

# QUALIFICATIONS AND CREDENTIALS

2750 Lake Villa Drive  
Metairie, LA 70002  
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## Professional Engineering Services Related to the Rehabilitation of the Neyrey & Veterans (F7-13) and Market & Sauve (D4-7) Lift Stations Resolution No. 139102



Neyrey & Veterans (F7-13) Lift Station



Market & Sauve (D4-7) Lift Station

Presented To:  
Jefferson Parish



June 30, 2022

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- TEC Professional Services Questionnaire



# 1. N-Y TEAM INTRODUCTION

- Cover Letter
- N-Y Team Organizational 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

ESTABLISHED 1969

June 30, 2022

Jefferson Parish Council  
c/o Melissa Ovalle  
200 Derbigny Street  
General Government Bld., Suite 4400  
Gretna, LA 70053

**Re: Professional Engineering Services Related to the Rehabilitation of the Neyrey & Veterans (F7-13) and Market & Sauve (D4-7) Lift Stations Resolution No. 139102**

Ladies and Gentlemen:

N-Y Associates, Inc. (N-Y) is pleased to submit our statement of qualifications to provide Professional Engineering Services related to the Neyrey & Veterans (F7-13) and Market & Sauve (D4-7) Lift Stations Rehabilitation.

**BACKGROUND:**

Although N-Y Associates, Inc. is sometimes mistaken for "New York", N-Y is actually a fifty-three (53) year-old family owned, multi-discipline firm founded and headquartered in Jefferson Parish. Offering extensive local experience, N-Y has been providing engineering, architecture, planning and project management services to federal, state, regional, parish and city agencies throughout southern Louisiana since 1969.

N-Y's staff includes civil, hydraulic and structural engineers; project managers; architects; urban planners; construction inspectors and technical support personnel, each of whom offers experience providing professional services on sewage projects throughout Jefferson Parish and the metro area.

N-Y has worked extensively throughout Jefferson Parish since its inception. Our public agency clients include the Parish, the City of Kenner, the New Orleans Aviation Board, LADOTD, the Jefferson Parish Sheriff's Office, the Jefferson Parish School Board, and the Regional Planning Commission. This longevity has provided N-Y with extensive knowledge of the design criteria, system of approvals, and construction methods unique to infrastructure in this area.

- *N-Y has completed the new design and/or rehabilitation of over 60 sewage lift stations and considers this one of our most extensive areas of expertise.*
- *N-Y most recently completed the design of a "wetwell overflow bypass system" for a 23,000 GPM Sewage Pumping Station (which was previously designed by N-Y) for Jefferson Parish.*
- *N-Y has completed sewer lift station rehabilitations for Jefferson Parish; the City of Kenner; the Sewerage and Water Board of New Orleans; the St. Bernard Port, Harbor and Terminal District; St. Bernard Parish, St. John the Baptist Parish and the City of Biloxi.*



**TEAM:**

**Mr. Constantine F. Nicoladis, PE, a Vice President and Civil Engineer, will serve as Project Manager. He has 35 years of experience and is in responsible charge of the design and construction engineering of the firm's municipal and Parish wastewater work. Mr. Nicoladis has extensive experience with sewer lift station and force main design, and sewage collection, transmission and treatment projects.**

***Mr. Nicoladis has served as Project Manager and Design Engineer of Record for the new design and/or rehabilitation of over 40 lift stations.***

Mr. Nicoladis will be supported by a team of senior engineers and engineering technicians with over thirty (30) years average experience, including Fred Mortali, PE; James E. Simmons, PE; Neil Logan, PE; W. Tully Rhodes, PE; William Haensel, PE; Patricia R. Claverie, EI, MS; and Dennis Voss, NICET. Most of these professionals have been with N-Y over twenty (20) years and have successfully completed many sewer lift stations, force main design and sewer system rehabilitation projects throughout Southeast Louisiana.

**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 has extensive experience working with N-Y in Jefferson Parish.**

- **IMC Consulting Engineers, Inc. will provide Electrical and Controls 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.

N-Y Associates, Inc. offers a proven combination of specialized experience, technical competence, capacity, and record of past performance. 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



Professional Engineering Services Related to the Rehabilitation to the Neyrey & Veterans (F7-13) and Market & Sauve (D4-7) Lift Stations Resolution No. 139102

**Principal / Project Oversight**  
*N-Y Associates, Inc.*  
 Frank Nicoladis, PE

**Project Management**  
*N-Y Associates, Inc.*  
 Constantine Nicoladis, PE, Project Manager  
 Michael Nicoladis, EI, MBA, Contract and Subconsultant Manager

**Topographic Surveying**  
*BFM Corporation, LLC*  
 Ralph Fontcuberta, Jr., PLS  
 John Philip Thayer, Field Operations  
 Gary Lambert, PLS  
 Chris Lemley, Survey Crew Chief  
 SBE

