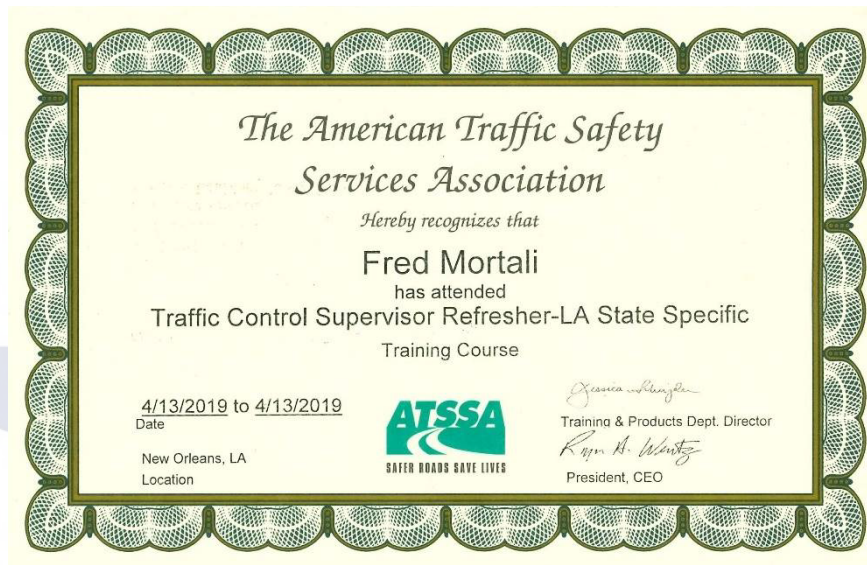
**Memberships & Associations:**

- 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>	
	<b>9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com</b>	
	<b>Mr. Fred Charles Mortali</b>	
	License/Certificate Type - Number <b>PE.0035111</b>	Expiration Date <b>03/31/2024</b>
<b>Status: Active</b>		



**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. (part-time)**

Years' experience with this Firm:

**2 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.**

**Roadway & Drainage Experience:****➤ With N-Y**

**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.

**➤ With Other Firms**

**Fleur de Lis Blvd. Reconstruction: Design and Program Management (Phases I, II, and III); New Orleans, LA:** The project consisted of the complete reconstruction of 8,200 linear feet (1.5 miles) of major urban divided roadway. As required by FHWA, a NEPA environmental clearance was prepared, completed, and accepted by LADOTD and FHWA. Because the corridor was bounded by residential development, significant attention was given to pedestrian access, bike paths, and construction sequencing. The project required multiple LADOTD design exceptions because of physical constraints and preservation of trees.

**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. Design included approximately 850 linear feet of new 15" and 18" reinforced concrete drain lines to serve the area.

**Henderson Street (Tchoupitoulas Street to Race Street); New Orleans, LA:** The new 1,500 foot long, four lane divided roadway to serve the \$194 million Phase IV of the New Orleans Convention Center. The design included approximately 2,500 linear feet of 15", 18", 24", and 30" diameter reinforced concrete drainpipe, 10,250 square yards of Portland Cement concrete pavement, a new 16" diameter water main, and a new 12" diameter sanitary sewer main all to serve the convention center expansion.

**Wilson Avenue Improvements (Dwyer Road to US Hwy 90/Chef Menteur Highway); New Orleans, LA:** The design and construction of 2,400 linear feet of roadway to replace an existing four lane divided Portland Cement concrete roadway. Design included new 15", 18", 24", and 30" diameter reinforced concrete drainpipe to upgrade the existing drainage collection system, and new sanitary sewer collection mains and water mains.

**West Napoleon Avenue Corridor: Design and Program Management; Jefferson Parish, LA:** A 5-mile urban aerial roadway which included a major drainage canal in an urbanized area.


**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.

**Memberships & Associations:**

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



**LICENSURES: WILLIAM HAENSEL, PE, PLS**

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</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. William B. Haensel Jr.</b>	
License/Certificate Type - Number	Expiration Date
<b>PE.0013375</b>	<b>03/31/2024</b>
<b>Status: Active</b>	

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</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. William B. Haensel Jr.</b>	
License/Certificate Type - Number	Expiration Date
<b>PLS.0004338</b>	<b>03/31/2024</b>
<b>Status: Active</b>	

State of Louisiana



**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 since 2003)**

Years' experience with this Firm:

**44 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 62 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.**

**Buildings: Structural and Foundation Design**

**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. 18; Jefferson Parish, LA:** A new 12,000 SF fire station which included 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.

**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.

**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.

**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.

**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.

**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.

#### Other Experience in Jefferson Parish

##### ■ Drainage and Flood Control

**Improvements to Drainage Canal No. 3; Jefferson Parish, LA:** Improvements 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.

**New Bayou Segnette Drainage Pumping Station; Jefferson Parish, LA:** A new 1,200 CFS pumping station with two (2), 600 CFS horizontal pumps driven by diesel engines through gear reducers. The new station was built adjacent to the existing station and was designed to USACE standards.

**Bayou Segnette Complex Flood Protection - Navigable Sector Gate, Floodwalls, Levee & Pump Station; Jefferson Parish, LA for the USACE:** Preparation of the Design Report (Alternatives 1,2,&3); Plans & Specifications, Engineering During Construction and O&M Manual (Alternative 2) for replacing 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.

**Plans and Specifications for a 750 CFS Interim Pump Facility at the East of Harvey Sector Gate Structure; Jefferson Parish, LA for the USACE:** Design and Engineering during Construction of a 750 CFS interim pump station facility with pumps and engines provided by the Government.

##### ■ Water

**Bridge Repairs and Raw Water Intake Protection at East Bank Intake; Jefferson Parish, LA:** Inspection of the East Bank Intake Bridge utilizing a boat and design of associated repairs utilizing new I-beams beneath the deck to strengthen the bridge and repairs to the concrete utilizing high-strength grout where required.

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

**West Bank Water Treatment Plant Intake Building & Other Improvements; 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

**Bridge City Wastewater Interceptors (Pump Stations and Force Mains) and Treatment System; Jefferson Parish, LA:** Expansion of the existing Bridge City WWTP to treat an additional average design flow of 6 MGD, bringing the plant's total capacity to 7.23 MGD. The project also included an 11,000 GPM effluent pump station.

**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.

**Major Force Mains & Pump Stations to Serve the East Bank; Jefferson Parish, LA:** This \$60 million program consisted of 4 major sewage pump stations ranging from 4,600 GPM to 69,400 GPM and 57,500 LF of force mains ranging in size from 42" to 78" in diameter. This included a 100 MGD Effluent Pump Station; a 78" diameter force main with dual, 60" diameter pipes discharging into the Mississippi River; and the West Napoleon Avenue Sewage Pump Station, with a 72" diameter force main discharging to the East Bank Regional Sewage Treatment Plant. (Joint Venture with Black & Veatch)

#### Memberships & Associations:

- American Society of Civil Engineers



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. 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:

**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:

**15 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 39 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: 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 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

**03/31/2024**

Status: **Active**



**Jefferson  
Parish**  
State of Louisiana

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
<b>Patricia R. Claverie, EI, MS</b>	
Project Assignment:	
<b>Hydrology and Hydraulics Engineer / Lead H&amp;H Modeler</b>	
Name of Firm with which associated:	
<b>N-Y Associates, Inc.</b>	
Years' experience with this Firm:	
<b>2 Years / 21 years with Other Firms</b>	
Education: Degree(s)/Year/Specialization:	
<b>Bachelor of Science/2000/University of New Orleans/Civil and Environmental Engineering</b>	
<b>Master of Science/2003/University of New Orleans/Engineering Management</b>	
Active registration: Year first registered/discipline:	
<b>LA (19340)/2000/Civil EIT</b>	
Other experience and qualifications relevant to the proposed Project:	
<p>Patricia Claverie has 23 years of experience in H&amp;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.</p>	<p>➤ <b>With Other Firms</b></p> <p><b>Master Drainage Plan for Sewerage and Water Board of New Orleans:</b> 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.</p> <p><b>USACE – Southeast Louisiana Urban Flood Control Program (SELA), Orleans Parish, LA:</b> Ms. Claverie provided construction and program management services for the Sewerage and Water Board (S&amp;WB) of New Orleans on the \$1B drainage improvement program. She coordinated the design and construction work for the S&amp;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.</p> <p><b>Grays Creek, Livingston Parish, LA:</b> 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.</p>
<p><b>Roadway &amp; Drainage Experience:</b></p> <p><b>Coin Du Lestin Road Elevation; Slidell, LA:</b> H&amp;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.</p> <p><b>Replacement of 15 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:</b> H&amp;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.</p> <p><b>Improvements to Carriage Canal and Dunleith Canal; St. Charles Parish, LA:</b> 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.</p>	



**Other experience and qualifications relevant to the proposed Project:****PATRICIA R. CLAVERIE, EI, MS - PAGE 2**

**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 & Bonnabel 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



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

**Ms. Patricia Renee' Claverie**

License/Certificate Type - Number

**EI.0019340**

Expiration Date

**09/30/2024**

Status: **Active**



**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:

**49 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**

**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 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.

**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.

**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.

**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.

**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.

**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.

**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**

**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.

**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 Expy); 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.

**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.

- **Water**

**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, P2 Plant Chlorination Building; Jefferson Parish, LA:** A new 61' x 21' chlorination building housing 6 on-line chlorinators (2 relocated and 4 new) and a storage area to house 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 and 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 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.

**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.

## Memberships &amp; Associations:

- American Society of Certified Engineering Technicians

**CERTIFICATIONS: DENNIS VOSS, NICET LEVEL IV**



**NATIONAL INSTITUTE FOR CERTIFICATION  
IN ENGINEERING TECHNOLOGIES®**

*Providing Certification Programs Since 1961*

**BE IT KNOWN THAT**

**Dennis G. Voss Sr.**

**IS HEREBY AWARDED CERTIFICATION AT**

Senior Engineering Technician

IN CIVIL ENGINEERING TECHNOLOGY

**BASED UPON SUCCESSFUL DEMONSTRATION OF REQUISITE KNOWLEDGE,  
EXPERIENCE AND WORK PERFORMANCE AS SET FORTH BY THIS INSTITUTE.**

Certification Valid Through 12/01/2023

CERTIFICATION NUMBER 54584

CHAIRMAN OF THE NICET BOARD OF GOVERNORS

A DIVISION OF THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

*Certificate of Attendance*

presented to

**Dennis Voss**

for attending the

**Roundabout Design Workshop  
Level 1**

and for having been awarded 12 Professional Developmental Hours

October 14-15, 2008

Baton Rouge, Louisiana

Authorized By

**LTRC**  
Louisiana Transportation Research Center

**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:

**5 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

 **Cadtech Seminars**

cadtechseminars.com  
PO Box 2266, Mandeville, LA 70470 • 985.674.0234

State of Louisiana

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

Name &amp; Title:

**Chris LeMay, CADD/ GIS Technician**

Project Assignment:

**Engineering CADD Technician**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**3 Years (20 with other firms)**

Education: Degree(s)/Year/Specialization:

**Associates of Science/Computer-Aided Drafting**

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**

**Improvements to France Road, from Hayne Blvd. to US 90/Chef Mentheur Hwy for the Port of New Orleans:** The full reconstruction of 1.5 miles of roadway from two, 10' lanes to two, 11' lanes with 4' shoulders. A portion of the roadway was also raised to minimize potential periodic flooding.

**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.

**SELA-74 - Donner Canal (Algiers Outfall Canal to Pump Station #13); Algiers, LA:** Improvements to an existing 4600 LF earthen section of Donner Canal. Segment A includes design of a 2100 LF, 52' wide concrete flume. Segment B includes evaluation of a 2500 LF, 108' bottom width earthen canal, and a 52' wide or 60' wide concrete flume and design of the selected alternative.

**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.

**Brewster Road/LA 1077 Detention Pond; St. Tammany Parish, LA:** H&H Modeling utilizing SWMM & HEC-RAS and Design for a 10-acre detention pond including subsurface drainage along Brewster Road.

**Main Street Drainage Improvements; Plaquemines Parish, LA:** New subsurface drainage improvements on Main Street and Avenue "D" including a new 50 CFS drainage pump station discharging to the Mississippi River.

**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).

**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 LADTOD 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.

**Waterline Replacement Program for portions of the CBD, French Quarter and Iberville Neighborhoods; New Orleans, LA:** Utility replacement and roadway reconstruction for 3 blocks of Decatur Street and 1 block of St. Peter Street including: replacement of 1471 LF of existing 24" waterline; replacement of 2919 LF of 18" drain line; CIPP Lining of 1433 LF of sewer line and 1719 LF of house connections; and removal and reconstruction of the existing roadway.

Certificate of Completion for successfully completing

Autodesk

# Revit 2020 Fundamentals

24 contact hours  
November 19, 20, 23 & 24

Chris LeMay

Seminar Participant

November 24, 2020

Date of Completion



Ken Colgan, Trainer

 **Dtech Seminars**

[cadtechseminars.com](http://cadtechseminars.com)

PO Box 2266, Mandeville, LA 70470 • 985.674.0234



**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:

**6 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, (Fat City) 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).

**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:

**9 Years (29 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" sewerline and 4500 LF of 24" sewerline, 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.

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

Name &amp; Title:

**Verlin Ladner, 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:

**8 Years (40 years with other firms)**

Education: Degree(s)/Year/Specialization:

**High School Diploma**

Active registration: Year first registered/discipline:

**USACE Certified in Quality Assurance Management; LADOTD Certified in Asphalt Paving Inspection; LADOTD Level III Construction Inspector**

Other experience and qualifications relevant to the proposed Project:

**Quality Assurance Experience:****➤ With N-Y**

**Transcontinental/Vineland Booster Station Gravity Overflow Line; Jefferson Parish, LA:** Resident Inspection for an overflow bypass system which includes two, 24 inch sewer mains installed at the top of the above ground wet well which manifolds into a 36 inch sewer force main. The system is designed to bypass (23,000 GPM peak flow) the pumps and prevent overflow of the pump station wet well in the case of a power failure.

**Rehabilitation of the East-West Runway at Louis Armstrong New Orleans International Airport; Kenner, LA:** Full-time resident inspection for the segment of the East-West Runway Rehabilitation with lies over the "tunnel".

**Improvements to Veterans Memorial Boulevard, from David Drive to Roosevelt Boulevard; Metairie, LA:** Resident Inspection for widening 4,000 LF of urban roadway from four lanes to six lanes, including traffic signalization, topographic survey, asphaltic concrete, curb and gutter, and subsurface drainage, along with adjacent concrete sidewalks.

**Improvements to West Esplanade Avenue, from Bonnabel Boulevard to Lake Avenue; Jefferson Parish, LA:** Resident Inspection for improvements to West Esplanade Avenue from Bonnabel Boulevard to Lake Avenue, consisting of widening a 1 mile, 1-lane roadway to a 2-lane urban roadway with curb and gutter, subsurface drainage, and asphaltic concrete.

**Improvements to West Napoleon Avenue, from Cleary Avenue to Houma Boulevard; Jefferson Parish, LA:** Resident Inspection for a new four-lane, urban roadway. The 2250 LF project includes a 13.5'h x 40'w, double barrel, 195 foot long box culvert at the Suburban Drainage Canal, tie-ins to all existing streets, and curb and gutter and subsurface drainage.

**Main Street Drainage Improvements; Plaquemines Parish, LA:** Resident Inspection of new subsurface drainage improvements on Main Street and Avenue "D" including a new 50 CFS drainage pump station discharging to the Mississippi River.

**➤ With Other Firms**

**Quality Assurance Representative and Resident Inspector for Various USACE Flood Control Projects (2007-2013):** Resident Inspection of various flood control projects including:

- IHNC Hurricane Protection in New Orleans, LA
- Lake Cataouatche Levee Enlargement and Pump Station Fronting Protection in Jefferson and St. Charles Parishes, LA;
- WBV-76 Western Tie-in Hwy 90 Pump Station in Jefferson Parish, LA
- WBV-74 Western Tie-In Closure Structure (Sector Gate) in St. Charles Parish, LA
- Buras Levee Emergency Repairs
- Empire Floodgate
- Sunrise and Grand Laird Pump Stations.






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>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>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> <p><b>BFM Corporation worked with N-Y on this project.</b></p> </div> 	
Completion Date (Actual or Estimated):	Estimated Cost:	
2019	Entire Project: \$6 million	Work for which Firm was Responsible: 100%





## PROJECT NO. 2

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>  <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>BFM Corporation worked with N-Y on this project.</b> </div>	<p><b>Design, Bidding, Construction Administration and Resident Inspection of the 5,400 SF Marrero Wastewater Treatment Plant Administration and Safe House Building, with one (1) floor slightly elevated above grade.</b></p> <p><i><b>2,056 SF of this facility was designed as a Safe Room per FEMA 361 criteria to allow for sheltering of West Bank Sewerage Department personnel during storm events.</b></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 style="border: 1px solid black; padding: 5px;"> <b>This project received the 2021 ACI Low Rise Building Project Award.</b> </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$3 million	100%

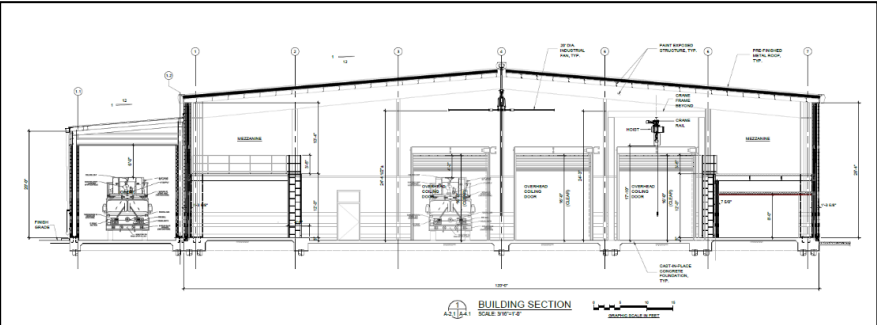
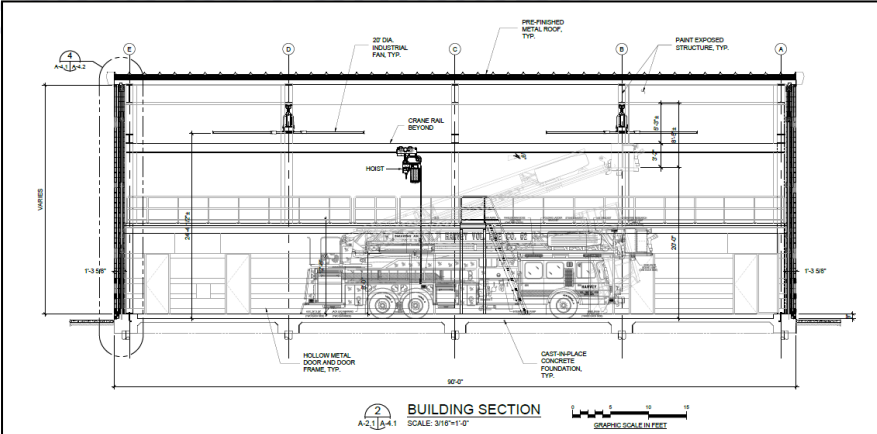
### PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Library Projects;</b> <b>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>   <div> <p><b>BFM Corporation worked with N-Y on these projects.</b></p> </div>	<p><b>A. Avondale Branch Library</b> N-Y is providing Programming, Design, Bidding and Construction Administration for a <b>new 4,400 SF library</b> which will also provide the community of Avondale with greater internet access and online learning opportunities. The library will include 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.</p>  <p><b>B. New Charles A. Wagner Branch Library</b></p> <ol style="list-style-type: none"> <li>Programming, Design, Bidding, Construction Administration, and Resident Inspection for a <b>new 7,000 SF library</b> and library furnishings. The library houses approximately 27,000 books, and included a children's area, reference area, reading room, two study rooms, a work room, an administrative office, and a lunch room.</li> <li>In 2007, due to damage sustained during Hurricane Katrina, N-Y provided FEMA Funded hurricane damage repairs for this facility.</li> </ol> <p><b>C. East Bank Regional Library and Library Headquarters</b> Programming, Design, Bidding, Construction Administration and Resident Inspection for this <b>new 135,777 SF library</b>, 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. The library portion contains a children's area, several private study rooms, fiction and non-fiction wings, a reference and microfilm section, a learning center, a special collections room with an audio/visual area, and several reproduction rooms. Over 300,000 books are available in the library.</p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>A. 2024 B. i. 2003; ii. 2008 C. 1997</p>	<p>A. \$2.3 million B. i. \$1.2 million; ii. \$150,000 C. \$17.4 million</p>	<p><b>100%</b></p>

## PROJECT NO. 4

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></p> <p>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 for its high-profile location.</p> 	<p><b>B. Fire Station No. 14</b></p> <p>Design and Construction Administration for 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 style="border: 1px solid black; padding: 5px; text-align: center;"> <b>BFM Corporation worked with N-Y on these projects.</b> </div>
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>A. 2023 (Design) B. 2009</p>	<p>A. \$5 million B. \$2.5 million</p>	<p style="text-align: center;"><b>100%</b></p>

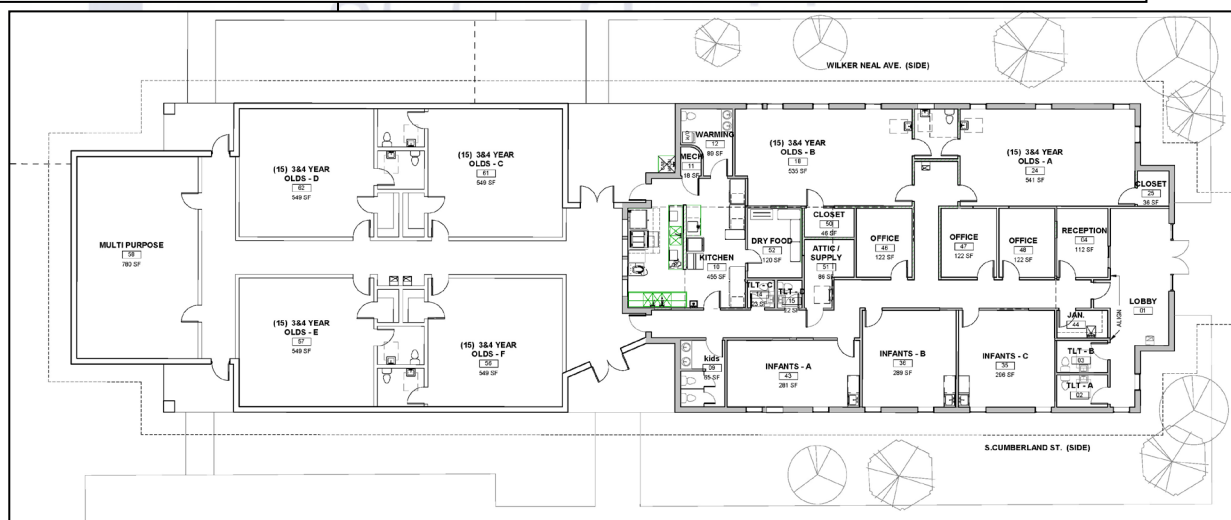
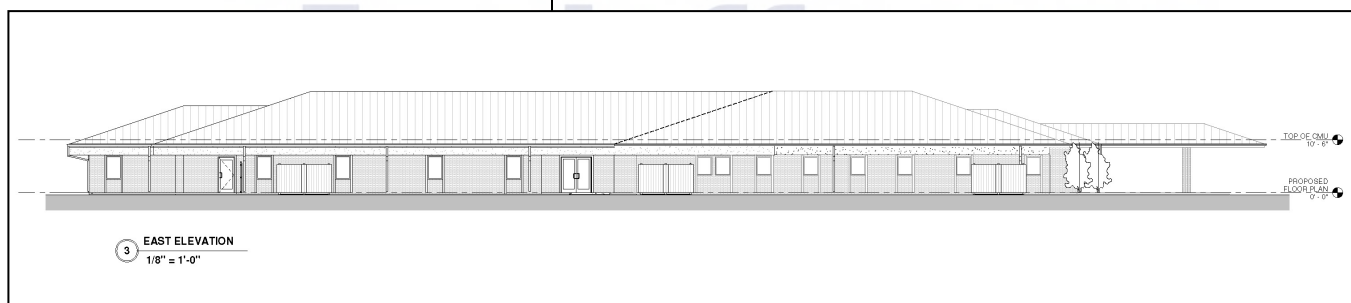
## PROJECT NO. 5

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>	<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 will also include exterior site improvements including efficient and convenient driveways and parking spaces, sidewalks, utility and infrastructure improvements, landscaping and lighting.</p> <div style="border: 1px solid black; padding: 5px; text-align: center; margin: 10px auto; width: fit-content;"> <b>BFM Corporation and Gulf South Engineering and Testing are working with N-Y on this project.</b> </div> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>	
<p><b>Completion Date</b> (Actual or Estimated):</p> <p style="text-align: center;"><b>2024</b></p>	<p style="text-align: center;"><b>Estimated Cost:</b></p>	
	<p><b>Entire Project:</b></p> <p style="text-align: center;"><b>\$2.8 million</b></p>	<p><b>Work for which Firm was Responsible:</b></p> <p style="text-align: center;"><b>100%</b></p>



## PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
<p><b>JeffCap Head Start Building Renovation and Additions; 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>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 in Jefferson Parish.</b></p> <ul style="list-style-type: none"> <li>The original main building will house 3 classrooms for 3 &amp; 4-year-old children with up to 15 children per classroom, and 2 classrooms with up to 8 infants per classroom. Each classroom also includes a handwash sink and attached bathroom per code requirements. Other program elements include a kitchen, 3 offices, and a reception area. The existing HVAC, sprinkler and fire alarm systems in the existing building are being reused, modified, and added onto as required.</li> <li>The addition will house 4 new classrooms for 3 &amp; 4-year-old children with up to 15 children per classroom and a large Multi-Purpose Room. The new building also has an office and storage space.</li> </ul> <div style="border: 1px solid black; padding: 5px; text-align: center; margin-top: 10px;"> <b>BFM Corporation and Gulf South Engineering and Testing are working with N-Y on this project.</b> </div>



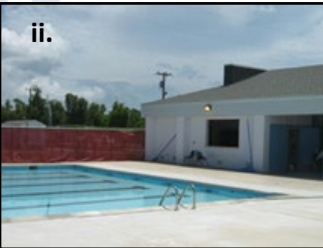



Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$2 million	100%

## PROJECT NO. 7

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. In fact, Jefferson Parish Department of Streets employees rode out Hurricane Isaac in the facility.</p> <p>The building includes administrative offices, conference rooms, locker rooms, and a staff assembly area attached to an existing warehouse that was hardened as part of the project. An access control system was seamlessly integrated into what is, at times, a continuously operating facility.</p> <div style="border: 1px solid black; background-color: #fff9c4; padding: 5px; text-align: center;"> <b>BFM Corporation worked with N-Y on this project.</b> </div>	
		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	\$3.5 million	100%

## PROJECT NO. 8

Project Name, Location and Owner's contact Information:	Nature of Firm's Responsibility:	
<p><b>Community Center and Auditorium Experience; Jefferson and Plaquemines Parishes, LA</b></p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">FEMA Funded</div> <p><b>Owner:</b></p> <p><b>A. Jefferson Parish</b> 1221 Elmwood Park Blvd. Jefferson, LA 70123 Mark Drewes, PE Director of Public Works (504) 736-6783</p> <p><b>B. and C.</b> Plaquemines Parish 106 Avenue G Belle Chasse, LA 70037 Mr. Ken Dugas, PE Director of Engineering (504) 934-6116</p> <div style="border: 1px solid black; padding: 5px; margin-top: 20px;">BFM Corporation worked with N-Y on these projects.</div>	<p><b>A. New Marrero Community and Senior Center; Jefferson Parish, LA</b></p> <p>Design, Bidding and Construction Administration for a new 7,357 SF building which includes Administrative Offices, Conference Room, Records/File Storage Room, Meeting Room, Auditorium, Classroom/Computer Lab, Craft/Exercise/Game Room, Kitchen and Food Pantry.</p>	
	<p><b>B. Percy Griffin Community Center; Plaquemines Parish, LA</b></p> <p>i. Design, Bidding and Construction Administration for a FEMA funded 14,000 SF Parish Community Center including a multi-purpose room, exercise room, commercial kitchen and administrative offices.</p> <p>ii. Design, Bidding and Construction Administration for FEMA funded hurricane damage replacement of a pool &amp; pool house.</p>	<div style="display: flex;"> <div style="flex: 1;"> <p><b>i.</b></p>  </div> <div style="flex: 1;"> <p><b>ii.</b></p>  </div> </div>
	<p><b>C. New Braithwaite Auditorium; Plaquemines Parish, LA</b></p> <div style="text-align: center;">  </div> <p>Design, Bidding and Construction Administration for an 8,000 SF auditorium and community center with an assembly area, stage, kitchen and restrooms. The underside of the second floor structure is elevated above the FEMA base flood elevation.</p>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>A. 2009</p> <p>B. i. 2010; ii. 2008</p> <p>C. 2011</p>	<p>A. \$1.6 million</p> <p>B. i. \$6 million; ii. \$1 million</p> <p>C. \$2.9 million</p>	<p style="text-align: center;"><b>100%</b></p>

## PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>SWBNO Resiliency Complex; New Orleans, LA</b>  <b>Owner:</b> Sewerage and Water Board of New Orleans 625 St. Joseph Street New Orleans, LA 70165  <b>Contact:</b> Ron Spooner, PE General Superintendent (504) 865-0650	<b>Programming, Evaluation and Design of the Sewerage and Water Board of New Orleans Resiliency Complex</b> which will house the Engineering, Environmental, Emergency Operations and Information Technology Departments.  The project includes the following: <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>	
<div><div>BFM Corporation and Gulf South Engineering and Testing worked with N-Y on this project.</div></div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 (Design) On Hold	\$25 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 style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p><b>BFM Corporation worked with N-Y on this project.</b></p> </div> <div style="text-align: center;">  </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p><b>COASTAL RESTORATION</b></p> </div>	<p>Design, bidding, and construction administration for a new <b>\$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 style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <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 style="text-align: center;">  </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> <div> <div>SECTION N. TABLE OF CONTENTS</div> <div> I. MINIMUM QUALIFICATIONS  II. EVALUATION CRITERIA  1. Professional Training and Experience  2. Size of Firm  3. Capacity for Timely Completion  4. Past Performance  5. Location of the Principal Office  6. Adversarial Legal Proceedings  7. Prior Successful Completion of Projects  III. QUALITY ASSURANCE PROGRAM  IV. THE N-Y ADVANTAGE </div> </div> <div> <div>I. MINIMUM QUALIFICATIONS</div> <div> 1. One Principal who is a licensed, registered architect or a professional engineer in the State of Louisiana: <ul style="list-style-type: none"> <li>Frank Nicoladis, PE LA PE No. 5924 - 66 Years of Experience</li> <li>Michael G. Buisson, AIA, NCARB, LEED AP LA Architect No. 4617 - 32 Years of Experience</li> </ul> </div> <div> 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: <ul style="list-style-type: none"> <li>Michael G. Buisson, AIA, NCARB, LEED AP LA Architect No. 4617 - 32 Years of Experience</li> </ul> </div> <div> 3. One Employee who is a licensed, registered architect or professional engineer in the State of Louisiana in the applicable disciplines involved: <ul style="list-style-type: none"> <li>Michael Schmidt, Architect LA Architect No. 4109 – 42 Years of Experience</li> <li>Christian Bourgeois, Architect LA Architect No. 7024 – 24 Years of Experience</li> <li>Tracy Lucas, NCARB, Architect LA Architect No. 7239 – 24 Years of Experience</li> <li>James Simmons, PE LA PE No. 19891 - 46 Years of Experience</li> <li>Constantine Nicoladis, PE LA PE No. 27095 – 36 Year of Experience</li> <li>Fred Mortali, PE LA PE No. 35111 - 30 Years of Experience</li> </ul> </div> </div> </div> <div> <ul style="list-style-type: none"> <li>Neil Logan, PE LA PE No. 14607 - 62 Years of Experience</li> <li>William Haensel, PE, PLS LA PE No. 13375 – 55 Years of Experience</li> </ul> <div>II. EVALUATION CRITERIA</div> <div>1. Professional Training and Experience</div> <p>N-Y is a fifty-four (54) 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 32 years of experience managing projects from Programming and Schematics through Construction Documents, Bidding, Negotiating, and Construction Administration.</li> </ul> </div>		

His background encompasses a broad range of architectural experience, including municipal buildings, education, hospitality, medical and corporate and includes master planning, strategic planning, programming, preliminary & final design, construction administration and LEED® Compliance.

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; W. Tully Rhodes, PE; William Haensel, PE, PLS; Neil Logan, PE; Steven Fall, PE; Patricia Claverie, EI, MS; Dennis Voss, NICET; Noah Jackson, CADD; and Chris LeMay, CADD.

**N-Y has significant experience managing and coordinating subconsultants for all required basic and supplemental services. To supplement our in-house staff, we will utilize the following subconsultant firms, each of which have extensive experience working with N-Y in Jefferson Parish.**

- **Marrero, Couvillon & Associates, LLC will provide Mechanical, Electrical and Plumbing Engineering.**
- **Robert A. Bouchon Consulting Engineer, LLC will provide Structural 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 current staff of professional and support personnel are capable of performing the type of architectural and engineering tasks anticipated from this contract. N-Y has the capacity to effectively perform this work with its existing staff and meet schedules set by the Parish.

## 3. Capacity for Timely Completion

**The N-Y Team has ample capacity of personnel, computer software and equipment to provide any anticipated tasks related to 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.**

### 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 52 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 forty-five (45) 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 submittal deadlines on its fifteen (15) post-Katrina projects.

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
- Orleans Levee District
- 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
- City of New Orleans, Capital Projects Administration
- City of New Orleans, Department of Public Works
- Orleans Parish School Board
- 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:

- **Letter of Recommendation from the Jefferson Parish Sheriff's Office for N-Y's work on the New First District Station**
- **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.**
- **"Exceptional" Evaluation from Jefferson Parish Capital Projects for N-Y's design work of Roadways, Bridge, Water, Sewerage and Drainage Improvements throughout Jefferson Parish.**



### 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 and 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 on each project 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 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.***

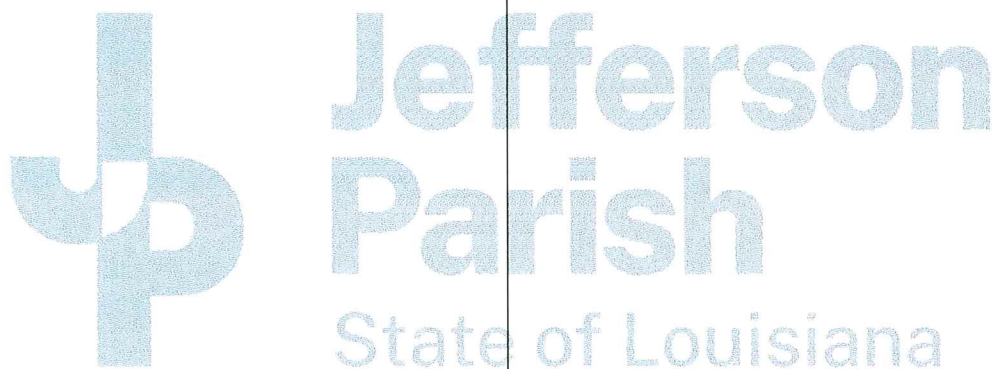
**N-Y's Quality Control/Assurance Plan also extends to each of our subconsultant firms.** We insist not only that the leaders of each discipline become involved in the planning and design process, but also the principals of each firm. This raises the level of accountability of our subconsultant firms' team members. 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: Senior Vice President

Date: 03/30/2023

## N-Y LICENSES



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

Name:	Public Address:
N-Y Associates, Inc.	Mr. Michael Nicoladis 2750 Lake Villa Drive, Suite 100 Metairie, Louisiana 700026797

### License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0000585	Active	09/26/1984	09/30/2023	Mr. Frank Nicoladis # PE.0005924 - Active ; Mr. Constantine Frank Nicoladis # PE.0027095 - Active



---

# JOSEPH P. LOPINTO, III

## SHERIFF

---



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



# 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/interfacing 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 SWIND 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 SWIND'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:		

## PAST PERFORMANCE QUESTIONNAIRE

Contractor: **N-Y Associates, Inc.**

The contractor or subcontractor named above, who is doing business (or has done business with your organization in the past, provided your name as a reference for past performance to the USDA Forest Service. The contractor was informed, via a solicitation provision, that by listing you as a reference and requesting your submission of this questionnaire, they are authorizing you to release information to our agency relative to their past performance, whether positive or negative. Responses will be treated as source selection sensitive information.

Please answer the questionnaire, using adjectival ratings provided. Handwritten or electronic responses are acceptable. If you need more space than provided, please attach additional pages. Email, scan or fax the completed questionnaire directly from you to the attention of the Gemaa Pelch: \*Fax: (601)965-1788, \*Email: [gpelch02@fs.fed.us](mailto:gpelch02@fs.fed.us)

Name of Respondent: **Reda Youssef, PE**  
Title: **Director of Capital Projects**  
Agency/Company Name: **Jefferson Parish**  
Telephone Number: **(504) 736-6833**  
Email Address: **ryoussef@jeffparish.net**  
Contract Number/ Project Reference Number: **Various;  
N-Y has worked continuously for Jefferson Parish since 1976.**  
Description of Project: **Design of Roadway, Bridge, Water, Sewerage and Drainage Improvements**  
Project Location: **Jefferson Parish, LA**  
Total Contract Value: **Numerous Contracts: +/- \$100,000 to \$2,500,000 each**  
Period of Performance: **2006-2018**

### Explanation of Adjectival Ratings:

<b>E</b>	EXCEPTIONAL: Performance met contractual requirements and substantially exceeded most (requirements). Any problems encountered resulted in corrective actions taken by the contractor which exceeded expectations and were highly effective. Contractor consistently performed at the highest level.
<b>V</b>	VERY GOOD: Performance met contractual requirements and exceeded some (requirements). Any problems encountered resulted in corrective actions taken by the contractor which were effective.
<b>S</b>	SATISFACTORY: Performance met all minimum requirements. Any problems encountered resulted in corrective actions taken by the contractor which appear or were satisfactory.
<b>M</b>	MARGINAL: Contractor met contract requirements with minor government agency resource oversight or assistance. Performance appeared weak in meeting all minimum contractual requirements.
<b>P</b>	POOR: Performance may not have met minimum contractual requirements or nonconformance jeopardized the achievement of contract requirements. Performance necessitated major government agency oversight or assistance.
<b>N</b>	NEUTRAL: Relevant past performance does not exist or information is not available. Offeror is not evaluated favorably or unfavorably.



## PAST PERFORMANCE QUESTIONNAIRE

Contractor: N-Y Associates, Inc.

Using the codes above, circle the appropriate letter for each item on the questionnaire and record any comments.

### QUALITY OF WORKMANSHIP

- Rate the contractor's compliance with contract terms and conditions and statement of work.

*Comments:*

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
------------------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------

- Did the contractor provide adequate, competent and qualified management, key personnel and technical personnel capable of meeting contract requirements throughout the performance period of the contract?

*Comments:*

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
------------------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------

- How well did the contractor work independent of agency guidance, oversight and assistance?

*Comments:*

<input type="radio"/> E	<input checked="" type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
-------------------------	------------------------------------	-------------------------	-------------------------	-------------------------	-------------------------

- How effective was the contractor in meeting Cost/Price performance targets and controlling costs (i.e. changes, etc.)? Did they demonstrate reasonableness in modifications scope and costs?

*Comments:*

- Were subcontractors/tradesmen adequately managed and coordinated? Explain any subcontracting issues (positive or negative) that impacted the performance of your contract(s).

*Comments:*

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
------------------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------

### CUSTOMER SATISFACTION

- How reasonable and cooperative was the contractor during performance?

*Comments:*

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
------------------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------

- How committed was the contractor to customer satisfaction?

*Comments:*

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
------------------------------------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------

### TIMELINESS OF PERFORMANCE

- How well did the contractor adhere to the agreed-to schedule?

*Comments:*

<input type="radio"/> E	<input checked="" type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
-------------------------	------------------------------------	-------------------------	-------------------------	-------------------------	-------------------------

## PAST PERFORMANCE QUESTIONNAIRE

Contractor: N-Y Associates, Inc.