**Civil & Hydraulic Engineering**  
*N-Y Associates, Inc.*  
 Constantine Nicoladis, PE  
 Fred Mortali, PE  
 James Simmons, PE  
 Neil Logan, PE  
 William Haensel, PE, PLS  
 W. Tully Rhodes, PE  
 Patricia R. Claverie, EI, MS  
 Dennis Voss, NICET

**Electrical and Controls Engineering**  
*IMC Consulting Engineers, Inc.*  
 Richard Nichols, PE  
 Paul Vlosich, PE

**Geotechnical Engineering**  
*Gulf South Engineering and Testing, Inc.*  
 Chad Poche, PE  
 Blake Vutera, PE  
 Joseph Binder, III, AD  
 SBE DBE

**Resident Inspection**  
*N-Y Associates, Inc.*  
 Verlin Ladner, QAR  
 Stanley Mitchell, QAR  
 Johnny Thompson, QAR



## 2. N-Y ASSOCIATES, INC. Prime Consultant

- TEC Professional Services Questionnaire
- Letters of Recommendation

# TEC PROFESSIONAL SERVICES QUESTIONNAIRE



**A. Project Name and Advertisement Resolution Number:**  
 Professional Engineering Services Related to the Neyrey & Veterans (F7-13) and Market & Sauve (D4-7) Lift Stations, Resolution No. 139102

**B. Firm Name & Address:**  
 N-Y Associates, Inc.  
 2750 Lake Villa Drive  
 Metairie, LA 70002

**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**  
 Frank Nicoladis, PE, President  
 TEL No.: (504) 885-0500  
 FAX No.: (504) 885-0595  
[fnicoladis@n-yassociates.com](mailto:fnicoladis@n-yassociates.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.**  
 Constantine F. Nicoladis, PE, Vice President  
 TEL No.: (504) 885-0500  
 FAX No.: (504) 885-0595  
[cnicoladis@n-yassociates.com](mailto:cnicoladis@n-yassociates.com)

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

<b>3</b>	Administrative	*	Estimators	**	Specification Writers
<b>4</b>	Architects (Licensed)	--	Geologists	<b>4</b>	Structural Engineers
--	Chemical Engineers	--	Geotechnical Engineers		Graduate Engineers
<b>5</b>	Civil Engineers	--	Interior Designers		Project Managers
<b>3</b>	Construction Inspectors	--	Landscape Architects		Clerical
--	Ecologists	--	Land Surveyor		Grant/Funding Specialist
--	Electrical Engineers	--	Mechanical Engineers	***	Sanitary Engineers
<b>2</b>	Engineer Intern (Civil)	--	Environmental Engineers	****	Transportation Engineers
	Professional Land Surveyors	<b>1</b>	Planners Urban/Regional	<b>2</b>	CAD Operators
				<b>1</b>	Eng. Technicians (Civil)
				<b>25</b>	<b>TOTAL</b>

- \* *N-Y senior technical personnel prepare cost estimates.*
- \*\* *N-Y senior technical personnel write specifications.*
- \*\*\* *N-Y Sanitary Engineers are included in Civil Engineers.*
- \*\*\*\* *N-Y Transportation Engineers are included in Civil and Structural Engineers*

**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.

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.		
	<b>Name and Address:</b>	<b>Specialty:</b>	<b>Worked with Firm Before (Yes or No):</b>
1.	IMC Consulting Engineers, Inc. 2714 Independence Street Metairie, LA 70006	Electrical and Controls Engineering	Yes
2.	BFM Corporation, LLC 15 Veterans Boulevard Kenner, LA 70062	Topographic Surveying	Yes
3.	Gulf South Engineering and Testing, Inc. 15 Veterans Boulevard Kenner, LA 70062	Geotechnical Engineering	Yes
J.	Please specify the total number of support personnel that may assist in the completion of this Project:		
	<u>15</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:

**Constantine F. Nicoladis, PE - Vice President**

Project Assignment:

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

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**35 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 35 years of civil and hydraulic experience with N-Y. He has extensive experience in various types of civil engineering projects 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.

**Sewage Collection, Pumping and Treatment**

**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; which also included the rehabilitation of the existing filter media and removal, repair & replacement of two, 130' diameter aluminum geodetic dome covers for the trickling filters.

**Rehabilitation of Sewerage Mini-Systems: Lift 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 Pump Station & Rerouting of Force Mains at Transcontinental and Vineland Streets; Metairie, LA:** A new **23,000 GPM wastewater pumping station**, including 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.

**Sewage Lift Station and Force Main Improvements; Kenner, LA:** A new duplex submersible pump station with a peak flow capacity of 1350 GPM; 8" to 24" piping modifications and upgrading to an existing 2600 GPM raw sewage transfer pumping station to 4400 GPM and modifications to an existing effluent pump station at Wastewater Treatment Plant No. 1; and new sewage force mains totaling 16, 817 LF and ranging in size from 12" to 16".

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

**Rehabilitation of Nine (9) Sewer Lift Stations; Orleans Parish, LA:** The \$3.8 million **reconstruction, elevation and stormproofing of 9 sewer lift stations** due to damage sustained during Hurricane Katrina.



**Rehabilitation and Upgrade of Twelve (12) Wastewater Lift Stations for the St. Bernard Port, Harbor and Terminal District:** The rehab and upgrading of 12 wastewater lift stations to Ten States Standards and mitigation of future flooding of electric motors & controls. The project includes abandoning & demolishing an existing sewage treatment plant and pumping the sewage via a new force main to another sewage pump station for transfer to the sewage treatment plant.

**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 and site work.

**Rehabilitation of Gravity Sewer Lines in the Chalmette Vista Subdivision; St. Bernard Parish, LA:** Replacement of 14,500 LF of existing 8" diameter sewer lines with new HDPE lines using pipe-bursting in the Chalmette Vista subdivision.

**Repair of Lift Station Nos. M2-12, M2-13, M2-14 and M2-15; St. Bernard Parish, LA:** The repair of four (4) submersible sewage lift stations damaged by Hurricane Katrina. The scope included removing and replacing the pumps, control panels, junction boxes and miscellaneous electrical along with cleaning the wet wells and pumps.

**Heights Drive Sewage Force Main and Lift Station; St. Bernard Parish, LA:** 9000 LF of dual 6" sewer force main; 3500 LF of single 6" sewer force main; and a 208 GPM duplex submersible lift station.

**New Sewer Point Repairs for Phase 1 (PW 18971); St. Bernard Parish, LA:** Gravity sewer point repairs, including pipe replacement, CIPP lining, and manhole repairs as needed.

**Parishwide Wastewater System Improvements: Major Pump Stations, Force Mains, and 7 Wastewater Treatment Plants, Phases I and II; St. John the Baptist Parish, LA:** This \$40 million program included the construction of four (4) new wastewater treatment plants; expansion and renovation of two (2) wastewater treatment plants; 60 new wastewater pump stations; 20 miles of wastewater force mains; and 50 miles of new sewer lines, including repair of existing lines utilizing chemical grouting and CIPP Slip Lining.

**Infrastructure Repair Program (FEMA) - Area 2 North Biloxi, Phase 5; Biloxi, MS:** The FEMA funded repair to approx. 6700 LF of city streets and included the replacement of sewerlines, waterlines, storm drainage lines and pavement replacement. This project also included the rehabilitation of two (2) sewer lift stations.

**The Biloxi Broadwater Wastewater Transmission System Improvements (S-21); Biloxi, MS:** A 3000 GPM sewage pump station and 9000 LF of 16" force main.

**Sewage Force Main from St. Michael Pump Station to Central Business District Pump Station; Biloxi, MS:** The installation of 5800 LF of 10" sewer force main.

**Gulfport to Biloxi Force Main; MS:** 13,000 LF of 20" diameter force main connecting the Debuys Pumping Station in Gulfport with the West Biloxi Sewage Treatment Plant.

**West Biloxi Interceptor System, including Seaway Island and Sunkist; Biloxi, MS:** A sewerage system consisting of 13,320 LF of gravity interceptor lines; 18,760 LF of force main; 4 new wastewater pumping stations; and modifications to an existing wastewater pumping station.

#### Memberships & Associations:

- The American Society of Civil Engineers
- The 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 & Title:

**Frank Nicoladis, PE - President**

Project Assignment:

**Principal and Project Oversight / Civil and Hydraulic Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

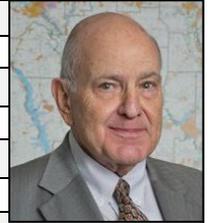
**53 Years**

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

<b>LA (5924)/1957/Civil Engineering</b>	<b>TX (32329)/1971/Civil Engineering</b>	<b>FL (36371)/1985/Civil Engineering</b>
<b>MS (2468)/1961/Civil Engineering</b>	<b>AR (3373)/1972/Civil Engineering</b>	<b>LA (2862)/1957/Surveying (retired)</b>



Other experience and qualifications relevant to the proposed Project:

Mr. Nicoladis has 64 years of experience as a consulting engineer, with 53 years as President of N-Y. Mr. Nicoladis serves as a Principal for the firm's wastewater projects; 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.

**Mr. Nicoladis and N-Y have been working in Jefferson Parish for over 45 years and have the following types of project experience:**

- **Sewage Collection, Pumping and Treatment;**
- Water Supply, Treatment, Distribution, & Fire Protection;
- Storm Drainage including Gravity Lines & Pump Stations
- Flood Control, including Levees, Floodwalls and Gates
- Streets, Highways, Bridges, and Railroads
- Port and Marine Facilities;
- Environmental Inventories, Assessments and Impact Statements;
- Conceptual and Master Planning
- Rate Studies and Financial Feasibility Studies
- Preliminary and Final Construction Plans
- Construction Administration, Program and Construction Management

**Sewage Collection, Pumping and Treatment**

**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 & replacement of two, 130' diameter aluminum geodetic dome covers for the trickling filters.