- Did the contractor provide timely notice of delays/schedule revisions?  
What were the causes of any schedule variances?

E	<b>V</b>	S	M	P	N
---	----------	---	---	---	---

Comments:

- Were data, deliverables, and reports submitted on time?

<b>E</b>	V	S	M	P	N
----------	---	---	---	---	---

Comments:

### SAFETY RECORD

- How effective was the contractor's safety program to ensure compliance with federal, state and local regulations?

E	V	S	M	P	N
---	---	---	---	---	---

Comments: **NOT APPLICABLE**

- Did the contractor implement and follow their safety plan?

E	V	S	M	P	N
---	---	---	---	---	---

Comments: **NOT APPLICABLE**

- Did they run a "safe jobsite"?

E	V	S	M	P	N
---	---	---	---	---	---

Comments: **NOT APPLICABLE**

### OVERALL PAST PERFORMANCE

- What is your overall rating of the contractor's performance?

<b>E</b>	V	S	M	P	N
----------	---	---	---	---	---

Comments:

- What are the contractor's strengths? **Knowledgeable & Follows up to complete assignments**

- Did you recognize any weaknesses of the contractor during performance? **NO**

- Given the choice, would you work with this contractor again? Why or why not?

<b>YES</b>	NO
------------	----

**Because of pleasant experience with his past performance in many projects.**

*Thank you for your assistance.*

# C. MARRERO, COUVILLON & ASSOCIATES, LLC

Subconsultant: Mechanical, Electrical and Plumbing  
Engineering

## ■ TEC Professional Services Questionnaire





## TEC Professional Services Questionnaire

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

SOQ 23-006 – Design and Construction Administration of a New East Bank Jefferson Parish Animal Adoption & Services Facility

**B. Firm Name & Address:**

Marrero, Couvillon & Associates, LLC.  
3525 Hessmer Ave., Suite 304  
Metairie, LA 70001

**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:**

Greg DeCoursey, AIA  
Vice President  
Project Manager/Architect  
(504) 834-3448  
[gdecoursey@mca-llc.com](mailto:gdecoursey@mca-llc.com)

**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.**

Greg DeCoursey, AIA  
Vice President  
Project Manager/Architect  
(504) 834-3448  
[gdecoursey@mca-llc.com](mailto:gdecoursey@mca-llc.com)

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

<u>7</u> Administrative	<u>1</u> Estimators	<u>    </u> Specification Writers
<u>1</u> Architects (Licensed)	<u>    </u> Geologists	<u>1</u> Structural Engineers
<u>    </u> Chemical Engineers	<u>    </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
<u>    </u> Ecologists	<u>    </u> Land Surveyor	<u>    </u> Grant/Funding Specialist
<u>4</u> Electrical Engineers	<u>6</u> Mechanical Engineers	<u>    </u> Sanitary Engineers
<u>    </u> Engineer Intern	<u>    </u> Environmental Engineers	<u>5</u> Designers
<u>    </u> Professional Land Surveyors	<u>2</u> CADD Operators	<u>29</u> TOTAL

**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 \_\_\_\_\_**

**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. See Prime Submittal		
2.		
3.		

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

### **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:**

Greg DeCoursey, AIA – Sr. Architect, Project Manager

**Project Assignment:**

Project Manager

**Name of Firm with which associated:**

Marrero, Couvillon & Associates, LLC.

**Years' experience with this Firm:**

27

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

Bachelor of Architecture / 1977 / Architecture Masters of Architecture / 1982 / Architecture

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

1980 Architecture

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

Mr. DeCoursey has experience as both an Architect and Project Manager performing services, for projects of all types. Mr. DeCoursey has performed services for Engineering Projects for Facility Planning & Control, the Louisiana Department of Transportation and Development, the City of New Orleans, and for other Public Works and Private Sector Commercial projects. Projects in which Mr. DeCoursey participated, relevant to the requirements in this solicitation are:

- **Alliance for Sustainable Wildlife Center, New Orleans, LA** – Audubon Nature Institute and San Diego Zoo Global announced a partnership to replenish animal populations that face possible extinction. The Alliance for Sustainable Wildlife will devise strategies to ensure sustainable populations of unique and endangered zoo animals. Located at the Audubon Center for the Research of Endangered Species site in New Orleans, the Alliance will be a haven for more than two dozen endangered and threatened mammal and bird species, including whooping cranes, okapis, and Maisai giraffes. Torre Design Consortium was selected as the Architect for this project and Marrero, Couvillon, & Associates, LLC partnered to provide MEP design of the facilities. The scope of work includes lighting, power, HVAC, plumbing, and fire alarm systems for the animal enclosures and habitats.
- **Audubon Zoo, Asian Elephant Exhibit and Cool Zoo II, New Orleans, LA** – For these projects at the Audubon Zoo in New Orleans, Marrero, Couvillon & Associates provided mechanical and electrical design services. The overall projects encompassed several major scope items – a new exhibit area for the Asian Elephants adjacent to the new elephant night house; a new night house and exhibit area for the orangutans, which utilizes the former elephant night house; and an expansion of the children's water park at the zoo, Cool Zoo, including construction of restroom concession facilities and a water feature, Lazy River. Working as sub to architect, Torre Design Consortium, MCA designed all the mechanical and electrical systems for those facilities. At the Asian Elephant exhibit, MCA designed pumping systems for the waterfall and river that are part of the habitat, as well as electrical distribution to equipment and lighting. For the orangutan night house and exhibit, MCA designed HVAC and plumbing systems, lighting and electrical power distribution, sprinkler system and fire alarm. Mechanical systems designed by MCA at the Cool Zoo expansion include HVAC and plumbing systems for restroom and concession facilities and ventilation and plumbing for the Lazy River Alligator House.
- **City Bark, Dog Park in New Orleans City Park** – City Bark is a dog park that is located in New Orleans City Park. It provides a large, enclosed recreation area for dogs. Marrero, Couvillon & Associates provided mechanical and electrical design services for the pavilion located in this facility. Heating/ventilation at restroom facilities, as well plumbing for facilities for both humans and canines, formed the basis of mechanical work. Electrical design included lighting and power distribution. This project was funded primarily through donations and MCA donated most of its services to help the cause.
- **St. Tammany Parish Animal Services Isolation Building, LaCombe, LA** - The St. Tammany Parish Animal Services provides a safe, clean facility for stray animals and unwanted pets. The Isolation Building houses animals, generally dogs, who for various reasons, including legal, need to be separated from the general population. Marrero, Couvillon & Associates is providing architectural, mechanical and electrical design services for building upgrades. Mechanical engineering services include a new, code compliant HVAC system, and plumbing for a new kennel system that is being installed in the facility. Electrical engineering services include new lighting, and power distribution modifications for the HVAC system. Architectural services include necessary modifications for mechanical work, and rodent control modifications.



## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Kimball M. Schlafly, P.E., Sr. Electrical Engineer
<b>Project Assignment:</b>
Sr. Electrical Engineer
<b>Name of Firm with which associated:</b>
Marrero, Couvillon & Associates, LLC.
<b>Years' experience with this Firm:</b>
3
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science / 1988 / Electrical Engineering
<b>Active registration: Year first registered/discipline:</b>
1993 Electrical Engineer
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Schlafly has over 34 years of engineering experience in electrical engineering, project engineering and project management. He has been responsible for various projects requiring design of lighting, low and medium voltage power distribution, standby and emergency power systems, telecommunications, fire alarm, access control, video surveillance, and theatrical audio/visual and lighting systems. Mr. Schlafly has worked on projects with clients in both the public and private sector, such as the Recovery School District in New Orleans, Facility Planning and Control in Baton Rouge, Tulane University, Loyola University, University of New Orleans, as well as with various Architects, Engineering firms, and building owners. Prior to joining Marrero, Couvillon &amp; Associates, Mr. Schlafly was managing partner of his own firm, working for contractors and owners on design-build projects as well as architects on design-bid projects.</p> <ul style="list-style-type: none"> <li>• <b>St. Tammany Parish Animal Services Isolation Building, LaCombe, LA</b> - The St. Tammany Parish Animal Services provides a safe, clean facility for stray animals and unwanted pets. The Isolation Building houses animals, generally dogs, who for various reasons, including legal, need to be separated from the general population. Marrero, Couvillon &amp; Associates is providing architectural, mechanical and electrical design services for building upgrades. Mechanical engineering services include a new, code compliant HVAC system, and plumbing for a new kennel system that is being installed in the facility. Electrical engineering services include new lighting, and power distribution modifications for the HVAC system. Architectural services include necessary modifications for mechanical work, and rodent control modifications.</li> <li>• <b>Ellis Marsalis Center for Music, New Orleans, Louisiana</b> - New facility consisting of theater, recording studio, music practice rooms, and community outreach spaces. Provided design for new electrical service and distribution, lighting, fire alarm, access control integrated electronic security systems, and telecommunications distribution. Design and installation included acoustically isolated zones, dedicated technical power distribution, theatrical lighting, and an audio system designed by Telaske out of Chicago. Subsequent work included power quality analysis to determine source of surges from utility and force appropriate repairs to stop the surges.</li> <li>• <b>City Hall and Civil Courts Mechanical and Electrical Upgrades - New Orleans, Louisiana</b> - MCA is providing mechanical and electrical engineering services for upgrades to HVAC, mechanical, electrical and plumbing systems at the City of New Orleans City Hall and Civil Courts Buildings, which includes: demolition and replacement of chiller compressors, renovation of 8 elevators which included partial demolition and reconstruction of the equipment elevator rooms, fire alarm upgrades and replacements, main switchgear repairs, repairs and upgrades to the emergency power systems, and replacement of 3 generators.</li> <li>• <b>Jones Creek Regional Branch Renovations &amp; Additions, East Baton Rouge Parish, LA</b>- MCA was responsible for the Mechanical, Electrical, Plumbing and Fire Protection for the Renovations and Additions to the Jones Creek Regional Branch Library. Design included a complete interior renovation of this existing 35,200 sf library branch and a new 3,200 sf addition. The scope included the addition of a new HVAC system for the expansion, as this was more economical than expanding the existing system, new roofing, new storefronts and curtainwall, new finishes throughout, new lighting, upgraded HVAC system, fire alarm and sprinkler systems, new FF&amp;E package, and site drainage modifications. Space planning and functional improvements included a new entry sequence for book return and check out, redesigned teen and children's areas, redesigned book stack layout, renovated restrooms and staff lounge, updated meeting rooms, increased study rooms and collaborative spaces, new conference room, new digital lab and quiet spaces for reading. As one of the most trafficked libraries in East Baton Rouge Parish, it was a requirement that the facility remain open for the duration of construction. Careful coordination between the Owner, Design Team, and Contractor insured that the building remained open, on schedule, and on budget to produce a successful result.</li> </ul>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Christian Schade, P.E., Sr. Electrical Engineer
<b>Project Assignment:</b>
Sr. Electrical Engineer
<b>Name of Firm with which associated:</b>
Marrero, Couvillon & Associates, LLC.
<b>Years' experience with this Firm:</b>
6
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science / 1993 / Electrical Engineering
<b>Active registration: Year first registered/discipline:</b>
2006 Electrical Engineering
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Schade's experience as an Electrical Engineer includes: Power system analysis, consisting of load flow, fault, arc flash and coordination studies using SKM Power Tools for Windows and ETAP. Proficient with incident energy level method of Arc Flash calculations per NFPA 70E, 2015 version. Electrical design support for small to medium size projects in industrial facilities, including installation of new pumps, agitators, metering equipment, lighting and power distribution centers. Design of utility switchyards up to 230 KV and protective relaying. Electrical design support for architectural type projects, such as office buildings, restaurants, hotels, and marinas. A few projects Mr. Schade has worked on include:</p> <ul style="list-style-type: none"> <li>• <b>St. Tammany Parish Animal Services Isolation Building, LaCombe, LA</b> - The St. Tammany Parish Animal Services provides a safe, clean facility for stray animals and unwanted pets. The Isolation Building houses animals, generally dogs, who for various reasons, including legal, need to be separated from the general population. Marrero, Couvillon &amp; Associates is providing architectural, mechanical and electrical design services for building upgrades. Mechanical engineering services include a new, code compliant HVAC system, and plumbing for a new kennel system that is being installed in the facility. Electrical engineering services include new lighting, and power distribution modifications for the HVAC system. Architectural services include necessary modifications for mechanical work, and rodent control modifications.</li> <li>• <b>Low Barrier Shelter, New Orleans, Louisiana</b> – MCA has worked with architect The Mathes Group on a homeless shelter project for the City of New Orleans. The facility provides year-round, 24 hour shelter for homeless adults with minimal restrictions. The work involved demolition and build-out within an existing building that was previously used for medical purposes. MCA provided engineering design for HVAC, plumbing, fire protection and electrical systems for the project.</li> <li>• <b>New Orleans Sewerage and Water Board Head House Renovation/Repurposing Critical Services Facility Center, EOC and Safe House (Resiliency Complex), New Orleans, Louisiana</b> – Renovation of an existing early 20th century 3-story building for use as Emergency Operations Building for the S&amp;WB, including Operations Center, office spaces and temporary living quarters. A new InFill Building, also 3-stories, will be built adjacent to the Safe House to provide a kitchen facility and additional office spaces. MCA is handling the Mechanical, Electrical, Plumbing and Fire Protection design.</li> <li>• <b>Jones Creek Regional Branch Renovations &amp; Additions, East Baton Rouge Parish, LA</b>- MCA was responsible for the Mechanical, Electrical, Plumbing and Fire Protection for the Renovations and Additions to the Jones Creek Regional Branch Library. Design included a complete interior renovation of this existing 35,200 sf library branch and a new 3,200 sf addition. The scope included the addition of a new HVAC system for the expansion, as this was more economical than expanding the existing system, new roofing, new storefronts and curtainwall, new finishes throughout, new lighting, upgraded HVAC system, fire alarm and sprinkler systems, new FF&amp;E package, and site drainage modifications. Space planning and functional improvements included a new entry sequence for book return and check out, redesigned teen and children's areas, redesigned book stack layout, renovated restrooms and staff lounge, updated meeting rooms, increased study rooms and collaborative spaces, new conference room, new digital lab and quiet spaces for reading. As one of the most trafficked libraries in East Baton Rouge Parish, it was a requirement that the facility remain open for the duration of construction. Careful coordination between the Owner, Design Team, and Contractor insured that the building remained open, on schedule, and on budget to produce a successful result.</li> </ul>

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Brian Miller, P.E., Vice President of Engineering
<b>Project Assignment:</b>
Sr. Mechanical Engineer
<b>Name of Firm with which associated:</b>
Marrero, Couvillon & Associates, LLC.
<b>Years' experience with this Firm:</b>
7
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science / 1986 / Mechanical Engineering
<b>Active registration: Year first registered/discipline:</b>
1995 Mechanical Engineer
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Miller has over 28 years of engineering experience in mechanical engineering, project engineering and project management. He has been responsible for various projects ranging from HVAC systems design to wastewater pump stations. Projects relevant to the requirement in this solicitation are:</p> <ul style="list-style-type: none"> <li>• <b>Jones Creek Library, Baton Rouge, Louisiana</b> – MCA was responsible for the Mechanical, Electrical, Plumbing and Fire Protection for the Renovations and Additions to the Jones Creek Regional Branch Library. Design included a complete interior renovation of this existing 35,200 sf library branch and a new 3,200 sf addition. The scope included the addition of a new HVAC system for the expansion, as this was more economical than expanding the existing system, new roofing, new storefronts and curtainwall, new finishes throughout, new lighting, upgraded HVAC system, fire alarm and sprinkler systems, new FF&amp;E package, and site drainage modifications. Space planning and functional improvements included a new entry sequence for book return and check out, redesigned teen and children's areas, redesigned book stack layout, renovated restrooms and staff lounge, updated meeting rooms, increased study rooms and collaborative spaces, new conference room, new digital lab and quiet spaces for reading. As one of the most trafficked libraries in East Baton Rouge Parish, it was a requirement that the facility remain open for the duration of construction. Careful coordination between the Owner, Design Team, and Contractor insured that the building remained open, on schedule, and on budget to produce a successful result.</li> <li>• <b>Louisiana Wetlands Education Center, Town of Jean Lafitte, Louisiana</b> – MCA is providing mechanical plumbing, electrical and fire protection engineering design services for this facility which will “promote preservation, conservation and adaptation related to wetland ecosystems, using its location in the Jean Lafitte area as an outdoor classroom.” The Louisiana Wetlands Education Center, including programming for all ages, will provide educational opportunities regarding the unique ecosystems of coastal Louisiana. The facility will be utilized for research and will provide a meeting location for interested parties/institutions.” MCA is responsible for HVAC, plumbing, lighting, electrical power distribution and fire protection system.</li> <li>• <b>Alliance for Sustainable Wildlife Center, New Orleans, LA</b> – Audubon Nature Institute and San Diego Zoo Global announced a partnership to replenish animal populations that face possible extinction. The Alliance for Sustainable Wildlife will devise strategies to ensure sustainable populations of unique and endangered zoo animals. Located at the Audubon Center for the Research of Endangered Species site in New Orleans, the Alliance will be a haven for more than two dozen endangered and threatened mammal and bird species, including whooping cranes, okapis, and Maisai giraffes. Torre Design Consortium was selected as the Architect for this project and Marrero, Couvillon, &amp; Associates, LLC partnered to provide MEP design of the facilities. The scope of work includes lighting, power, HVAC, plumbing, and fire alarm systems for the animal enclosures and habitats.</li> <li>• <b>Audubon Zoo Sea Lion Pond</b> – The existing Sea Lion Pond/Exhibit at the Audubon Zoo in New Orleans was in need of equipment replacement/upgrade. Marrero, Couvillon &amp; Associates is providing mechanical and electrical engineering services for part of this work. MCA designed the installation of an additional chiller, part of a system to maintain the pool water temperature in the comfort level for the sea lions. MCA also designed ventilation for an exhibit equipment room and electrical distribution systems for the new chiller and ventilation fan.</li> <li>• <b>New Orleans Sewerage and Water Board Head House Renovation/Repurposing Critical Services Facility Center, EOC and Safe House (Resiliency Complex), New Orleans, Louisiana</b> – Renovation of an existing early 20th century 3-story building for use as Emergency Operations Building for the S&amp;WB, including Operations Center, office spaces and temporary living quarters. A new InFill Building, also 3-stories, will be built adjacent to the Safe House to provide a kitchen facility and additional office spaces. MCA is handling the Mechanical, Electrical, Plumbing and Fire Protection design.</li> </ul>




## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Chad Blanchard, Mechanical Engineer
<b>Project Assignment:</b>
Mechanical Engineer
<b>Name of Firm with which associated:</b>
Marrero, Couvillon & Associates, LLC.
<b>Years' experience with this Firm:</b>
7
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science / 2007 / Mechanical Engineering
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Blanchard received his Bachelor of Science Degree in Mechanical Engineering from Louisiana Tech University in 2007.. Mr. Blanchard is a member of the American Society of Mechanical Engineers and ASHRAE, and he is certified LEED AP. Mr. Blanchard has been responsible for various projects ranging from QA/QC of mechanical work and HVAC systems design, to performing studies of mechanical systems in various facilities. Mechanical projects Mr. Blanchard has been responsible for since he joined MCA include:</p> <ul style="list-style-type: none"> <li>• <b>Jones Creek Library, Baton Rouge, Louisiana</b> – MCA was responsible for the Mechanical, Electrical, Plumbing and Fire Protection for the Renovations and Additions to the Jones Creek Regional Branch Library. Design included a complete interior renovation of this existing 35,200 sf library branch and a new 3,200 sf addition. The scope included the addition of a new HVAC system for the expansion, as this was more economical than expanding the existing system, new roofing, new storefronts and curtainwall, new finishes throughout, new lighting, upgraded HVAC system, fire alarm and sprinkler systems, new FF&amp;E package, and site drainage modifications. Space planning and functional improvements included a new entry sequence for book return and check out, redesigned teen and children's areas, redesigned book stack layout, renovated restrooms and staff lounge, updated meeting rooms, increased study rooms and collaborative spaces, new conference room, new digital lab and quiet spaces for reading. As one of the most trafficked libraries in East Baton Rouge Parish, it was a requirement that the facility remain open for the duration of construction. Careful coordination between the Owner, Design Team, and Contractor insured that the building remained open, on schedule, and on budget to produce a successful result.</li> <li>• <b>Louisiana Wetlands Education Center, Town of Jean Lafitte, Louisiana</b> – MCA is providing mechanical plumbing, electrical and fire protection engineering design services for this facility which will “promote preservation, conservation and adaptation related to wetland ecosystems, using its location in the Jean Lafitte area as an outdoor classroom.” The Louisiana Wetlands Education Center, including programming for all ages, will provide educational opportunities regarding the unique ecosystems of coastal Louisiana. The facility will be utilized for research and will provide a meeting location for interested parties/institutions.” MCA is responsible for HVAC, plumbing, lighting, electrical power distribution and fire protection systems</li> <li>• <b>Alliance for Sustainable Wildlife Center, New Orleans, LA</b> – Audubon Nature Institute and San Diego Zoo Global announced a partnership to replenish animal populations that face possible extinction. The Alliance for Sustainable Wildlife will devise strategies to ensure sustainable populations of unique and endangered zoo animals. Located at the Audubon Center for the Research of Endangered Species site in New Orleans, the Alliance will be a haven for more than two dozen endangered and threatened mammal and bird species, including whooping cranes, okapis, and Maisai giraffes. Torre Design Consortium was selected as the Architect for this project and Marrero, Couvillon, &amp; Associates, LLC partnered to provide MEP design of the facilities. The scope of work includes lighting, power, HVAC, plumbing, and fire alarm systems for the animal enclosures and habitats.</li> <li>• <b>Youth Study Center, New Orleans, Louisiana</b> - MCA provided electrical and mechanical design services for a new building of approximately 38,250 square feet, to include 28 sleeping units with sink/toilet combination with high security detention cell doors and locks; two classrooms; a clinic area; activity areas, day area (adjacent to the detention cells); two Social Workers offices, Guard Office, uni-sex restrooms, Electric/IT room, utility room, Custodial room, MP storage, visitor/reception area and outdoor recreation yard.</li> </ul>
<div style="display: flex; justify-content: space-between;"> <span>Revised 02/02/2022</span> <span>Page 7 of 20</span> </div>

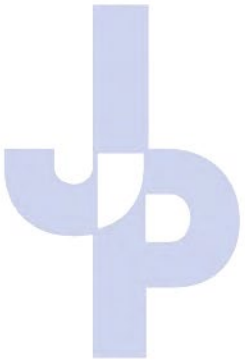

## TEC Professional Services Questionnaire

**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:	
<p>St. Tammany Parish Animal Services Isolation Building LaCombe, LA</p> <p>St. Tammany Parish Government Rob Bremer 985-871-4500</p>	<p>The St. Tammany Parish Animal Services provides a safe, clean facility for stray animals and unwanted pets. The Isolation Building houses animals, generally dogs, who for various reasons, including legal, need to be separated from the general population. Marrero, Couvillon &amp; Associates is providing architectural, mechanical and electrical design services for building upgrades. Mechanical engineering services include a new, code compliant HVAC system, and plumbing for a new kennel system that is being installed in the facility. Electrical engineering services include new lighting, and power distribution modifications for the HVAC system. Architectural services include necessary modifications for mechanical work, and rodent control modifications.</p>	
<div style="text-align: center;">  <p style="font-size: 2em; margin: 0;">Jefferson Parish</p> <p style="font-size: 1.2em; margin: 0;">State of Louisiana</p> </div>	<b>Estimated Cost:</b>	
	<b>Completion Date (Actual or estimated):</b>	<b>Entire Project:</b>
2023	\$125,000	\$30,000

## TEC Professional Services Questionnaire




<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Alliance for Sustainable Wildlife Center New Orleans, Louisiana</p> <p>Audubon Nature Institute/ Audubon Commission Steve Durand (504) 861-2537</p>	<p>Audubon Nature Institute and San Diego Zoo Global created a partnership to replenish animal populations that face possible extinction. The Alliance for Sustainable Wildlife devised strategies to ensure sustainable populations of unique and endangered zoo animals. Located at the Audubon Center for the Research of Endangered Species site in New Orleans, the Alliance is a haven for more than two dozen endangered and threatened mammal and bird species, including whooping cranes, okapis, and Maisai giraffes. Torre Design Consortium was selected as the Architect for this project and Marrero, Couvillon, &amp; Associates, LLC partnered to provide MEP design of the facilities. The scope of work includes lighting, power, HVAC, plumbing, and fire alarm systems for the animal enclosures and habitats.</p> <div style="text-align: center; margin-top: 20px;">  <div style="display: inline-block; vertical-align: middle;"> <h1 style="margin: 0;">Jefferson Parish</h1> <h2 style="margin: 0;">State of Louisiana</h2> </div> </div> <div style="text-align: center; margin-top: 20px;">  </div>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2016	\$11,000,000	\$3,100,000





## 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>Asian Elephant Exhibit &amp; Cool Zoo II New Orleans, Louisiana</p> <p>Audubon Nature Institute/ Audubon Commission Steve Durand (504) 861-2537</p>	<p>For these projects at the Audubon Zoo in New Orleans, Marrero, Couvillon &amp; Associates provided mechanical and electrical design services. The overall projects encompassed several major scope items – a new exhibit area for the Asian Elephants adjacent to the new elephant night house; a new night house and exhibit area for the orangutans, which utilizes the former elephant night house; and an expansion of the children's water park at the zoo, Cool Zoo, including construction of restroom concession facilities and a water feature, Lazy River. Working as sub to architect, Torre Design Consortium, MCA designed all the mechanical and electrical systems for those facilities.</p> <p>At the Asian Elephant exhibit, MCA designed pumping systems for the waterfall and river that are part of the habitat, as well as electrical distribution to equipment and lighting. For the orangutan night house and exhibit, MCA designed HVAC and plumbing systems, lighting and electrical power distribution, sprinkler system and fire alarm. Mechanical systems designed by MCA at the Cool Zoo expansion include HVAC and plumbing systems for restroom and concession facilities and ventilation and plumbing for the Lazy River Alligator House. Lighting and power to restroom, concession and alligator house facilities, as well as general site lighting and power distribution were included in MCA's electrical scope of work. Electrical design also included reconfiguration of major, existing site power distribution systems to clear areas for new construction.</p> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;">   </div>	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2015	\$13,000,000	\$2,800,000

## TEC Professional Services Questionnaire





<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Dog Park - New Orleans City Park, New Orleans, LA</p> <p>New Orleans City Park Meg Adams 504-483-9367</p>	<p>MCA is providing electrical and instrumentation engineering for a new 1,000 HP, 36" pump at the East Bank Wastewater Treatment Plant Effluent Pump Station, similar in configuration and capacity to the two existing 1,000 HP 36" pumps. MCA will also be providing electrical and instrumentation engineering for the modifications of the Effluent Pump Station pump discharge header to accommodate the new pump and to allow improvements to the flow of the parallel effluent force mains. MCA is providing electrical engineering and design to specify the new motor, drive and control, and their integration with the currently planned upgrades of the Effluent Pump Station electrical system. MCA is also providing electrical system modeling and upsizing of one substation transformer &amp; relocating another transformer to accommodate the additional electrical load due to the new 1000 HP pump.</p>	
		
		
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2009	UNKNOWN	\$400,000

## 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>Sea Lion Pond New Orleans, Louisiana</p> <p>Audubon Nature Institute/ Audubon Commission Steve Durand (504) 861-2537</p>	<p>The existing Sea Lion Pond/Exhibit at the Audubon Zoo in New Orleans was in need of equipment replacement/upgrade. Marrero, Couvillon &amp; Associates is providing mechanical and electrical engineering services for part of this work. MCA designed the installation of an additional chiller, part of a system to maintain the pool water temperature in the comfort level for the sea lions. MCA also designed ventilation for an exhibit equipment room and electrical distribution systems for the new chiller and ventilation fan.</p> <div style="text-align: center; margin-top: 20px;">  <div style="margin-left: 20px;"> <h1 style="margin: 0;">Jefferson Parish</h1> <h2 style="margin: 0;">State of Louisiana</h2> </div> </div> <div style="text-align: center; margin-top: 20px;">  </div>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2014	UNKNOWN	\$500,000



## TEC Professional Services Questionnaire




<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>City of New Orleans Youth Study Center New Orleans, LA</p> <p>City of New Orleans NANO, LLC. Ian A. Dreyer RA, NCARB (504) 486-3272</p>	<p>Addition of 24 beds to the existing new Orleans youth services center, a centrally located juvenile justice campus in new Orleans. MCA is providing electrical and mechanical design services for a new building of approximately 38,250 square feet, to include 28 sleeping units with sink/toilet combination with high security detention cell doors and locks; two classrooms; a clinic area; activity areas, day area (by the detention cells); two social workers offices, guard office, uni-sex restrooms, electric/it room, utility room, custodial room, MP storage, visitor/reception area, outdoor recreation yard and emergency power. This addition was constructed in addition to building "d" of the existing YSC center connected via a new passageway into the existing youth study center courtyard entrance.</p>	
		
		
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2018	\$12,000,000	\$2,500,000

## 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>	
<p>New Orleans Sewerage and Water Board Resiliency Complex New Orleans, Louisiana</p> <p>Sewerage and Water Board of New Orleans Ray Battaglia, P.E. (504) 865-0454</p>	<p>New Orleans Sewerage and Water Board Head House Renovation/Repurposing Critical Services Facility Center, EOC and Safe House (Resiliency Complex), New Orleans, Louisiana - – Renovation of an existing early 20th century 3-story building for use as Emergency Operations Building for the S&amp;WB, including Operations Center, office spaces, water quality testing lab, laundry and temporary living quarters. A new InFill Building, also 3-stories, will be built adjacent to the Safe House to provide a kitchen facility and additional office spaces. Marrero, Couvillon &amp; Associates is handling the Mechanical, Electrical, Plumbing and Fire Protection design.</p>	
<div style="display: flex; justify-content: space-around; align-items: center;">  <div style="text-align: center;"> <h1 style="color: #4a7ebb; margin: 0;">Jefferson Parish</h1> <h2 style="color: #4a7ebb; margin: 0;">State of Louisiana</h2> </div> </div> <div style="text-align: center; margin-top: 20px;">  </div>		
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2022	\$14,000,000	\$4,200,000

## TEC Professional Services Questionnaire

### PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Louisiana Wetland Education Center Lafitte, Louisiana</p> <p>Town of Jean Lafitte Mayor Timothy P. Kerner 504-689-2208</p>	<p>The Louisiana Wetland Education Center in the Town of Jean Lafitte will be an approximately 4,500 square foot interactive educational facility that will educate both local and national visitors on the importance of wetlands and wetlands restoration through the use of state-of-the-art exhibits and interactive displays. The project had several funding sources including National Restoration Damage Assessment (NRDA), LA SAFE, Louisiana Capital Outlay, and Jefferson Parish.</p> <p>Evans-Graves Engineers (EG) serves as the project manager and lead civil engineer for the project. Specific duties have included project development and agency consultation, site planning, design of preliminary and final plans, wetlands delineation oversight and coordination, permitting, and construction administration.</p>	
		
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$2,500,000	\$200,000



# TEC Professional Services Questionnaire

## PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Jones Creek Regional Branch Library Renovations and Additions Baton Rouge, Louisiana</p> <p>East Baton Rouge Parish Spencer Watts (225) 231-3700</p>	<p>MCA was responsible for the Mechanical, Electrical, Plumbing and Fire Protection for the Renovations and Additions to the Jones Creek Regional Branch Library. Design included a complete interior renovation of this existing 35,200 sf library branch and a new 3,200 sf addition. The scope included the addition of a new HVAC system for the expansion, as this was more economical than expanding the existing system, new roofing, new storefronts and curtainwall, new finishes throughout, new lighting, upgraded HVAC system, fire alarm and sprinkler systems, new FF&amp;E package, and site drainage modifications. Space planning and functional improvements included a new entry sequence for book return and check out, redesigned teen and children's areas, redesigned book stack layout, renovated restrooms and staff lounge, updated meeting rooms, increased study rooms and collaborative spaces, new conference room, new digital lab and quiet spaces for reading. As one of the most trafficked libraries in East Baton Rouge Parish, it was a requirement that the facility remain open for the duration of construction. Careful coordination between the Owner, Design Team, and Contractor insured that the building remained open, on schedule, and on budget to produce a successful result.</p> <div> </div> <div> <p>Jefferson Parish State of Louisiana</p> </div> <div> </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
2020	Entire Project:	Work for which Firm was Responsible:
	\$3,900,000	\$103,251

**TEC Professional Services Questionnaire**

**PROJECT NO. 10**

<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Low Barrier Shelter  New Orleans, Louisiana  City of New Orleans  1300 Perdido Street, Suite 6E15  New Orleans, LA 70112  Subconsultant to Mathes Group  Tony Alfortish  (504) 586-9303</p> <div> </div>	<p>Marrero, Couvillon &amp; Associates has provided mechanical and electrical engineering design for a homeless shelter for the City of New Orleans. The facility provides year round, 24 hours shelter for homeless adults with minimal restrictions. The work involved demolition and build-out within an existing building that was previously used for medical purposes. MCA provided engineering design for HVAC, plumbing, fire protection and electrical systems for the project. This facility is part of a larger building that is mostly unoccupied. The design effort included tracing down all domestic water systems and tying into existing supply systems and redesign of all plumbing in the shelter.</p> <div> </div> <div> </div>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2018	\$1,750,000	\$700,000

## **TEC Professional Services Questionnaire**

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

<b>Parties:</b>		<b>Status/Result of Case:</b>
<b>Plaintiff:</b>	<b>Defendant:</b>	
<b>1.</b> None		
<b>2.</b>		
<b>3.</b>		
<b>4.</b>		

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

**MARRERO, COUVILLON & ASSOCIATES, LLC (MCA)** MARRERO, COUVILLON & ASSOCIATES, LLC (MCA) is an engineering design consulting firm with over forty years of experience. Our engineering services include electrical, mechanical and plumbing (MEP) disciplines. Services within these disciplines include:

- Investigation/Evaluation/Recommendations for existing systems
- Design of new or upgraded MEP systems
- Construction Administration services
- Field Inspection services.

The firm is current with today's rapidly changing design technologies. In this regard, MCA offers design documentation in Revit, AutoCAD and Microstation.

Founded in Baton Rouge in 1968 by Hugo A. Marrero, Sr., P.E, MCA operates a second location in Metairie, La. The Metairie location is managed by Greg DeCoursey, A.I.A. Our in-house architect serves as a beneficial liaison between our engineering design teams and the over-all project concept.

MCA's certification as a Disadvantaged Business Enterprise (DBE) by the Unified Certification Program of the Louis Armstrong New Orleans International Airport, and the Louisiana Department Of Transportation And Development (DOTD) adds value to many publicly funded projects. Additional certifications include:

- State and Local Disadvantaged Business Enterprise (SLDBE)
- Small Entrepreneurship – Hudson Initiative
- Small and Emerging Business Development (SEBD)
- Small Business Administration 8A (SBA 8a)

In addition to our capacity as prime consultant on projects for owners, contractors, and governmental agencies, Marrero, Couvillon also performs engineering services as a sub-consultant to other design professionals. Our work covers a diverse range of public, commercial and industrial projects; large and small including:

- Sewerage and Drainage
- Historical Renovations
- Parks and Recreation, including zoos
- Commercial facilities such as hotels and restaurants
- Government facilities
- Airports – terminals, hangars, airfield power/lighting
- Highways, Bridges and Tunnels
- Industry, including sugar processing facilities and petrochemical installations
- Universities and schools.

## TEC Professional Services Questionnaire

MCA's team of experienced engineers, design technicians, Computer Aided Design/Drafting (CADD) staff, field technicians and specification writers work under the supervision of experienced project managers to develop professional construction documents used for the execution of engineering projects.

1. **Professional training and experience in relation to the type of work required for the routine engineering services.** The team of professionals at Marrero, Couvillon & Associates, LLC. has varied and extensive experience in providing electrical engineering services as prime consultant, or as subconsultants. Our engineering team has over 200 years of combined experience. As evident in our project experience in Section L, MCA has performed similar projects of all types and sizes.
2. **Size of firm.** Marrero, Couvillon & Associates has two complete departments for Mechanical Engineering and Electrical Engineering. Each department is run by a licensed Professional Engineer. Each department has designers and CAD technicians to proficiently handle the field visits, meetings, drawings and specifications meeting all code requirements to complete these projects safely, efficiently and to meet the needs of the Jefferson Parish. Our staff of 35 professionals are prepared to serve.
3. **Workload.** Presently MCA is seeking to diversify and expand its present workload and would welcome the opportunity to serve Jefferson Parish. As depicted in the chart below many of our project are in CA services, or nearing completion. The staff of MCA recognizes the required activities for this project and concludes that MCA has the capacity to meet the requirements to develop all aspects of the work associated with this project. MCA staff assigned to this project will be scheduled with all of the time necessary to provide services required, at the time when they are needed.

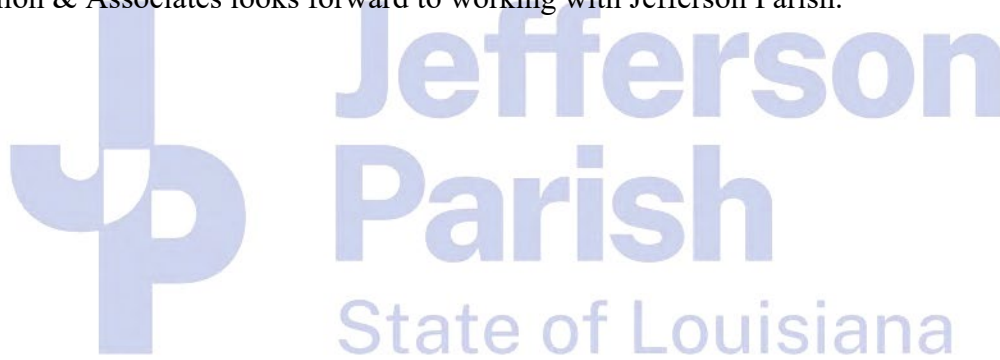
Project Name and Location	Current Status
City Hall & Civil Courts MEP Upgrades	CA Services
US 11 Bridge Rehabilitation	CA Services
LA Tuna Federal Bureau of Prisons	Design
Fort Worth Bureau of Prisons Modernize Electrical System	Design
New Orleans Police Department Firing Ranges	CA Services
Galveston 14th Street Drainage Improvements	CA Services
DeQuincy Airport T Hangars	Design
Skelly Rupp Stadium	Design
Lafayette Terminal Construction Administration	CA Services
Union Station Passenger Terminal Chiller Central Plant	CA Services
Municipal Court Renovations	Design
Treme Community Center Elevator Accessibility	Bidding
Avenger Field Lighting	Bidding
Natchitoches Airport Runway 7025 Rehab	Design
NWWTP Effluent Pump Station	Design
Department of Environmental Services Building Renovation	Design
Bluebonnet Boulevard Lighting	Design
Terrace Avenue Lighting	Design
VA Hospital Building Renovations	CA Services
North Boulevard Corridor Enhancement	Design




## TEC Professional Services Questionnaire

4. **Past Performance on Jefferson Parish contracts.** Marrero, Couvillon & Associates welcomes the opportunity to provide engineering services for Jefferson Parish. We were the subconsultants on the Bayou Segnette Pumping Station project. We were subconsultants on the West Esplanade F8-4, F\*-5 Lift Station project and the Upper LA 45 Tidal Storm Surge Protection Project. We have not worked as a prime to the parish for many years. We have, however, been involved with many projects within Jefferson Parish, including projects for the design of the New Terminal for the Louis Armstrong International Airport in Kenner, and the rehabilitation of Harvey Canal Tunnel.
5. **Location of the principal office.** Marrero, Couvillon & Associates offers two locations to best meet our client needs. Our Metairie office located at 3525 Hessmer Ave. will serve as our headquarters for this project.
6. **Adversarial Legal proceedings between the Parish and the firm.** MCA has never encountered an adversarial situation with Jefferson Parish and plans to keep it that way.
7. **References for successful completion of projects.** MCA is pleased to provide references for projects of similar nature. Please refer to Section L, Work by Firm, Project owner names and contact information.

Marrero, Couvillon & Associates looks forward to working with Jefferson Parish.



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

Signature:  \_\_\_\_\_ Print Name: Greg DeCoursey, AIA  
Title: Project Manager \_\_\_\_\_ Date: March 27, 2023

## MARRERO, COUVILLON & ASSOCIATES, LLC LICENSE

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

**Name:**

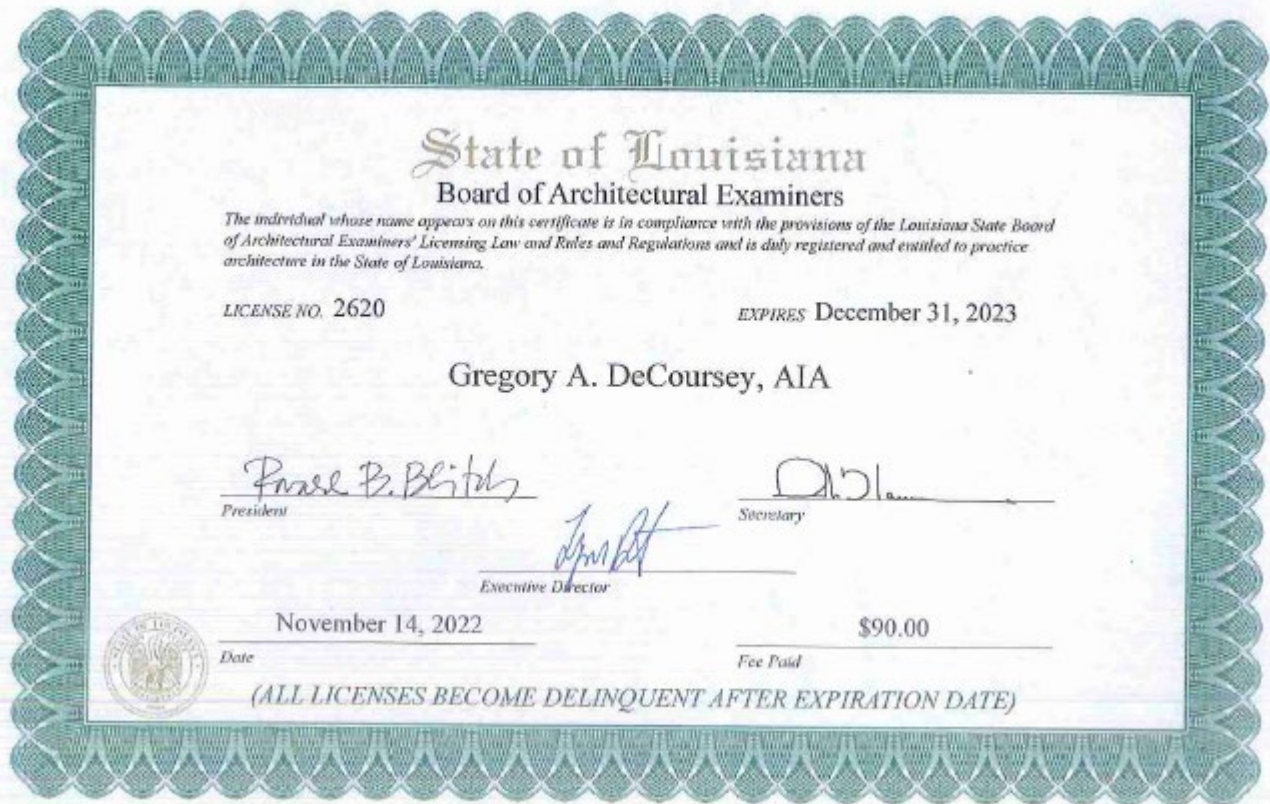
**Marrero, Couvillon &  
Associates, LLC**

**Public Address:**

4354 South Sherwood Forest Boulevard  
Suite D200  
Baton Rouge, Louisiana 70816

**License/Certificate Information w/ Supervision**

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002925	Active	02/25/2003	03/31/2024	Mr. Brian Thomas Miller # PE.0026080 - Active; Mr. Robert Mejia # PE.0025414 - Active



**MARRERO, COUVILLON & ASSOCIATES, LLC ENGINEERING LICENSES**



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. Christian Stephen Schade**

License/Certificate Type - Number

Expiration Date

**PE.0032483**

**09/30/2024**

Status: **Active**



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. Brian Thomas Miller**

License/Certificate Type - Number

Expiration Date

**PE.0026080**

**09/30/2023**

Status: **Active**



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. Maffitt Kimball Schlafly**

License/Certificate Type - Number

Expiration Date

**PE.0027699**

**09/30/2022**

Status: **Active**



U.S. Small Business  
Administration

U.S. Small Business Administration  
Louisiana District Office  
500 Poydras Street, Suite 828  
New Orleans, LA 70130

July 25, 2022

Carlos Giron  
Marrero, Couvillon & Associates, LLC  
4354 S Sherwood Forest Blvd, Ste D200  
Baton Rouge, LA 70820

Dear Mr. Giron:

The LOUISIANA DISTRICT OFFICE of the U.S. Small Business Administration (SBA) has completed its review of your 8(a) Annual Update in [Certify.sba.gov](https://certify.sba.gov) for program year May 1, 2021 to April 30, 2022. It is our determination that your firm continues to meet the criteria for 8(a) status.

Your actual 8(a) Program year began on April 21, 2021, but we have rounded it off to the beginning of the nearest month (May 1, 2021) to facilitate your record keeping.

Most contracts that are awarded under the 8(a) Program are usually a result of the self-marketing efforts of the 8(a) firm. SBA will do its best to assist you in your efforts to obtain contracting opportunities.

You are encouraged to utilize all of the SBA's business counseling resources available to you including the Service Corps of Retired Executives (SCORE), the Women's Business Resource Center (WBRC), and the Small Business Development Centers (SBDCs). Please feel free to contact Alec Banks, Business Development Specialist at 504-589-2054 to discuss these services or your firm's developmental requirements.

We wish you continued success in the growth and development of your business.

Sincerely,

A handwritten signature in blue ink, appearing to read "Alec Banks". The signature is stylized and fluid, with a long, sweeping line extending from the end of the name.

Alec Banks  
Business Opportunity Specialist  
8(a) Business Development  
Louisiana District Office



# STATE & LOCAL DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

1340 Poydras Street, Suite 1800 | New Orleans, LA 70112



September 28, 2022

VIA EMAIL

Carlos Giron  
**Marrero Couvillon & Associates, LLC**  
4354 Sherwood Forest Blvd.  
Suite D200  
Baton Rouge, LA 70816  
[svincent@mca-llc.com](mailto:svincent@mca-llc.com)

**RE: SLDBE Re-certification Approval**

Dear Carlos Giron:

We are pleased to inform you that **Marrero Couvillon & Associates, LLC** has been approved for re-certification as a State & Local Disadvantaged Business Enterprise (SLDBE). This approval represents certification with: City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel.

Your firm's contact information will be active on the online SLDBE Directory (<http://www.nola.gov/economic-development/supplier-diversity/directory/>). It will reflect your areas of certification. Your specialties will be listed as:

**CERTIFICATION DESCRIPTION: ENGINEERING CONSULTING; MECHANICAL ENGINEERING; ELECTRICAL ENGINEERING; CONSTRUCTION MANAGEMENT; ARCHITECTURAL SERVICES**

NAICS 541330: ELECTRICAL ENGINEERING SERVICES  
NAICS 236118: ADDITION, ALTERATION AND RENOVATION, MULTIFAMILY BUILDING, GENERAL CONTRACTORS  
NAICS 236118: ADDITION, ALTERATION AND RENOVATION, RESIDENTIAL BUILDING, GENERAL CONTRACTORS  
NAICS 236220: ADDITION, ALTERATION AND RENOVATION, GENERAL CONTRACTORS, COMMERCIAL AND INSTITUTIONAL BUILDING  
NAICS 236220: CONSTRUCTION MANAGEMENT, COMMERCIAL AND INSTITUTIONAL BUILDING  
NAICS 237120: CONSTRUCTION MANAGEMENT, OIL AND GAS PIPELINE  
NAICS 541310: ARCHITECTURAL SERVICES  
NAICS 541330: ENGINEERING SERVICES  
NAICS 541330: MECHANICAL ENGINEERING SERVICES

A re-certification notice will be emailed to you prior to the date of expiration. **However, should you not receive notification from this office for your re-certification, it is your responsibility to contact us.** Submittal of this information is necessary to ensure that there is no interruption in your certified status during your certification period. If a re-certification application is not received, we will proceed with decertification procedures.

We invite you to view City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel websites for SLDBE opportunities.

If we can be of further assistance, you may contact us at 504-658-4275 or via e-mail at [saoliva@nola.gov](mailto:saoliva@nola.gov).

Sincerely,

*Sonia Oliva*

Sonia Oliva  
Certification Coordinator



**DIVISION OF SMALL BUSINESS SERVICES**

This certification acknowledges that

**Marrero, Couvillon & Associates, LLC**

is Certified-Active as a Small Entrepreneurship with  
Louisiana Economic Development's Hudson Initiative.

This certification is valid from 1/10/2023 to 1/10/2024 .

Certification No. 15296

A handwritten signature in black ink, reading "Stephanie Hartman", is written over a horizontal line.

**Stephanie Hartman,  
Director, Small Business Services**



**DIVISION OF SMALL BUSINESS SERVICES**

This certification acknowledges that

**Marrero, Couvillon & Associates, LLC**

is Certified-Active as a Small Entrepreneurship with  
Louisiana Economic Development's Veteran Initiative.

This certification is valid from 1/10/2023 to 1/10/2024 .

Certification No. 15296

A handwritten signature in black ink, reading "Stephanie Hartman", is written over a horizontal line.

**Stephanie Hartman,  
Director, Small Business Services**

THIS CERTIFIES THAT

**Marrero Couvillon & Associates, LLC**



\* Nationally certified by the: **SOUTHERN REGION MINORITY SUPPLIER DEVELOPMENT COUNCIL**

\*NAICS Code(s): 541330; 236210; 236220; 237990; 238210; 238220; 541310

\* Description of their product/services as defined by the North American Industry Classification System (NAICS)

01/04/2023

**Issued Date**

SR02618

**Certificate Number**

01/04/2024

**Expiration Date**

  
**Ying McGuire**  
**NMSDC CEO and President**

  
**Alvin-o Williams Interim President/CEO**

By using your password (NMSDC issued only), authorized users may log into NMSDC Central to view the entire profile: <http://nmsdc.org>

*Certify, Develop, Connect, Advocate.*

\* MBEs certified by an Affiliate of the National Minority Supplier Development Council, Inc.®





## UCP SEARCH RESULTS

[New Search](#)[Export to Excel](#)**Contractor****Owner****Certifying Agency****Work Type****Marrero, Couvillon & Associates, LLC**

4354 S. Sherwood Forest Blvd.

Baton Rouge, LA 70816

Carlos Giron

Louis Armstrong New Orleans International Airport

541330-Engineering Services

541310-Architectural Services

C02-Mechanical Engineering

C88-Architectural Services

C07-Electrical Engineering

**Business Type****Minority Type****Phone****E-Mail Address****Service Type****License****FAX**

Minority Business Enterprise

225-408-8249

225-408-8244

CGIRON@MCA-LLC.COM

ARCHITECTURE SERVICES, ENGINEERING SERVICES,  
AIRPORT CONCESSION

**D. ROBERT A. BOUCHON CONSULTING  
ENGINEER, LLC**

**Subconsultant: Structural Engineering**

- **TEC Professional Services Questionnaire**

## TEC Professional Services Questionnaire

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

Design and Construction Administration of a New East Bank Jefferson Parish Animal Adoption & Services Facility, Resolution No. 141465

**B. Firm Name & Address where Project work will be performed:**

Robert A. Bouchon!!  
Consulting Engineer, LLC  
1050 S. Norman C. Francis Pkwy. Suite 314  
New Orleans, LA 70125

**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:**

Robert A. Bouchon  
President, LA LICENSE # PE-24004  
504 304 2312  
RobertBouchon@aol.com

**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.**

Same.

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

<u>1</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>      </u> Geotechnical Engineers	<u>      </u> Graduate Engineers
<u>1</u> Civil Engineers	<u>      </u> Interior Designers	<u>      </u> Project Managers
<u>      </u> Construction Inspectors	<u>      </u> Landscape Architects	<u>      </u> Clerical
<u>      </u> Ecologists	<u>      </u> Land Surveyor	<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>      </u> Professional Land Surveyors		<u>2</u> <b>TOTAL</b>

**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:**  
 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. NONE		
2.		
3.		

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

2 \_\_\_\_\_



## 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:**

Robert A. Bouchon  
President

**Project Assignment:**

Foundation & Structural Design Services

**Name of Firm with which associated:**

Robert A. Bouchon  
Consulting Engineer, LLC

**Years' experience with this Firm:**

38

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

BS Civil Engineering  
Tulane University 1983

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

LA PE #24004 CIVIL 1987  
MS PE #13280 CIVIL 1997  
AL PE #22270 CIVIL 1997

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

Mr. Bouchon has practiced engineering in the New Orleans Area since his graduation from Tulane University School of Engineering in 1983. He specializes in the design of foundations and structural systems for all types of architectural projects. He has successfully completed countless projects throughout southeastern Louisiana over the past 38 years.

## 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:	
Christian Brothers School City Park Campus New Orleans, LA  Classroom Wind and Multi Purpose Auditorium  Ryan Gootee Ryan Gootee General Contractor	Foundation and Structural Engineering Services.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2010	\$ 6,800,000.00	\$2,000,000.00

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
LSU Main Campus Baton Rouge, LA  Auditorium and Rehearsal Building for the LSU Band Program.  Mike Howard HMS Architecture	Foundation and Structural Engineering Services.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2010	\$ 8,600,000.00	\$ 2,400,000.00

### **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>	
Clancy Elementary School Kenner, LA  Classroom Wing Addition  Russell Burgdahl Burgdahl & Graves Architects 504 366 4433	Foundation and Structural Engineering Services.	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
August 2009	\$ 3,100,000.00	\$ 900,000.00

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
South Central Planning Office Building - Houma, LA  17,500 SF Office Building  Houston Lirette Architect 985 851 1484	Foundation and Structural Design Services	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
January 2017	\$ 3,200,000.00	\$ 900,000.00

## 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>	
Gretna Fire Station McDonoghville Substation Gretna, LA  Calvin Rice Koch & Wilson Architects 504 581 7023	Foundation and Structural Engineering Services	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
January 2016	\$ 2,400,000.00	\$ 800,000.00

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Terrebonne Parish Emergency Operations Facility Houma, LA  Houston Lirette, Architect 504 851 1484	Foundation and Structural Engineering Services	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
January 2017	\$ 6,400,000.00	\$ 1,900,000.00



## 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>	
Keller Elementary School Metairie, LA  New 8,000 SF Classroom Building  Russell Burgdahl, Architect 504 366 4433	Foundation & Structural Engineering Services	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
May 2017	\$ 1,600,000.00	\$ 475,000.00

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
JC Ellis Elementary School Metairie, LA  Cafeteria Addition & Renovation  Russell Burgdahl, Architect 504 366 4433	Foundation and Structural Engineering services.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
May 2017	\$ 1,100,000.00	\$ 400,000.00

## 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>	
Delgado Community College City Park Campus  9500 SF New Child Care Building  Russell Burgdahl - Architect 504 366 4433	Foundation and Structural Engineering Services	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
October 2010	\$ 1,800,000.00	\$ 525,000.00

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Hahnville High School St. Charles Parish  Classroom Wing Addition  Char Montgomery HMS Architects	Foundation and Structural Engineering Services	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
May 2014	\$ 6,400,000.00	\$ 1,900,000.00

## 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. NONE		
2.		
3.		
4.		

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

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

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

Print Name: \_\_\_\_\_

Robert Bouchon

Title: \_\_\_\_\_

President

Date: \_\_\_\_\_

March 30, 2023

## ROBERT A. BOUCHON CONSULTING ENGINEER, LLC LICENSE

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

Name:		Public Address:		
Robert A. Bouchon, Consulting Engineer LLC		6555 Memphis Street New Orleans, Louisiana 70124		
License/Certificate Information w/ Supervision				
License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0003072	Active	01/06/2004	03/31/2024	Mr. Robert Allen Bouchon # PE.0024004



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

**Mr. Robert Allen Bouchon**

License/Certificate Type - Number

**PE.0024004**

Expiration Date

**03/31/2024**

Status: **Active**



# **E. BFM CORPORATION, LLC**

**Subconsultant: Topographic Surveying**

- **TEC Professional Services Questionnaire**

## TEC Professional Services Questionnaire

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

**Design and Construction Administration of a New East Bank  
Jefferson Parish Animal Adoption & Services Facility**

**SOQ 23-006 | Resolution No. 141465**

**B. Firm Name & Address:**



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

**BFM Corporation, LLC**  
15 Veterans Memorial Boulevard  
Kenner LA 70062

**C. Name, title, & 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**  
504-468-8800 • 504-460-5239 cell • cpoche@bfmcorporation.com  
Registered Professional Civil Engineer, Louisiana No. 27667 (since 1998)

**D. Name, title, & 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., Executive Vice President • LA License No. 4329 (1974)**  
504-468-8800 • 504-451-7500 cell • 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:**

4	Administrative	-	Estimators	-	Specification Writers
-	Architects (Licensed)	-	Geologists	-	Structural Engineers
-	Chemical Engineers	1	Geotechnical Engineers	-	Graduate Engineers
-	Civil Engineers	-	Interior Designers	2*	Project Managers
-	Construction Inspectors	-	Landscape Architects	-	Clerical ( <i>see Administrative</i> )
-	Ecologists	-	Land Surveyor ( <i>see PLS</i> )	-	Grant/Funding Specialist
-	Electrical Engineers	-	Mechanical Engineers	-	Sanitary Engineers
-	Engineer Intern	-	Environmental Engineers	1	Principals
2	Professional Land Surveyors			1	Researcher/Archivist
				3	Drafting/AutoCADD
				5	Survey Crew Chiefs
				6	Instrument Men
				<b>24</b>	<b>TOTAL</b>

\* Project Manager also noted in Professional Land Surveyor, but overall employee count is correct.

**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 a 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>		
<b>1. N/A</b>		
<b>2.</b>		
<b>H. Has this JOINT-VENTURE previously worked together? Please check:</b> YES _____ NO _____ <b>N/A</b>		
<b>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.</b>		
<b>Name &amp; Address:</b>	<b>Specialty:</b>	<b>Worked with Prime Before (Yes or No):</b>
<b>1. N/A</b>		
<b>2.</b>		
<b>3.</b>		
<b>J. Please specify the total number of support personnel that may assist in the completion of this Project:</b>  <u>24</u> (all personnel, primary and support, will be available on all assigned projects)		

## 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 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

**Project Assignment:**

Registered Professional Land Surveyor

**Name of Firm with which associated:**

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

**Years experience with this Firm:**

41 years (Founding Principal of BFM in 1982); 56 years total (1967)  
Gulf South Engineering and Testing, Inc. | 2017 to present  
BFM Corporation, LLC | 1982 to present  
Surveys, Inc. | 1967 to 1982  
The Boeing Company | 1964 to 1967

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

Coursework, Building, Delgado College, New Orleans  
Coursework, Math, University of New Orleans

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

1974, Professional Land Surveyor (Louisiana Lic. No. 4329)  
1974, Professional Land Surveyor (Mississippi Lic. 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 work has included projects for numerous branches of



## TEC Professional Services Questionnaire

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

*Ralph P. Fontcuberta, Jr., PLS (continued)*

virtually every regional city/parish/town government, multiple State agencies (LA Dept. of Natural Resources (LADNR)/Coastal Protection & Restoration Administration (CPRA), LA 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 before 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:

- New West Bank Animal Shelter, Jefferson Parish, LA
- Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA
- Clancy-Maggiore Elementary School for the Arts Survey, Kenner, Jefferson Parish, LA
- Marrero Wastewater Treatment Plant Operations Building, Jefferson Parish, LA
- Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA
- Haynes Academy School, Metairie, Jefferson Parish, LA
- Rivarde Maintenance Facility, Jefferson Parish, LA
- Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA
- Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA
- East Jefferson General Hospital, Metairie, Jefferson Parish, LA
- East Jefferson High School Courtyard Improvements, Metairie, Jefferson Parish, LA
- Lasalle Rest Room Building, Jefferson Parish, LA
- Medical Building Ground Lease Area, East Jefferson General Hospital, Jefferson Parish, LA
- West Jefferson Medical Center, Marrero, Jefferson Parish, LA
- Fire Station No. 12, Jefferson Parish, LA
- Jefferson Parish Recreation Department Office, Metairie, Jefferson Parish, LA
- Parish-Wide Safe House Program (Multiple Locations throughout the Parish), Jefferson Parish, LA
- Jefferson Parish Sheriff's Office at Parc Des Familles, Jefferson Parish, LA
- Jefferson Playground/Gym Building, Jefferson Parish, LA
- Administration Building (501 Manhattan Blvd), Jefferson Parish School System, Jefferson Parish, LA
- Fire Station, Edwards & Pepsi, Harahan, Jefferson Parish, LA
- Lafitte Arts Center, Jefferson Parish, LA
- West Jefferson Medical Center (WJMC) Emergency Generators, Jefferson Parish, LA
- West Bank Regional Library, Harvey, Jefferson Parish, LA
- Kings Grant Gymnasium Elevator Replacement, Marrero, Jefferson Parish, LA
- Government Complex Pocket Park, Jefferson Parish, LA
- Multipurpose Building at Mike Miley Playground, Jefferson Parish Parks & Recreation, LA
- Bridge City Fire Training Facility (Slab Certificate), Bridge City, Jefferson Parish, LA

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Chad M. Poché, P.E.**  
Executive Vice President

**Project Assignment:**

Engineering Liaison

**Name of Firm with which associated:**

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

**Years experience with this Firm:**

6 years (became partial owner of BFM in 2017); 30 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:**

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

**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

## TEC Professional Services Questionnaire

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

*Chad M. Poché, P.E. (continued)*

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.