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

**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)

**Bridge City Wastewater Interceptors (Pump Stations & Force Mains) and Treatment Plant; Jefferson Parish, LA:** **Seven (7) major sewage pump stations** ranging from 1350 GPM to 5000 GPM; and 58,400 LF of force mains ranging from 12" to 36" in diameter. Also included was the expansion of the existing Bridge City WWTP to treat an additional average design flow of 6 MGD, bringing the plants total capacity to 7.23 MGD; and an 11,000 GPM effluent pump station.

**New Sewage Pump Station & Rerouting of Force Mains at Transcontinental and Vineland Streets; Metairie, LA:** A new **23,000 GPM wastewater pumping station**, including 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.

**Sewage Lift Station No. 4344; Kenner, LA:** A 120" diameter, 21' deep precast concrete wet well; 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 & equipment.

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**Rehabilitation of Gravity Sewer Lines in the Chalmette Vista Subdivision; St. Bernard Parish, LA:** Replacement of 14,500 LF of existing 8" diameter sewer lines with new HDPE lines using pipe-bursting in the Chalmette Vista subdivision.

**Heights Dr. Sewage Force Main & Lift Station; St. Bernard Parish, LA:** 9000 LF of dual 6" sewer force main; 3500 LF of single 6" sewer force main; and a 208 GPM duplex, submersible lift station.

**New Sewer Point Repairs for Phase 1; St. Bernard Parish, LA:** Gravity sewer point repairs, including pipe replacement, CIPP lining, and manhole repairs as needed.

**Munster Sewage Treatment Plant Expansion, Effluent Pump Station and Force Main; St. Bernard Parish, LA:** This \$2 million expansion of the existing treatment facility from 2.5 MGD to 5.8 MGD included a 5.8 MGD effluent pumping station with a 42" force main that discharges in to the Mississippi River.

**Parishwide Wastewater System Improvements: Major Pump Stations, Force Mains, and 7 Wastewater Treatment Plants, Phases I and II; St. John the Baptist Parish, LA:** This \$40 million program included the construction of four (4) new wastewater treatment plants; expansion & renovation of two (2) wastewater treatment plants; 60 new wastewater pump stations; 20 miles of wastewater force mains; and 50 miles of new sewer lines, including repair of existing lines utilizing chemical grouting & CIPP Lining.

**Parish-Wide Sewerage System; St. James Parish, LA:** Preparation of 201 Facility Plans for the East & West Banks of the entire Parish, which included environmental assessments, Infiltration/Inflow Analysis, and a sewer system evaluation survey. N-Y determined the needs of the Parish, prepared a conceptual design and estimates of construction costs, and developed a priority list of proposed improvements. N-Y then prepared construction plans for 90 pumping stations (25 GPM to 900 GPM), 42 miles of force main ranging from 2" to 18", one 10" and one 14" effluent force main to the Mississippi River and a sewage oxidation pond to serve the West Bank.

**EPA 208 Planning Study; Hancock, Harrison and Jackson Counties, MS:** N-Y provided all engineering services, as a subconsultant to a management firm, for the preparation of an EPA funded 208 plan. This plan, which encompassed Hancock, Harrison and Jackson Counties and the cities in those counties, involved a coordinated effort to prevent pollution of all water bodies along the Mississippi Gulf Coast.

**201 Facility Plans (Wastewater Facility Master Plans) for Communities throughout Louisiana and Mississippi:** N-Y provided EPA 201 Wastewater Facility Plans for the City of Biloxi, the City of Magee, the Town of Sumrall and the Town of Seminary in Mississippi; and the Town of Franklinton, Sewerage District No. 2 of St. Bernard Parish, East and West Banks of St. James Parish, East and West Banks of St. John the Baptist Parish, Sewerage District No. 3 of St. Charles Parish, and the East & West Banks of St. Charles Parish in Louisiana.