BFM Corporation projects overseen by Mr. Poché would include:

**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)

**Proposed Lafreniere Food Pavilion, Lafreniere Park, 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)

**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)

**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)

**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)

**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

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

**Name & Title:**

**John Philip Thayer**  
Field Operations Supervisor

**Project Assignment:**

Field Operations Supervisor

**Name of Firm with which associated:**

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

**Years experience with this Firm:**

15 years (joined BFM in 2008); 16 years total (2007)  
BFM Corporation, LLC | 2008 to present  
Delle Land Surveying | 2007 to 2008

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

B.S., 2007, Physical Education, Trevecca Nazarene University

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

Professional Land Surveyor Registration in process, State of Louisiana

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

Phil Thayer is a Field Operations Supervisor with more than 15 years experience in field surveying services, including ALTA/as-built surveying, construction layout, boundary, topographic, cross-sections, GPS use, and numerous other surveying types.

**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)

**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)

**Multipurpose Building at Mike Miley Playground, Jefferson Parish Parks & Recreation, LA.** BFM provided topographic surveying services. (\$3,078 (fee); 2009)



## TEC Professional Services Questionnaire

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

*John Philip Thayer (continued)*

**Proposed Lafreniere Food Pavilion, Lafreniere Park, 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)

**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)

**Multipurpose Building at Mike Miley Playground, Jefferson Parish Parks & Recreation, LA.** BFM provided topographic surveying services. (\$3,078 (fee); 2009)

**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)

**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)

**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)

**Lincoln Elementary School, Marrero, Jefferson Parish Public Schools, Jefferson Parish, LA.** BFM provided topographic surveying services for a project at Lincoln Elementary School, located at 1429 Ames Boulevard in Marrero. Survey was requested by John O'Connor of Hewitt-Washington & Associates. (\$18,160 (fee); 2009)

**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

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

#### Name & Title:

**Gary J. Lambert, Jr., PLS**  
Registered Professional Land Surveyor

#### Project Assignment:

Registered Professional Land Surveyor; Project Manager/Drafting Supervisor

#### Name of Firm with which associated:

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

#### Years experience with this Firm:

5 years (joined BFM in 2018); 12 years total  
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 Lic. 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 relevant to the proposed Project:

*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 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)

**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)


**5th & 9th Sewer Lift Station Upgrades, Harvey, Jefferson Parish, LA.** BFM's scope involved a topographic survey of the project site, located at the intersection of 5th Avenue & 9th Street. All information associated with the lift station was obtained by BFM; this included top of casting elevation, pipe size/type, direction, and invert elevations. BFM also provided the Finished Floor Elevation of the lift station building and elevation of the electrical slab associated with it. Deliverables included hardcopy and AutoCAD DWG format files. (\$6,790 (fee); 2019)

**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 western-most driveway-accessing parking lot. Spot elevations were taken at 5 ft. intervals. Property corners were also located in the survey. (\$2,275 (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)

**Proposed Lafreniere Food Pavilion, Lafreniere Park, 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

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Christopher Lemley</b> Quality Control Supervisor
<b>Project Assignment:</b>
Quality Control Supervisor
<b>Name of Firm with which associated:</b>
 Professional Land & Hydrographic Surveying
<b>Years experience with this Firm:</b>
9 years (joined BFM in 2014); 17 years total (2006) BFM Corporation, LLC   2014 to present G.E.C., Inc.   2010 to 2014 Krebs, LaSalle, LeMieux Consultants, Inc.   2006 to 2010
<b>Education: Degree(s)/Year/Specialization:</b>
High School Diploma
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Chris Lemley's services as BFM's Quality Control Supervisor includes overseeing all 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 &amp; 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).</p> <p><b>Clancy-Maggiore Elementary School for the Arts, Kenner, Jefferson Parish, LA.</b> 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)</p>



## TEC Professional Services Questionnaire

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

*Christopher Lemley (continued)*

**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. Improvements included drainage structures, sewer cleanouts, 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)

**Lasalle Rest Room Building, Jefferson Parish, LA.** BFM prepared a boundary survey (with topographic services) for the project, elements of which included TBM, 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)

**Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA.** BFM provided stake-out services (four corners) for the 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)

**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)

**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)

**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)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Thomas O. Wright**  
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:**

15 years (joined BFM in 2008); 46 years total (1977)  
BFM Corporation, LLC | 2013 to present  
Boh Bros Construction, LLC | 2012 to 2013  
Landmark Surveying, Inc. | 2009 to 2011  
Gilbert Southern Corp. | 2000 to 2008  
PBS&J Corp. | 1997 to 1999

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

High School Diploma

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

American Traffic Safety Service Assn. – Traffic Flagger/Control Technician/Control Supervisor  
Basic OSHA Training - Completed  
Transportation Work Identification Card (TWIC)

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

Thomas Wright has over 45 years of experience in surveying services, including a multitude of project types (water, wastewater, storm water, drainage, roadway, etc.) and thousands of projects throughout the region. He has extensive Treasure Chest Casino, Kenner, Jefferson Parish, LA. BFM's services included boundary and topographic survey for the project site at the Treasure Chest Casino located on the lakefront in Kenner, Louisiana. BFM established baselines and temporary benchmarks, provided location of existing improvements and visible utilities, provided spot elevations at 25 ft. intervals within limits, and located property corners to establish right-of-way and boundaries. (\$65,940 (fee); 2021) e surveying experience throughout the City of New Orleans. He has multiple ATSSA (American Traffic Safety Service Association) certifications (including Traffic Control Technician, Traffic Control Supervisor, and Traffic Flagger), and has completed the Basic OSHA Training Course. He is also TWIC (Transportation Work Identification Card) certified.

## TEC Professional Services Questionnaire

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

*Thomas O. Wright (continued)*

**New West Bank Animal Shelter, Jefferson Parish, LA.** BFM Corporation provided topographic surveying services for the proposed animal shelter site located at the corner of Lapalco Boulevard and Peters Road. Scope included establishing a TBM, providing minimum slab elevation (FEMA), taking elevations throughout the site, and locating property lines and noting adjoining ROWs. Improvements were located within the designated limits of survey, as were above & below-ground utilities. The survey provided the location of existing storm sewer and sanitary sewer structures. Spot elevations on paving or other hard surfaces were also plotted. For natural elements, BFM located specimen trees and outlined massed trees, shrubs, and undergrowth. Deliverables included hardcopy and DWG format files. (\$5,800 (fee); 2014)

**Treasure Chest Casino, Kenner, Jefferson Parish, LA.** BFM's services included boundary and topographic survey for the project site at the Treasure Chest Casino located on the lakefront in Kenner, Louisiana. BFM established baselines and temporary benchmarks, provided location of existing improvements and visible utilities, provided spot elevations at 25 ft. intervals within limits, and located property corners to establish right-of-way and boundaries. (\$65,940 (fee); 2021)

**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)

**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)

**Proposed Lafreniere Food Pavilion, Lafreniere Park, 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)

**Marrero Wastewater Treatment Plant Operations Building, Jefferson Parish, LA.** BFM Corporation provided surveying services for the project, located on the West Bank of Jefferson Parish in Marrero. BFM's scope of services included obtaining title data, supplementing with courthouse research as needed. The field survey involved plotting of servitudes and location of improvements, as well as utilities and drainage. Data from the field survey was processed and compared with the title information. Boundary surveying included monumentation and establishing both temporary benchmarks & construction benchmark as well as surveying elevations. Deliverables included indelible prints and AutoCAD DWG format drawing files. (\$8,573 (fee); 2015)

## 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:**

**B<sup>2</sup>F<sup>2</sup>M CORPORATION, LLC**  
Professional Land & Hydrographic Surveying

**Years experience with this Firm:**

33 years (joined BFM in 1990); 33 years total (1990)  
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  
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). He is American Traffic Safety Service Association certified as a Traffic Flagger, and is Transportation Work Identification Card (TWIC) certified.

**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)



## TEC Professional Services Questionnaire

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

*Curtis "Jay" Barrios (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)

**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)

**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)

**New Veterans Administration Hospital, First District, Orleans Parish, LA.** BFM provided surveying services for the project. This included the general area around the building, South Galvez between Canal Street & Tulane Avenue, and a general survey of the existing infrastructure within the project limits. (\$88,944 (fee); 2010)


**Parish-Wide Safe House Program, Jefferson Parish, LA.** BFM provided surveying services associated with elevated safe houses at multiple locations throughout Jefferson Parish; this was part of a Parish-wide project to establish safe houses for pumping stations at multiple locations which will allow pump operators to safely remain at their station, ensuring the pumps continue to operate, during a hurricane event. (\$112,490 (fee); 2005 - 2007)

**West Jefferson Medical Center, Marrero, Jefferson Parish, LA.** BFM provided surveying services including staking and location of improvements. (\$6,900 (fee); 2005 )

**Grand Isle Multiplex Center, Jefferson Parish, LA.** BFM provided boundary and topographic survey to provide elevations & right-of-way information. (\$13,600 (fee); 2004)

**Jefferson Parish Administrative Building, Jefferson Parish, LA.** BFM provided topographic surveying services for this project. (\$7,500 (fee); 2000)

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<p><b>Anthony Watson</b> CADD Technician</p>
<b>Project Assignment:</b>
<p>CADD Technician</p>
<b>Name of Firm with which associated:</b>

<b>Years experience with this Firm:</b>
<p>12 years (joined BFM in 2011); 32 years total (1992)  <i>BFM Corporation, LLC   2011 to present</i>  <i>Krebs LaSalle Lemieux / GEC   2008 to 2011</i>  <i>Doug Connally and Associates Land Surveying (Dallas, TX)   1995-2008</i>  <i>Electrician   1991 to 1995</i>  <i>City of Plano TX (Part-Time Drafting Services)   1991</i></p>
<b>Education: Degree(s)/Year/Specialization:</b>
<p>Coursework - CAD, Avatech Solutions, Los Colinas, TX</p>
<b>Active registration: Year first registered/discipline:</b>
<p>NA</p>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>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 &amp; profile, etc.) in both drafting and field environments.</p> <p><b>Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.</b> 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)</p>

## TEC Professional Services Questionnaire

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

*Anthony Watson (continued)*

**New West Bank Animal Shelter, Jefferson Parish, LA.** BFM Corporation provided topographic surveying services for the proposed animal shelter site located at the corner of Lapalco Boulevard and Peters Road. Scope included establishing a TBM, providing minimum slab elevation (FEMA), taking elevations throughout the site, and locating property lines and noting adjoining ROWs. Improvements were located within the designated limits of survey, as were above & below-ground utilities. The survey provided the location of existing storm sewer and sanitary sewer structures. Spot elevations on paving or other hard surfaces were also plotted. For natural elements, BFM located specimen trees and outlined massed trees, shrubs, and undergrowth. Deliverables included hardcopy and DWG format files. (\$5,800 (fee); 2014)

**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)

**Fulton Street Pump Station, Jefferson Parish, LA.** BFM Corporation provided boundary with topographic survey for the Fulton Street Pump Station project. The scope of services included establishing horizontal control, setting Temporary Benchmarks, and plotting the location of improvements & topographic elements (man-made and natural). BFM also determined the depth, size, and type of pipes within surface observable drainage, sewerage, and water structures as established. For the topographic survey, spot elevations did not exceed a 25-foot grid within the Limits of Survey and included bottom of canal elevations along adjacent wall. (\$11,890 (fee); 2017)

**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)

**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)

**Proposed Lafreniere Food Pavilion, Lafreniere Park, 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:

**Kevin A. Roberts**  
CADD Technician

#### Project Assignment:

CADD Technician

#### Name of Firm with which associated:

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

#### Years experience with this Firm:

5 years (joined BFM in 2018); 38 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:

NA

#### 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.

**Proposed Lafreniere Food Pavilion, Lafreniere Park, 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

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

*Kevin A. Roberts (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)

**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)


**5th & 9th Sewer Lift Station Upgrades, Harvey, Jefferson Parish, LA.** BFM's scope involved a topographic survey of the project site, located at the intersection of 5th Avenue & 9th Street. All information associated with the lift station was obtained by BFM; this included top of casting elevation, pipe size/type, direction, and invert elevations. BFM also provided the Finished Floor Elevation of the lift station building and elevation of the electrical slab associated with it. Deliverables included hardcopy and AutoCAD DWG format files. (\$6,790 (fee); 2019)

**Lamar-Dixon Gym Expansion, Gonzales, Ascension Parish, LA.** BFM provided all services for a Topographic Survey for the Lamar-Dixon Gym Expansion in Gonzales. Scope included establishing a Temporary Benchmark and a Construction Benchmark. Utilities and piping for utilities were located. The existing building (and specific elements thereof) was located, including spot elevations and Finished Floor Elevations at each entrance. Project deliverables included three original FEMA Elevation Certificates and a Construction Benchmark Certificate. (\$8,000 (fee); 2019)

**Treasure Chest Casino, Kenner, Jefferson Parish, LA.** BFM's services included boundary and topographic survey for the project site at the Treasure Chest Casino located on the lakefront in Kenner, Louisiana. BFM established baselines and temporary benchmarks, provided location of existing improvements and visible utilities, provided spot elevations at 25 ft. intervals within limits, and located property corners to establish right-of-way and boundaries. (\$65,940 (fee); 2021)

**Hospital Expansion Project, Chalmette, St. Bernard Parish, LA.** BFM provided surveying services for the project, located at 8000 West Judge Perez Drive in Chalmette. The scope included a topographic and utility survey, four temporary benchmarks, and location of improvements, utilities & trees. BFM further established finished floor elevations and took spot elevations at 25 ft intervals. (\$35,280 (fee); 2020)

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<p><b>Dawn Hoffman</b> Researcher/Archivist</p>
<b>Project Assignment:</b>
<p>Researcher/Archivist</p>
<b>Name of Firm with which associated:</b>

<b>Years experience with this Firm:</b>
<p>14 years (joined BFM in 2009); 26 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></p>
<b>Education: Degree(s)/Year/Specialization:</b>
<p>A.D., 1999, Computer-Aided Drafting, Southeast College of Technology          Certificate, 2003, Introduction to ArcGIS, Louisiana State University</p>
<b>Active registration: Year first registered/discipline:</b>
<p>NA</p>
<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>New West Bank Animal Shelter, Jefferson Parish, LA.</b> BFM Corporation provided topographic surveying services for the proposed animal shelter site located at the corner of Lapalco Boulevard and Peters Road. Scope included establishing a TBM, providing minimum slab elevation (FEMA), taking elevations throughout the site, and locating property lines and noting adjoining ROWs. Improvements were located within the designated limits of survey, as were above &amp; below-ground utilities. The survey provided the location of existing storm sewer and sanitary sewer structures. Spot elevations on paving or other hard surfaces were also plotted. (\$5,800 (fee); 2014)</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. Improvements included drainage structures, sewer cleanouts, 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>

## TEC Professional Services Questionnaire

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

*Dawn Hoffman (continued)*

**Belle Chasse Water Plant Intake, Belle Chasse, Jefferson Parish, LA.** BFM provided bathymetric, boundary and topographic surveying services for the project. Improvements on the site were located, as well as visible above-ground utilities & underground utilities with visible surface evidence. Existing storm sewer and sanitary sewers were located using top of casing; invert elevations were provided on the survey. Bathymetric surveys were tied to the U.S. Army Corps of Engineers baseline. Deliverables included indelible prints and AutoCAD DWG format drawing files. (\$14,804 (fee); 2016)

**NOFD/NOPD Consolidated Station (Wall & Horace), New Orleans, LA.** BFM provided boundary and topographic surveying services for this Consolidated Station site, which included the New Orleans Fire Department's Engine Nos. 33/40 and New Orleans Police Department's 4th District Station, on the corner of Wall Boulevard and Horace Street. In another phase, BFM's surveying scope involved revising the previous survey to show the Right-of-Way Revocation and Resubdivision of the Consolidated Station. (\$11,488 (cumulative fee); 2019)

**Fulton Street Pump Station, Jefferson Parish, LA.** BFM Corporation provided boundary with topographic survey for the Fulton Street Pump Station project. The scope of services included establishing horizontal control, setting Temporary Benchmarks, and plotting the location of improvements & topographic elements (man-made and natural). BFM also determined the depth, size, and type of pipes within surface observable drainage, sewerage, and water structures as established. For the topographic survey, spot elevations did not exceed a 25-foot grid within the Limits of Survey and included bottom of canal elevations along adjacent wall. (\$11,890 (fee); 2017)

**Sewer Lift Station Generator Installation (L-11-2, West Bank Expressway & Eiseman, SCIP D2532), Marrero, Jefferson Parish, LA.** BFM's surveying services included topographic and boundary surveys and a construction benchmark certificate (CBM). The scope of services included establishing a baseline parallel to the street, with points of intersection referenced by three point ties to topographic features in the area. Existing storm sewer and sanitary sewer structures with top of casting and invert elevations were noted on the survey. BFM also provided a FEMA Flood Elevation Certificate when requested by the Project Engineer. (\$6,620 (fee); 2017)

**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 (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included. (\$16,590 (fee); 2018)

## 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:	
<b>New West Bank Animal Shelter,</b> Jefferson Parish, Louisiana  <b>Burgdahl &amp; Graves Architects</b> 2550 Belle Chasse Hwy, Suite 130 Gretna LA 70053  <b>Russell I. Burgdahl, AIA, 504-366-4433</b> rburgdahl@burgdahlgraves.com		BFM Corporation provided topographic surveying services for the proposed animal shelter site located at the corner of Lapalco Boulevard and Peters Road. Scope included establishing a TBM, providing minimum slab elevation (FEMA), taking elevations throughout the site, and locating property lines and noting adjoining ROWs. Improvements were located within the designated limits of survey, as were above & below-ground utilities. The survey provided the location of existing storm sewer and sanitary sewer structures. Spot elevations on paving or other hard surfaces were also plotted. For natural elements, BFM located specimen trees and outlined massed trees, shrubs, and undergrowth. Deliverables included hardcopy and DWG format files.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
August 2014		N/A	\$5,800 (fee)

### PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
<b>Parc Des Familles Visitor Center (Proposed Location Survey),</b> Jefferson Parish, Louisiana  <b>Meyer Engineers Ltd.</b> 4937 Hearst Avenue, Suite B Metairie LA 70001  <b>Raymond J. Brown, 504-885-9892</b> rbrown@meyer-e-l.com		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.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
December 2018		N/A	\$16,590 (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>Clancy-Maggiore Elementary School for the Arts Survey</b>, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish School Board Facilities Department</b> 4600 River Road Marrero LA 70072</p> <p><b>David Taylor</b>, 504-349-8595 david.taylor@jppss.k12.la.us</p>	<p>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).</p>	
<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)

<b>PROJECT NO. 4</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Marrero Wastewater Treatment Plant Operations Building</b>, Jefferson Parish, Louisiana</p> <p><b>Digital Engineering &amp; Imaging, Inc.</b> 527 W. Esplanade Ave., Ste. 300 Kenner LA 70065</p> <p><b>Timothy Smith</b>, 504-468-6129 tsmith@deii.net</p>	<p>BFM Corporation provided surveying services for the project, located on the West Bank of Jefferson Parish in Marrero. BFM's scope of services included obtaining title data, supplementing with courthouse research as needed. The field survey involved plotting of servitudes and location of improvements, as well as utilities and drainage. Data from the field survey was processed and compared with the title information. Boundary surveying included monumentation and establishing both temporary benchmarks &amp; construction benchmark as well as surveying elevations. Deliverables included indelible prints and AutoCAD DWG format drawing 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>
2015	N/A	\$8,573 (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>Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, Louisiana</b>  <b>Meyer Engineers Ltd.</b> 4937 Hearst Avenue, Suite 1B Metairie LA 70001  <b>Jennifer Wickham, 504-885-9892</b> jwickham@meyer-e-l.com	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.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
September 2020	N/A	\$9,050 (fee)

<b>PROJECT NO. 6</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Haynes Academy School, Metairie, Jefferson Parish, Louisiana</b>  <b>Jefferson Parish Public Schools Facilities Department</b> 4600 River Road Marrero LA 70072  <b>Steve Faust; 504-349-8595</b> steve.faust@jppss.k12.la.us	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.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
January 2019	N/A	\$8,400 (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, Suite 130 Gretna LA 70053  <b>Russell I. Burgdahl, 504-366-4433</b> 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>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, 504-828-2061</b> 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.	
<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	\$4,450 (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 Public 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>East Jefferson General Hospital</b> , Metairie, Jefferson Parish, Louisiana  <b>Chehardy Sherwin Williams</b> 1 Galleria Boulevard, Suite 1100 Metairie LA 70001  <b>Charles Taylor</b> , 504-420-7542	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 western-most driveway-accessing parking lot. Spot elevations were taken at 5 ft. intervals. Property corners were also located in the survey.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
August 2019	N/A	\$2,275 (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 style="border: 1px solid black; padding: 5px; margin: 5px;"> <i>BFM Corporation is not currently, nor has it previously been involved, in litigation with Jefferson Parish.</i> </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 RELEVANT PROJECT 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 and LiDAR**
- **Bathymetric / Hydrographic Surveys**
- **Property, Boundary, and Right-of-Way Surveys**

## TEC Professional Services Questionnaire

N. continued.

- **Maps, Cross-Sections, and Data Sets**
- **3D Laser Scanning**
- **Benchmarks**
- **Construction-Related Surveying**
- **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 in that time (with a flight ceiling of 165 feet, pixel quality is 0.71 CM). This allows 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 Corporation provides **bathymetric surveying** to handle any **hydrographic surveying** tasks. For large rivers and bodies of water, BFM is 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. The firm uses Hypack Software to process collected data. Further, BFM can execute multi-beam scans, side scans and magnetometer surveys upon request.