#### Memberships & Associations:

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

LICENSURE: FRANK NICOLADIS, 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. Frank Nicoladis

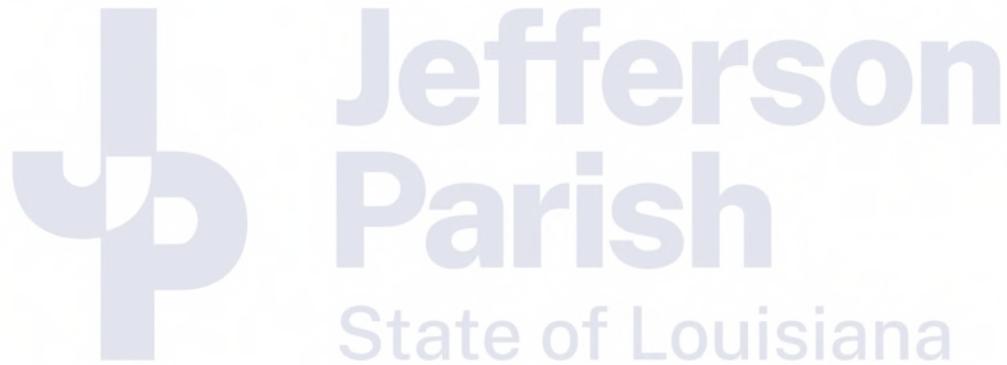
License/Certificate Type - Number

PE.0005924

Expiration Date

03/31/2023

Status: **Active**



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

Name & Title:		
<b>Michael F. Nicoladis, EI, MBA - Senior Vice President</b>		
Project Assignment:		
<b>Principal / Project and Subconsultant Management</b>		
Name of Firm with which associated:		
<b>N-Y Associates, Inc.</b>		
Years' experience with this Firm:		
<b>38 Years</b>		
Education: Degree(s)/Year/Specialization:		
<b>Bachelor of Science/1982/Vanderbilt University/Civil Engineering (Magna Cum Laude)</b>		
<b>Master of Business Administration/1984/Duke University (Fuqua Scholar)</b>		
Active registration: Year first registered/discipline:		
<b>LA (8705)/1982/Engineering Intern</b>		
Other experience and qualifications relevant to the proposed Project:		
<p>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.</p> <p>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.</p>	<p><b>Improvements to Sewage Lift Station at 33<sup>rd</sup> and Hans Street; Kenner, LA:</b> Rehabilitation of an above ground sewage lift station with two pumps increasing the capacity from 1100 GPM to 1250 GPM.</p> <p><b>Rehabilitation of Gravity Sewer Lines in the Chalmette Vista Subdivision; St. Bernard Parish, LA:</b> Replacement of 14,500 LF of existing 8" diameter sewer lines with new HDPE lines using pipe-bursting in the Chalmette Vista subdivision.</p> <p><b>New Veterans Administration Medical Center Infrastructure Improvements; New Orleans, LA:</b> 4400 LF of roadway pavement complete with curbs; base; and 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.</p> <p><b>The Biloxi Broadwater Wastewater Transmission System Improvements (S-21); Biloxi, MS:</b> A 3000 GPM sewage pump station and 9000 LF of 16" force main.</p>	
<p><b>Sewage Collection, Pumping and Treatment</b></p>		
<p><b>Rehabilitation of Sewerage Mini-Systems: Pumping Stations and Force Mains; Jefferson Parish, LA:</b> Miscellaneous rehabilitation work at eleven (11) existing lift stations and the installation of one (1) gravity line.</p> <p><b>New Sewage Lift Station at 33<sup>rd</sup> and Connecticut Street; Kenner, LA:</b> Conversion of an above-ground sewage pump station to a triplex submersible pump station increasing the capacity to 3,000 GPM.</p> <p><b>Sewage Lift Station No. 4344; Kenner, LA:</b> 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" &amp; 12" gravity sewer lines, 8" &amp; 12" sewer force mains and other minor piping; and the removal of existing pumps and equipment.</p>		
	<p><b>Memberships &amp; Associations:</b></p> <ul style="list-style-type: none"> <li>▪ American Society of Civil Engineers</li> <li>▪ Society of American Military Engineers</li> <li>▪ American Council of Engineering Companies</li> <li>▪ American Public Works Association</li> <li>▪ American Association of Airport Executives</li> <li>▪ Tau Beta Pi</li> <li>▪ Chi Epsilon</li> <li>▪ Who's Who in America (Marquis)</li> <li>▪ Who's Who in Science and Engineering (Marquis)</li> <li>▪ Who's Who in Finance and Industry (Marquis)</li> </ul>	



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**Mr. Michael F. Nicoladis**