**Please refer to the projects presented in Item L of this form as well as our personnel bios for an overview of relevant project work executed by BFM Corporation.**

## TEC Professional Services Questionnaire

N. continued.

### 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.

As noted in **item E of this form**, BFM currently has a **full time staff of 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 OF NEWLY-ASSIGNED WORK

BFM Corporation has the manpower and equipment to execute any surveying task within the reasonable time set forth by the contract or project engineer. It is our continual 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**, 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.

BFM's **Chad M. Poché, P.E.** 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 throughout his career.

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 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 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 nearly 40 years with BFM. He has provided professional surveying services for **thousands of projects for and throughout Jefferson Parish**. Additional information beyond the scope of this RFQ response is available upon request.

## TEC Professional Services Questionnaire

N. continued.

### CRITERIA 5 • LOCATION OF 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 • ADVERSARIAL LEGAL PROCEEDINGS WITH PARISH

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

Serving the region since 1982, BFM has worked with virtually every municipality in the area. We enjoy a high repeat-business rate with all our municipal & private clients. **Multiple examples of this work are included throughout this form in both the *Personnel Résumés* section (Item K) and *Representative Project Work* (Item L).** We offer the following specific references for contact:

**Mark R. Drewes, P.E., Director, Public Works Department, Jefferson Parish**

(504-736-6783 | JPPW@jeffparish.net)

**Angela DeSoto, P.E., Director, Engineering Department, Jefferson Parish**

(504-736-6511 | ADeSoto@jeffparish.net)

**Ben Lepine, Acting Director, Drainage Department, Jefferson Parish**

(504-736-6751 | JPDrainage@jeffparish.net)

**Neil Schneider, CCM, P.E., Director, Capital Projects, Jefferson Parish**

(504-736-6783 | JPPW@jeffparish.net)

**Sid Trouard, P.E., Program Manager, Sewerage Capital Improvement Program, Jefferson Parish**

(504-736-6386 | STrouard@jeffparish.net)

**Michael B. Cooper, Parish President, St. Tammany Parish**

(985-898-2362 | president@stpgov.org)

**José A. Gonzales, CAO, City of Kenner**

(504-468-4090 | jgonzalez@kenner.la.us)

**Khalid L. Saleh, PhD, Capital Program Administrator, New Orleans Public Works Dept.**

(504-658-8000 | khsaleh@nola.gov)

**Greg Cromer, Mayor, City of Slidell**

(985-646-4333 | gcromer@cityofslidell.org)

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: March 22, 2023




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

**Name:** BFM Corporation, LLC  
**Public Address:** 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	09/30/2023	Mr. Ralph P. Fontcuberta Jr. # PLS.0004329 - 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	Expiration Date
PLS.0004329	09/30/2024
Status: <b>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. Chad Mitchell Poche**

License/Certificate Type - Number	Expiration Date
PE.0027667	09/30/2024
Status: <b>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. Gary James Lambert Jr.**

License/Certificate Type - Number	Expiration Date
PLS.0005259	03/31/2024
Status: <b>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
EI.0033903	03/31/2023
Status: <b>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 10/12/2022 to 10/12/2023 .

Certification No. 9551

Stephanie Hartman,  
Director, Small Business Services

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

**Subconsultant: Geotechnical Engineering**

- **TEC Professional Service Questionnaire**



## TEC Professional Services Questionnaire

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

**Design and Construction Administration of a New East Bank  
Jefferson Parish Animal Adoption & Services Facility**

**SOQ 23-006 | Resolution No. 141465**

**B. Firm Name & Address:**



**Gulf South Engineering and Testing, Inc.**

15 Veterans Memorial Boulevard  
Kenner LA 70062

**C. Name, title, & 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., Principal/Vice President**

telephone 504-305-4401 • cpoche@gulfsoutheng.com

Registered Professional Civil Engineer, Louisiana No. 27667 (1998)

**D. Name, title, & 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., Principal/Vice President**

telephone 504-305-4401 • cpoche@gulfsoutheng.com

Registered Professional Civil Engineer, Louisiana No. 27667 (1998)

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

6	Administrative	-	Geologists	1	Graduate Engineers (EI)
-	Architects (Licensed)	1	Geotechnical Engineers	-	Project Managers
-	Chemical Engineers	-	Interior Designers	-	Clerical ( <i>see Administrative</i> )
-	Civil Engineers	-	Landscape Architects	-	Grant/Funding Specialist
15	Construction Inspectors	-	Land Surveyor ( <i>*see PLS</i> )	-	Sanitary Engineers
-	Ecologists	-	Mechanical Engineers	1	Construction Svcs Managers
-	Electrical Engineers	-	Environmental Engineers	1	CMT Supervisors
-	Engineer Intern	-	Specification Writers	3	CMT Project Managers
1	Professional Land Surveyors	-	Structural Engineers	1	Field Engineer
-	Estimators			2	Laboratory Manager
				2	Laboratory Technician
				1	Soil Boring Driller
				1	Soil Boring Driller Apprentice
				<b>36*</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 a 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 <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.</b>		
<b>Name &amp; Address:</b>	<b>Specialty:</b>	<b>Worked with Prime Before (Yes or No):</b>
1. N/A		
2.		
3.		
<b>J. Please specify the total number of support personnel that may assist in the completion of this Project:</b>  <b><u>36</u> (all personnel will be available to the project; individuals to be assigned)</b>		

## 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 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.**  
Vice-President

**Project Assignment:**

Engineering Manager; Geotechnical Engineer

**Name of Firm with which associated:**



**ENGINEERING AND TESTING, INC.**  
Geotechnical & Materials Consultants

**Years experience with this Firm:**

12 years with this firm (2011); 30 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 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 relevant to the proposed Project:

*Chad M. Poché, P.E. (continued)*

**New Building and Paved Areas, Jefferson Parish Transit Facility, Jefferson Parish, LA.** Gulf South provided geotechnical engineering services for the construction of a new two-story (7,300 sf) building. 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)

**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. Scope 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)

**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)

**New Charter School (Behrman Highway), Terrytown, Jefferson Parish, LA.** Geotechnical investigation for construction of a new Charter School along Behrman Highway in Terrytown, LA. Gulf South's scope includes drilling 13 soil borings to depths of 100 ft (2 borings for structure), 80 ft (2 borings; 1 structure & 1 canal stability analysis), 60 ft (2 borings for structure), 10 ft (7 borings for paved areas), lab testing (strength and classification), and geotechnical engineering analysis including allowable soil bearing values, allowable pile load capacities, estimates of settlement, slope stability analyses, rigid and/or flexible pavement design recommendations, and general construction recommendations. (\$20,000 (fee); 2017)

**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. 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)

**Jefferson Parish Department of Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA.** Project consisted of the construction of a new warehouse for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection during construction (CMT). Gulf South's scope of services included performing a pile load test, pile plant inspection, pile monitoring during installation, vibration monitoring, concrete testing and inspection, earthwork testing and inspection including soil sampling and field density tests, steel inspection, and asphalt testing and inspection. (\$90,000 (fee); 2017)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Joseph H. “Trey” Binder, III**  
Laboratory Manager

**Project Assignment:**

Laboratory Manager; Laboratory Technician

**Name of Firm with which associated:**



**ENGINEERING AND TESTING, INC.**  
Geotechnical & Materials Consultants

**Years experience with this Firm:**

12 years with this firm (2011); 17 years total (2006)  
*Gulf South Engineering and Testing, Inc. | 2011 to present*  
*Ardaman and Associates, Inc. | 2007 to 2011*  
*Soil Testing Engineers, Inc. | 2006 to 2007*

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

A.D., 2011, General Studies, Nunez Community College

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

N/A

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

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.

- HAZMAT Awareness
- HAZMAT Operations Training
- ACI Aggregate Base Testing Technician
- ACI Concrete Strength Testing Technician

**New Charter School (Behrman Highway), Terrytown, Jefferson Parish, LA.** Geotechnical investigation for construction of a new Charter School along Behrman Highway in Terrytown, LA. Gulf South’s scope includes drilling 13 soil borings to depths of 100 feet (2 borings for structure), 80 feet (2 borings; 1 structure & 1 canal stability analysis), 60 feet (2 borings for structure), 10 feet (7 borings for paved areas), lab testing (strength and classification), and geotechnical engineering analysis including allowable soil bearing values, allowable pile load capacities, estimates of settlement, slope stability analyses, rigid and/or flexible pavement design recommendations, and general construction recommendations. (\$20,000 (fee); 2017)



## TEC Professional Services Questionnaire

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

*Joseph H. Binder, III (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)

**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)

**New Building and Paved Areas, Jefferson Parish Transit Facility, Jefferson Parish, LA.** 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)

**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)

**New Building and Pavements (SE Freight Lines Facility), Destrehan, St. Charles Parish, LA.** Geotechnical engineering services for the construction of a new freight truck facility in Destrehan, LA. Gulf South's scope includes drilling 16 undisturbed soil borings (three at 80 ft, three at 60 ft, and 10 at 6 ft below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$30,000 (fee); 2020)

**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)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Bryson S. Beard, E.I.**

Associate Geotechnical Engineer/Field Engineer

**Project Assignment:**

Associate Geotechnical Engineer/Field Engineer

**Name of Firm with which associated:**



**ENGINEERING AND TESTING, INC.**  
Geotechnical & Materials Consultants

**Years experience with this Firm:**

1 year with this firm (2022); 2 years total (2021)

*Gulf South Engineering and Testing, Inc. | 2022 to present*

*TetraTech, Inc. | 2021 to 2022*

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

B.S., 2021, Geological Engineering, University of Southern Mississippi

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

Georgia, Engineering Intern (No. EIT029180, 2022)

Louisiana P.E. License In Process

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

Bryson S. Beard, E.I., is an Associate Geotechnical Engineer/Field Engineer who serves as a Project Manager. Experience includes geotechnical engineering analyses consisting of shallow & deep foundations, slope stability, 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. This experience also includes core logging & oversight of groundwater monitoring well installations, piezometers, and inclinometers. He has been responsible for the preparation of reports and Facility Response Plans. Further, Mr. Beard is a START V Region 4 Responder, and can be used whenever there is a large spill/release of harmful chemical or substance.

**Charity Hospital Building Redevelopment Project, New Orleans, LA.** Gulf South provided 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. 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)

- 40-hour HAZWOPER (Hazardous Materials Field Work), since 2021
- Fundamentals of Engineering Exam, NCEES, 2022
- ACI Concrete Field Testing Technician - Grade I (No. 02206940)

## TEC Professional Services Questionnaire

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

*Bryson S. Beard, E.I. (continued)*

**Geotechnical Exploration Proposal for the Lafreniere Park Healthtrack, Metairie, Jefferson Parish, LA.**

Gulf South was selected to provide a Geotechnical Exploration for the project site which consists of the reconstruction of the existing exercise walkway and the addition of approximately 1,000 feet of new walkway at Lafreniere Park in Metairie, LA. The existing walkway is approximately 2.5 miles long and will consist of the removal and reconstruction of the pavement and base using an asphalt paved section. The new section will consist of a concrete paved walkway. Gulf South's scope of work includes subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon outlined project requirements. (\$12,000 (fee); 2022)

**Bucktown Harbor New Dock and Loading Area, Metairie, Jefferson Parish, LA.**

Geotechnical engineering services for construction of a new dock and bulkhead at Jefferson Parish's Bucktown Harbor in Metairie, LA. Gulf South's scope includes drilling one boring to a depth of 50 feet below the ground surface and one boring in Lake Pontchartrain to a depth of 50 feet below mudline, laboratory testing, engineering analyses (allowable pile load capacities, slope stability, sheetpile wall analyses), and general construction procedures and recommendations. (\$10,500 (fee); 2022)

**Midway at Soniat Canal Pump Station Elevator Generator Platform (Silver Oak Lane), Harahan, Jefferson Parish, LA.**

Geotechnical engineering services for the construction of a new elevated generator platform at the Midway Soniat Canal pump station off Silver Oak Lane in Harahan, LA. Gulf South's scope of services includes drilling a single undisturbed soil boring to a depth of 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$7,500 (fee); 2022)

**Sewer Lift Station No. F6-2 (W. Napoleon Blvd.), Metairie, Jefferson Parish, LA.**

Gulf South provided geotechnical engineering services for upgrading an existing below grade sewer lift station (No. F6-2) off West Napoleon Boulevard in Metairie, LA. Gulf South's scope includes drilling a single boring to a depth of 60 feet below the ground surface, laboratory testing, engineering analyses (soil bearing values, bedding & backfill, pile capacities, and estimates of settlement) and general construction procedures and recommendations. (\$5,000 (fee); 2022)


**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)

**Roosevelt Boulevard Roadway Pavement Improvements (West Metairie Ave. to West Napoleon Ave.), City of Kenner, Jefferson Parish, LA.**

Geotechnical investigation for paved roadway improvements for Roosevelt Boulevard between West Metairie Avenue and West Napoleon Avenue in Kenner, LA. Gulf South's scope of services includes drilling 14 borings (depths of 10 feet below pavement surface), laboratory testing, engineering analyses (including pavement design) and general construction procedures and recommendations. (\$14,000 (fee); 2022)

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<p><b>Evan O. Poché</b> Engineering Technician</p>
<b>Project Assignment:</b>
<p>Engineering Technician</p>
<b>Name of Firm with which associated:</b>
<div style="display: flex; align-items: center;">  <div> <p><b>ENGINEERING AND TESTING, INC.</b> Geotechnical &amp; Materials Consultants</p> </div> </div>
<b>Years experience with this Firm:</b>
<p>7 years with this firm (2016); 7 years total (2016)  <i>Gulf South Engineering and Testing, Inc.   2016 to present</i>  <i>BFM Corporation, LLC   2019 to 2020</i></p>
<b>Education: Degree(s)/Year/Specialization:</b>
<p>B.A., Political Science (2021; Millsaps College)          Degree Program, Criminal Justice (2016 - 2019; Mississippi College)          High School Diploma (2016; Jesuit HS; Cum Laude with Honors)</p>
<b>Active registration: Year first registered/discipline:</b>
<p></p>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Since joining Gulf South, Evan Poché has served 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>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>



## TEC Professional Services Questionnaire

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

*Evan O. Poché (continued)*

**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)

**Fire Station No. 38 (Duke Drive), City of Kenner, LA.** Geotechnical investigation for construction of a new fire station off Duke Drive in Kenner, LA. Gulf South's scope includes drilling two undisturbed soil borings each to a depth of 70 feet, lab testing, and engineering analyses including allowable pile load capacities, estimates of settlement, rigid and/or flexible pavement recommendations, and general construction procedures and recommendations. (\$9,490 (fee); 2019)

**C.M. Mike Zito Multipurpose Center, Plaquemine, Iberville Parish, LA.** Geotechnical engineering services for soil borings at an existing aggregate parking lot at 61755 Bayou Road in Plaquemine, LA. Gulf South's scope includes drilling six undisturbed soil borings to a depth of 5 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$2,000 (fee); 2021)

**New Multi-Story Building (4104 Tchoupitoulas Street), Orleans Parish, New Orleans, LA.** Geotechnical engineering services for the construction of a new building located at 4104 Tchoupitoulas Street in New Orleans, LA. The proposed structure will be a 5-storied hotel building, approximately 7,060 square feet in plan dimensions. Gulf South's scope includes drilling two (2) undisturbed soil borings to depths of 80 and 40 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$5,900 (fee); 2020)

**Treasure Chest Casino, Kenner, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a casino facility (Treasure Chest) in Kenner, LA. Gulf South's scope includes drilling 20 undisturbed soil borings to depths of 8, 60, 80 & 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$53,760 (fee); 2020)

**New Building and Pavements (SE Freight Lines Facility), Destrehan, St. Charles Parish, LA.** Geotechnical engineering services for the construction of a new freight truck facility in Destrehan, LA. Gulf South's scope includes drilling 16 undisturbed soil borings (three at 80 ft, three at 60 ft, and 10 at 6 ft below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$30,000 (fee); 2020)

**New Public Works Maintenance Barn, City of Covington, St. Tammany Parish, LA.** Geotechnical investigation for a new pre-engineered building (approx. 8900 sf; metal-framed) at 1300 West 27th Avenue in Covington, LA. Gulf South's scope includes drilling two undisturbed soil borings to a depth of 30 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable shaft load capacities (as appropriate), estimates of settlement, and general construction procedures and recommendations. (\$5,500 (fee); 2018)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Ian Kerner Poché**  
Assistant Laboratory Supervisor

**Project Assignment:**

Assistant Laboratory Supervisor

**Name of Firm with which associated:**



**ENGINEERING AND TESTING, INC.**  
Geotechnical & Materials Consultants

**Years experience with this Firm:**

6 years with this firm (2017); 6 years total (2017)  
*Gulf South Engineering and Testing, Inc. | 2017 to present*

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

High School Diploma

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

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

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.

**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)

**New Building and Paved Areas, Jefferson Parish Transit Facility, Jefferson Parish, LA.** 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)

## TEC Professional Services Questionnaire

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

*Ian Kerner Poché (continued)*

**Fire Station No. 38 (Duke Drive), City of Kenner, LA.** Geotechnical investigation for construction of a new fire station off Duke Drive in Kenner, LA. Gulf South's scope includes drilling two undisturbed soil borings each to a depth of 70 feet, lab testing, and engineering analyses including allowable pile load capacities, estimates of settlement, rigid and/or flexible pavement recommendations, and general construction procedures and recommendations. (\$9,490 (fee); 2019)

**Lake Cataouatche Drainage Pump Station Replacement (Chighizola Lane), Grand Isle, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a replacement Lake Cataouatche drainage pump station at the end of Chighizola Lane in Grand Isle. Gulf South's scope includes drilling one undisturbed soil borings to a depth of 80 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. Pump station is close to a USACE floodwall so coordination and geotechnical engineering analyses were required to show the new pump station would not adversely affect the integrity of the floodwall. (\$7,500 (fee); 2020)

**New Public Works Maintenance Barn, City of Covington, St. Tammany Parish, LA.** Geotechnical investigation for a new pre-engineered building (approx. 8900 sf; metal-framed) at 1300 West 27th Avenue in Covington, LA. Gulf South's scope includes drilling two undisturbed soil borings to a depth of 30 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable shaft load capacities (as appropriate), estimates of settlement, and general construction procedures and recommendations. (\$5,500 (fee); 2018)

**New Multi-Story Building (4104 Tchoupitoulas Street), Orleans Parish, New Orleans, LA.** Geotechnical engineering services for the construction of a new building located at 4104 Tchoupitoulas Street in New Orleans, LA. The proposed structure will be a 5-storied hotel building, approximately 7,060 square feet in plan dimensions. Gulf South's scope includes drilling two (2) undisturbed soil borings to depths of 80 and 40 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$5,900 (fee); 2020)

**Treasure Chest Casino, Kenner, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a casino facility (Treasure Chest) in Kenner, LA. Gulf South's scope includes drilling 20 undisturbed soil borings to depths of 8, 60, 80 & 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$53,760 (fee); 2020)

**New Building and Pavements (SE Freight Lines Facility), Destrehan, St. Charles Parish, LA.** Geotechnical engineering services for the construction of a new freight truck facility in Destrehan, LA. Gulf South's scope includes drilling 16 undisturbed soil borings (three at 80 ft, three at 60 ft, and 10 at 6 ft below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$30,000 (fee); 2020)

**C.M. Mike Zito Multipurpose Center, Plaquemine, Iberville Parish, LA.** Geotechnical engineering services for soil borings at an existing aggregate parking lot at 61755 Bayou Road in Plaquemine, LA. Gulf South's scope includes drilling six undisturbed soil borings to a depth of 5 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$2,000 (fee); 2021)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Cody Barrois**  
Soil Boring Driller

**Project Assignment:**

Soil Boring Driller

**Name of Firm with which associated:**



**Years experience with this Firm:**

1 year with this firm (2022); 2 years total (2021)  
Gulf South Engineering and Testing, Inc. | 2022 to present  
Ardaman and Associates | 2020 to 2022

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

High School Diploma, 2012 (Central Lafourche HS)

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

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

Cody Barrois is a soil boring driller with experience as a soil boring driller and driller's helper, and has operated truck, track, and ATV mounted drilling rigs. In addition, he has performed soil borings over water on a barge and using barge drilling equipment. Mr. Barrois is very familiar with the soils of Southeastern Louisiana.

- OSHA Basic Training
- Entergy PowerSafe Training
- Transportation Worker Identification Card (TWIC)

**LaPlace Water Source Project: New Intake, Pump Stations & Pretreatment Facility, LaPlace, St. John the Baptist Parish, LA.** Geotechnical engineering services for the construction of a new water source infrastructure project between the Mississippi River (MSR; east bank) and railway just north of 5th street in LaPlace, LA. Proposed structures will consist of water intake structure, pump stations, pipeline crossing levee, below grade pipelines, and a pretreatment plant. Gulf South's scope includes permitting, clearing, drilling ten undisturbed soil borings, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$100,000 (fee); ongoing)

**Mississippi River Discharge Pump Station, River Ridge, Jefferson Parish, LA.** Gulf South provided geotechnical engineering services for the construction of a new pump station and force main discharge pipeline between Coventry Court and Lee Court in River Ridge. Scope includes drilling four undisturbed soil borings (one at 100 ft., one at 80 ft., and two at 30 ft.; all below ground surface), laboratory testing, engineering analyses (soil bearing values, pile load capacities, settlement estimates, retaining structure recommendations, slope stability analyses) and general construction procedures and recommendations. Pump station was located on flood side of the Mississippi River levee with discharge pipes crossing the levee to the protected side. (\$35,000 (fee); 2022)



## 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:	
<b>New Building and Paved Areas, Jefferson Parish Transit Facility,</b> Jefferson Parish, Louisiana  <b>Burgdahl &amp; Graves Architects</b> 2550 Belle Chasse Hwy, Suite 130 Gretna LA 70053  <b>Russell I. Burgdahl, AIA, LLA, NCARB</b> 504-366-4433 rburgdahl@burgdahlgraves.com		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.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
October 2020		N/A	\$8,900 (fee)

### PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
<b>New Building and Parking Lot, East Bank Juvenile Services,</b> Jefferson Parish, Louisiana  <b>Sizeler Thompson Brown Architects</b> 300 Lafayette Street, Suite 200 New Orleans LA 70130  <b>Thomas M. Brown, AIA, 504-523-6472</b> tbrown@sizeler.com		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.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
January 2022		N/A	\$14,500 (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>	
<b>Animal Shelter Expansion,</b> LaPlace, St. John the Baptist Parish, Louisiana  <b>St. John the Baptist Parish</b> 1801 West Airline Highway LaPlace LA 70068  <b>Daron Cooper, 985-359-0146</b> d.cooper@sjbparish.com	Geotechnical investigation for an expansion to an animal shelter for the St. John the Baptist Council at 124 Water Plant Road in LaPlace, LA. Gulf South's scope includes drilling a single soil boring (depth of 50 ft), lab testing, and geotechnical engineering analyses including of allowable soil bearing values (if applicable), allowable pile load capacities, estimates of settlement, and general construction recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
March 2016	N/A	\$3,000 (fee)

<b>PROJECT NO. 4</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Harvey Volunteer Fire Department</b> <b>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.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
June 2021	N/A	\$9,500 (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>New Charter School – Behrman Highway,</b> Terrytown, Jefferson Parish, Louisiana</p> <p><b>The Charter School Fund, LLC</b> 418 S. 9th Street Boise ID 83702</p> <p><b>Adam Zaragoza, 208-908-5647</b> azaragoza@athlosacademies.org</p>	<p>Geotechnical investigation for construction of a new Charter School along Behrman Highway in Terrytown, LA. Gulf South's scope includes drilling 13 soil borings to depths of 100 feet (2 borings for structure), 80 feet (2 borings; 1 structure &amp; 1 canal stability analysis), 60 feet (2 borings for structure), 10 feet (7 borings for paved areas), lab testing (strength and classification), and geotechnical engineering analysis including allowable soil bearing values, allowable pile load capacities, estimates of settlement, slope stability analyses, rigid and/or flexible pavement design recommendations, and general construction 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>
December 2017	N/A	\$20,000 (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>Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Dept.,</b> Bridge City, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish Fire Department</b> <b>c/o Meyer Engineering Ltd.</b> 4937 Hearst Street Suite B Metairie LA 70001</p> <p><b>Donovan Duffy, P.E., 504-885-9892</b> 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. 7</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), Avondale, Jefferson Parish, Louisiana</b>  <b>Jefferson Parish c/o 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.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
December 2020	N/A	\$4,100 (fee)

<b>PROJECT NO. 8</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Clancy-Maggiore Elementary School – New Art and Band Wing, Jefferson Parish, Louisiana</b>  <b>Jefferson Parish School Board c/o Meyer Engineers, Ltd.</b> 4937 Hearst Street, Suite 1B Metairie LA 70001  <b>Mark A. Schutt, P.E., 504-885-9892</b> mschutt@meyer-e-l.com	Geotechnical investigation for a new art and band building (10,000 sf) 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.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
February 2017	N/A	\$6,000 (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>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 (below ground surface; four at 8 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
November 2019	N/A	\$2,800 (fee)

<b>PROJECT NO. 10</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Jefferson Parish Department of Public Works West Bank Central Warehouse,</b> Bridge City, Jefferson Parish, Louisiana  <b>Jefferson Parish Public Works</b> <b>c/o ECM Consultants, Inc.</b> 4409 Utica Street Suite 200 Metairie LA 70006  <b>Chris Capretto, 504-885-4080</b> ccapretto@ecmconsultants.com	Project consisted of the construction of a new warehouse for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection during construction (CMT). Gulf South's scope of services included performing a pile load test, pile plant inspection, pile monitoring during installation, vibration monitoring, concrete testing and inspection, earthwork testing and inspection including soil sampling and field density tests, steel inspection, and asphalt testing and inspection.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
August 2017	N/A	\$90,000 (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. N/A		
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 RELATED 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 over two 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 & Regional Transit Authority-recognized small business in Louisiana. Our laboratory is AASHTO and CCRL certified and USACE validated.**

# 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*

## **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.

## **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.

**Gulf South's Kenner laboratory is AASHTO and CCRL certified and USACE validated.**

## **Construction Materials Testing & Inspection**

Gulf South provides a full range of construction materials testing and inspection services for structures, earthwork, foundations, pipelines, and pavements. The range of services provided by the Gulf South team includes:

- *Fill and base compaction and density testing*
- *Vibration monitoring*
- *Pre- and post-construction inspection*
- *Concrete testing and inspection*

## TEC Professional Services Questionnaire

### N. continued.

- 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

We have provided construction testing and oversight for projects as small as fill for a house pad to as **large as the \$1.2 billion Louis Armstrong New Orleans International Airport New Terminal** project.

### CRITERIA 2 • SIZE OF FIRM

At nearly three dozen 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 is able to readily meet the time and budget constraints for projects assigned to this contract. Our current work load is such that we can expeditiously complete projects for this contract.

### CRITERIA 3 • CAPACITY FOR TIMELY COMPLETION OF NEWLY-ASSIGNED WORK

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 Vice President of Gulf South, Chad M. Poché, P.E., has been a practicing registered geotechnical engineer in South Louisiana for since 1998. He has specialized training and experience in geotechnical engineering throughout Louisiana.

Gulf South's Engineering Manager, Blake E. Vutera, P.E., has over 14 years experience in geotechnical investigations and has provided engineering analysis, laboratory testing, construction materials testing and inspection. He has been the geotechnical engineer of record for hundreds of projects throughout his career

As evidenced in the provided projects & personnel résumés, key personnel past 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 are able to submit data in formats acceptable and customized to our clients' needs.

Further, Gulf South continues to expand its staff and mentor the next generation of geotechnical engineers and professionals. One of our newest employees, Sara E. Lockwood, is a recent UNO Civil Engineering graduate who is working with our seasoned professionals in the challenging field of geotechnical engineering in the State of Louisiana. She has already gained extensive experience working on projects since joining the firm in 2019 and will continue to expand her knowledge and skill set working with our firm.

### CRITERIA 4 • PAST PERFORMANCE ON PARISH CONTRACTS

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. This would include, **but not be limited to**, the following:

- New Building and Paved Areas, Jefferson Parish Transit Facility, Jefferson Parish, LA
- New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, LA
- Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Dept., Bridge City, Jefferson Parish, LA
- New Library Building (US90 & Avondale Garden Road), Avondale, Jefferson Parish, LA



## TEC Professional Services Questionnaire

### **N. continued.**

- Jefferson Parish Fire Fleet Maintenance Facility - New Paved Areas, Jefferson Parish, LA
- Harvey Volunteer Fire Department New Truck Maintenance Facility (Rochelle Ave), Harvey, Jefferson Parish, LA
- Clancy-Maggiore Elementary School – New Art and Band Wing, Kenner, Jefferson Parish, LA
- New Charter School – Behrman Highway, Terrytown, Jefferson Parish, LA
- Jefferson Parish Department of Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA
- Jefferson Parish Library Renovations (2350 Metairie Road), Metairie, Jefferson Parish, LA
- Jefferson Parish Fire Department – Garage (River Road), Bridge City, Jefferson Parish, LA
- New Library Building (US90 & Avondale Garden Road), Avondale, Jefferson Parish, LA
- Improvements to Sewer Lift Station No. 48-3, Metairie, Jefferson Parish, LA
- New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, LA
- Metairie Lawn and Ridgelake Drive Roadway & Utility Project, Metairie, Jefferson Parish, LA
- N. Sibley Drainage Improvements (N. Sibley at W. Napoleon), Metairie, Jefferson Parish, LA
- Sewer Lift Station at Mississippi Avenue & 21st Street, Metairie, Jefferson Parish, LA
- Jefferson Parish Fire Department – Garage (River Road), Bridge City, Jefferson Parish, LA
- Jefferson Parish Dept. of Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA
- Johnny Bright Playground Gymnasium HVAC Installation, Metairie, Jefferson Parish, LA
- Kennedy Heights Playground Gymnasium HVAC Renovation, Avondale, Jefferson Parish, LA
- Trudeau Drive at Canal No. 5 Drainage Improvements, Metairie, Jefferson Parish, LA
- Earhart Expressway (Clearview Parkway to Central Avenue) Lighting Improvements, Jefferson Parish, LA
- West Esplanade Avenue Restoration (Tartan Drive to Haring Road), Metairie, Jefferson Parish, LA
- Citrus Road and Greg Court Subsurface Drainage Improvements, Jefferson Parish, LA
- Improvements to Sewer Lift Station M-11-3 & Force Main, Marrero, Jefferson Parish, LA
- Westgate Drainage Improvements, Metairie, Jefferson Parish, LA
- Bike Path Soil Borings, Jefferson Highway to Northline Street, Jefferson Parish, LA
- Green Acres Road - New Street Lighting, Metairie, Jefferson Parish, LA
- Drainage Infrastructure Improvements, South Avondale Subdivision, Avondale, Jefferson Parish, LA
- Parish Line Drainage Pump Station Improvements - Phase I, City of Kenner, Jefferson Parish, LA
- Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA
- New Sewer Lift Station (Melrose Lane & Walker Road), River Ridge, Jefferson Parish, LA
- Drainage Improvements, Citrus Road & Greg Court, Metairie, Jefferson Parish, LA
- New Sewer Force Main Installation (Midway & Wildwood to Lift Station E3-1), Jefferson Parish, LA
- St. Peter's Ditch - Phase IV (Pump Station at Clearview), Metairie, Jefferson Parish, LA
- Waggaman Subsurface Drainage Improvements, Waggaman, Jefferson Parish, LA
- Lift Station Replacement - N. Pierce Avenue & Versailles Street, Metairie, Jefferson Parish, LA
- Marsh Island Restoration Project, Lafreniere Park, Metairie, Jefferson Parish, LA
- Lift Station Replacement - Mississippi Avenue at 21st Street, Metairie, Jefferson Parish, LA
- Clearview Parkway Drainage Project, Metairie, Jefferson Parish, LA
- Submerged Roads Program - Multiple Phases, Metairie, Jefferson Parish, LA
- St. Peter's Ditch (4700 W. Metairie Ave.), Metairie, Jefferson Parish, LA
- Engineering Analysis Review (EAR) - Lafitte Tidal Protection Project (Phase I), Lafitte, Jefferson Parish, LA
- David Drive Drainage Improvements (West Esplanade Avenue to Bruin Drive), Jefferson Parish, LA
- Marrero WWTP New Administration Building and Safe Room, Marrero, Jefferson Parish, LA
- New Sewer Lift Station, Mississippi Ave. and Fulton St., Metairie, Jefferson Parish, LA
- Trudeau Drive Drainage Improvements at West Metairie Canal, Metairie, Jefferson Parish, LA
- Canal Bank Stabilization, Wayne Avenue at West Bank Expressway, Jefferson Parish, LA

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.

## TEC Professional Services Questionnaire

N. continued.

### CRITERIA 5 • LOCATION OF PRINCIPAL OFFICE

Gulf South is located in Jefferson Parish at 15 Veterans Memorial Boulevard in Kenner, Louisiana.

### CRITERIA 6 • ADVERSARIAL LEGAL PROCEEDINGS WITH PARISH

See Item M; Gulf South has not been involved in litigation with Jefferson Parish.

### 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. We are proud that a majority of its work is from repeat clients—we complete our projects on-time and within budget. **Multiple examples of this work are included throughout this form in both the Personnel Résumés section (Item K) and Representative Project Work (Item L).**

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)

**Sid Trouard, P.E., Program Manager, Sewerage Capital Improvement Program, Jefferson Parish**  
(504-736-6386 | STrouard@jeffparish.net)

**Khalid L. Saleh, PhD, Capital Program Administrator, Public Works Dept., City of New Orleans**  
(504-658-8000 | khsaleh@nola.gov)

**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: Vice President

Date: March 21, 2023

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

**Name:**

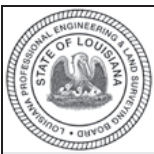
Gulf South Engineering and  
Testing, Inc.

**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	03/31/2023	Mr. Chad Mitchell Poche # PE.0027667 - 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. Chad Mitchell Poche**

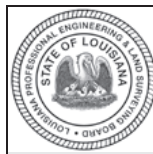
License/Certificate Type - Number

**PE.0027667**

Expiration Date

**09/30/2024**

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

**09/30/2024**

Status: **Active**



**GULF SOUTH**

ENGINEERING AND TESTING, INC.  
Geotechnical & Materials Consultants



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 1/26/2023 to 1/26/2024 .

Certification No. 11011

A handwritten signature in black ink, reading "Stephanie Hartman", is written over a horizontal line.

Stephanie Hartman,  
Director, Entrepreneurial Services



**GULF SOUTH**

ENGINEERING AND TESTING, INC.  
Geotechnical & Materials Consultants



July 28, 2022

Cassandra Poche  
Gulf South Engineering and Testing Inc  
15 Veterans Memorial Blvd  
Kenner, LA 70062

Dear Ms. Poche:

The Regional Transit Authority (RTA) have received your firm's Small Business Enterprise (SBE) annual affidavit. Based on the information, which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program.

Your firm remains certified in the SBE Program until there are any changes to your company or to your personal net worth that exceed the SBE eligibility criteria. Please note that you must notify our office immediately regarding any changes which affect the economic disadvantage, size, ownership or control of your firm.

In order to main eligibility, you are required to submit an annual affidavit stating that your firm continues to meet the eligibility requirements of the program. If you are both DBE and SBE certified, you will receive a Disadvantaged Business Enterprise Annual Affidavit approximately 4 weeks prior to your DBE Certification anniversary date. The annual affidavit for the DBE program will automatically apply to your SBE certification. If you are SBE certified only, you will receive a Small Business Enterprise Annual Affidavit approximately 4 weeks prior to your SBE Certification anniversary date.

We reserve the right to withdraw this certification if at any time it is determined that SBE certification knowingly obtained by the submission of false, misleading, or incorrect information. We further reserve the right to request additional information and/or conduct an on-site visit at any time during your certification period.

If we can be of further assistance, please contact the Office of Small Business Development at (504) 827-8301.

Sincerely,

A handwritten signature in purple ink that reads "Adonis C. Expose". The signature is stylized and fluid.

Adonis C. Expose  
DBE/SBE Liaison Officer III







## CERTIFICATE OF ACCREDITATION



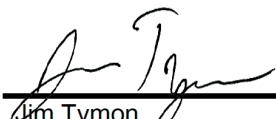
# Gulf South Engineering and Testing, Inc.


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 01/16/2023 at 1:03 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://aashtoresource.org/aap/accreditation-directory)



**GULF SOUTH** ENGINEERING AND TESTING, INC.  
Geotechnical & Materials Consultants



**USACE CERTIFICATE  
OF  
LABORATORY VALIDATION**



**Gulf South Engineering and Testing**

**15 Veterans Memorial Blvd  
Kenner, LA, United States  
Trey Binder  
(504) 305-4401**

has demonstrated, by abbreviated audit of its AASHTO accreditation, or by inspection of required records, equipment, procedures, facilities, and/or final reports, its proficiency to perform testing of construction materials, as established by the quality standards 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:**

**09 SEP 2022 AT 11:51 HOURS**

**ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 04/12/2024**

PLEASE CONFIRM THE CURRENT VALIDATION STATUS OF THIS LABORATORY USING THE SEARCH FEATURE ON  
OUR PUBLIC WEBSITE: <https://mtc.erdcdren.mil>

A handwritten signature in black ink, appearing to read "Chad A. Gartrell", is written over a horizontal line.

Chad A. Gartrell, PE, Director  
USACE Materials Testing Center  
Vicksburg, Mississippi, USA



**GULF SOUTH** ENGINEERING AND TESTING, INC.  
Geotechnical & Materials Consultants