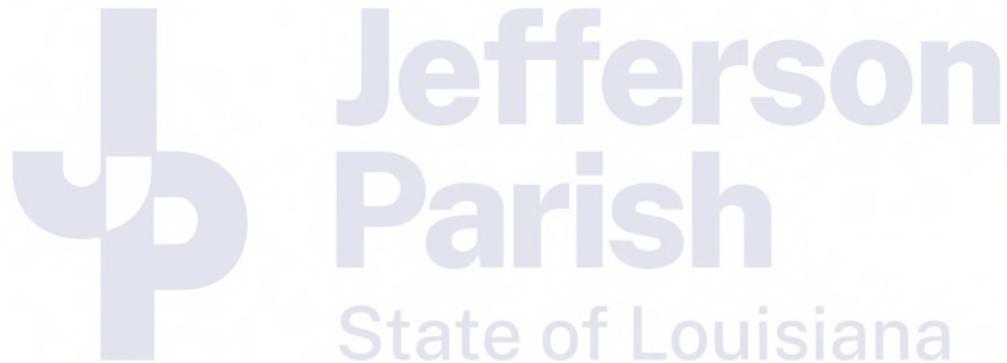
License/Certificate Type - Number

**EI.0008705**

Expiration Date

**09/30/2023**

Status: **Active**



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

Name & Title:	
<b>Fred C. Mortali, PE – Civil Engineer</b>	
Project Assignment:	
<b>Civil and Hydraulic Engineer</b>	
Name of Firm with which associated:	
<b>N-Y Associates, Inc.</b>	
Years' experience with this Firm:	
<b>13 Years</b>	
Education: Degree(s)/Year/Specialization:	
<b>Bachelor of Civil Engineering/1989/University of Toledo/Civil Engineering</b>	
Active registration: Year first registered/discipline:	
<b>LA (35111)/2010/Civil Engineering MS (20103)/2011/Civil Engineering</b>	

Other experience and qualifications relevant to the proposed Project:

**Sewage Collection, Pumping and Treatment**

➤ **With N-Y**

**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 Sewer Point Repairs for Phase 1 (PW 18971); St. Bernard Parish, LA:** Plans and specifications for gravity sewer point repairs, including pipe replacement, CIPP lining, and manhole repairs as needed.

**Rehabilitation of Gravity Sewer Lines in the Chalmette Vista Subdivision; St. Bernard Parish, LA:** Replacement of 14,500 LF of existing 8" diameter sewer lines with new HDPE lines using pipe-bursting in the Chalmette Vista subdivision.

**Rehabilitation and Upgrade of Twelve (12) Wastewater Lift Stations for the St. Bernard Port, Harbor & Terminal District:** **The rehab and upgrading of 12 wastewater lift stations to Ten States Standards** and mitigation of future flooding of electric motors and controls.

**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 and site work.

➤ **With Other Firms**

**Palm Coast Wastewater Treatment Facility; Palm Coast, FL:** Expansion of a Wastewater Treatment Facility which resulted in a parallel train including a new headworks, oxidation ditch, 2 clarifiers, the addition of a disc filter bed and water management reuse structures. The proposed expansion was 6.83 MGD.

**Additional Experience**

➤ **With N-Y**

**Duncan Canal Drainage Improvements at West Esplanade Avenue; Kenner, LA:** A Hydraulics Study using HEC-RAS and LADOTD Standards and Design of a +/- 300 LF reinforced concrete box culvert to improve stormwater flow in the Duncan Canal at its intersection with Canal No. 2 at West Esplanade Avenue.

**Program Management of the Eastbank FEMA Submerged Roads Program; Jefferson Parish, LA:** Design Management and Construction Management of \$83 million of FEMA funded concrete and asphalt street improvements, due to damage sustained during Hurricane Katrina. N-Y was responsible for overall program implementation including the oversight of five (5) design engineers and approximately twenty (20) construction contractors.

**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.

**Waterline Replacement Program for the French Quarter and CBD; New Orleans, LA:** \$7 million waterline replacement & roadway reconstruction: 2500 LF of 8" waterline; 5000 LF of 12" waterline; 480 LF of 20" waterline; 1450 LF of 24" waterline; 1450 LF of 30" waterline.

**Memberships & Associations:**

- American Society of Civil Engineers

LICENSURE/CERTIFICATIONS: FRED MORTALI, PE



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(LAPELS)  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. Fred Charles Mortali**

License/Certificate Type - Number	Expiration Date
<b>PE.0035111</b>	<b>03/31/2024</b>
Status: <b>Active</b>	



*The American Traffic Safety  
Services Association*

Hereby recognizes that

**Fred Mortali**  
has attended  
Traffic Control Supervisor Refresher-LA State Specific  
Training Course

4/13/2019 to 4/13/2019  
Date

New Orleans, LA  
Location

*Deanna Whang*  
Training & Products Dept. Director

*Ryan A. Wintz*  
President, CEO

*Certificate of Attendance*

presented to

*Fred Mortali*

for attending the

**Highway Safety Manual Workshop**  
20 Professional Development Hours

*March 8-10, 2016*

Baton Rouge, Louisiana

*Wal Blaylock*  
Authorized Instructor



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

Name &amp; Title:

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

Project Assignment:

**Senior Civil Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**28 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 over 45 years of progressively responsible civil engineering experience. His extensive experience includes drainage systems such as canals and pumping stations, and flood and surge control projects. He is responsible for managing these types of projects for the firm and is also responsible for the firm's transportation and structural engineering practice. Mr. Simmons experience includes:

**Sitework and Utility Projects (including sewerage):**

- New Streets and Utility Systems at the Desire Public Housing Development in New Orleans, LA
- New Multi-Mission Station Building for the United States Coast Guard in New Orleans, LA
- New Job Corps Center for the United States Department of Labor, Carville, LA

**Roadway and Drainage Projects:**

- West Esplanade Avenue from Bonnabel Boulevard to Lake Avenue, for Jefferson Parish, LA
- West Napoleon Avenue from Houma Blvd. to Cleary Avenue in Jefferson Parish, LA
- Veterans Memorial Boulevard from David Drive to Roosevelt Boulevard in Jefferson Parish, LA
- Destrehan Avenue from Lapalco Boulevard to the West Bank Expressway in Jefferson Parish, LA
- Perimeter Road, Stages 2 and 3, at New Orleans Louis Armstrong International Airport

**Flood Control Projects:**

- Suburban Drainage Canal in Jefferson Parish, LA
- Canal No. 3 Improvements in Jefferson Parish, LA
- 1,200 CFS drainage pumping station at Bayou Segnette in Jefferson Parish, LA

- Fronting Protection and Backflow Prevention at Cousins, Whitney Barataria and Estelle Pumping Stations in Jefferson Parish, LA
- Replacement of Flood Protection from Bayou Segnette Pumping Station to Westwego Pumping Station No. 2 in Jefferson Parish, LA
- Hurricane Protection Alignments, Westbank and Vicinity, Lake Cataouatche) Hurricane Protection Levee; Jefferson and St. Charles Parishes, LA
- 750 cfs Interim Pump Facility at the East of Harvey Sector Gate Structure; Jefferson Parish, LA
- Interim 2100 cfs Drainage Pumping Station at the 17<sup>th</sup> Street Canal for the U. S. Army Corps of Engineers
- South Claiborne Avenue Manifold Canal for the Sewerage and Water Board of New Orleans

**Port and Marine Projects:**

- Rehabilitation of Berth D, Dock 2 at the Chalmette Slip for the St. Bernard Port, Harbor and Terminal District.
- Relocation of the 65,000 SF LISCO Lumber Facility and Renovations to the Existing LISCO Facility at the St. Bernard Port, Harbor and Terminal District.
- Paving of Berths 5 and 6 at the France Road Terminal, for the Port of New Orleans.

**Memberships & Associations:**

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

LICENSURE/CERTIFICATIONS: JAMES SIMMONS, PE

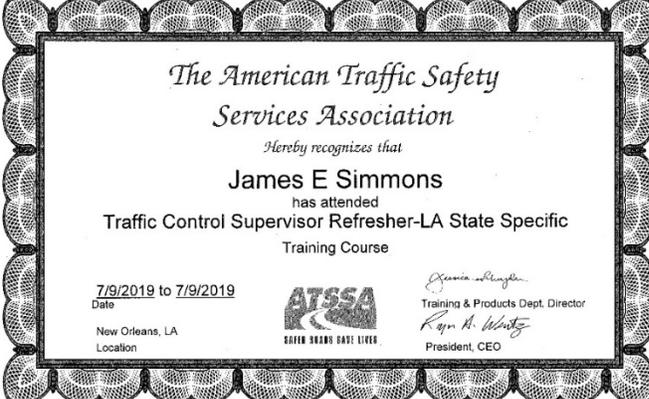


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Phone (225) 925-6291  
www.lapels.com

**Mr. James E. Simmons**

License/Certificate Type - Number      Expiration Date  
**PE.0019891**                                      **09/30/2023**

Status: **Active**



*The American Traffic Safety  
Services Association*

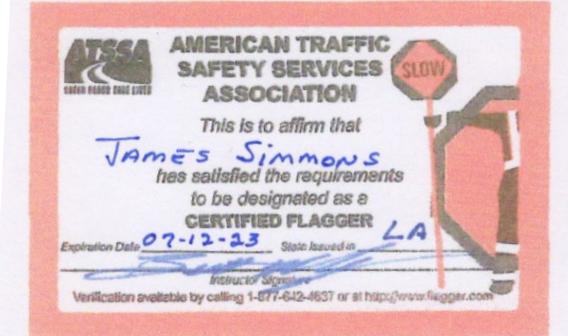
Hereby recognizes that  
**James E Simmons**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific  
Training Course**

**7/9/2019 to 7/9/2019**  
Date  
New Orleans, LA  
Location



SAFER. SMARTER. DATA. LIVES.

*James H. Wintz*  
Training & Products Dept. Director  
*Ray H. Wintz*  
President, CEO



ATSSA AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION  
This is to affirm that  
**James Simmons**  
has satisfied the requirements  
to be designated as a  
**CERTIFIED FLAGGER**  
Expiration Date **07-12-23** State Issued in **LA**  
Instructor's Signature  
Verification available by calling 1-877-842-4637 or at <http://www.flagger.com>

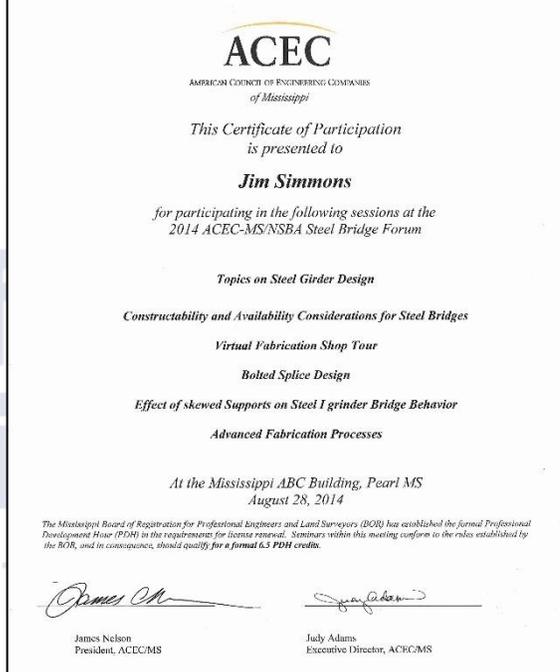


U.S. Department  
of Transportation  
Federal Highway  
Administration

**National Highway Institute**  
Certificate of Training

**James E. Simmons**  
has participated in  
**NEPA and Transportation Decision Making**  
hosted by  
**LADOTD / LTRC**

Location: Baton Rouge, LA      Hours of instruction: 18  
Date: August 31 - September 2, 2004  
*Neil Seal J.A. Garcia*      *William M. Gandy*  
Instructor      Coordinator  
*Morgan Rydelski*      *J.P.W.*  
Director, National Highway Institute      Director, Office of Professional Development  
Federal Highway Administration      Federal Highway Administration



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

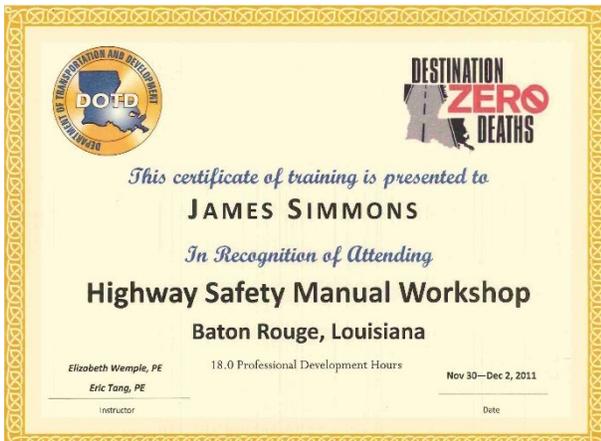
This Certificate of Participation  
is presented to  
**Jim Simmons**  
for participating in the following sessions at the  
**2014 ACEC-MS/NSBA Steel Bridge Forum**

Topics on Steel Girder Design  
Constructability and Availability Considerations for Steel Bridges  
Virtual Fabrication Shop Tour  
Bolted Splice Design  
Effect of skewed Supports on Steel I girder Bridge Behavior  
Advanced Fabrication Processes

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

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

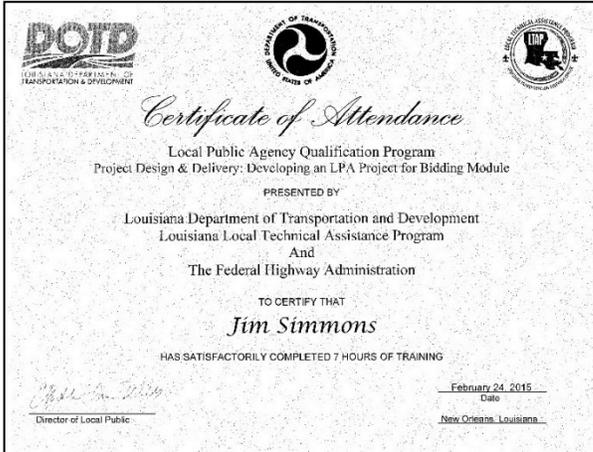
*James Nelson*      *Judy Adams*  
James Nelson      President, ACEC/MS      Executive Director, ACEC/MS



**DESTINATION ZERO DEATHS**

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

Elizabeth Wemple, PE      18.0 Professional Development Hours      Nov 30—Dec 2, 2011  
Eric Tang, PE      Instructor      Date



**DOTD**  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Attendance*

Local Public Agency Qualification Program  
Project Design & Delivery: Developing an LPA Project for Bidding Module  
PRESENTED BY  
Louisiana Department of Transportation and Development  
Louisiana Local Technical Assistance Program  
And  
The Federal Highway Administration

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

*John M. Miller*      *February 24, 2015*  
Director of Local Public      Date  
New Orleans, Louisiana

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

Name & Title:

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

Project Assignment:

**Senior Civil Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc. (contract consultant)**

Years' experience with this Firm:

**2 Years (53 years with Other Firms)**

Education: Degree(s)/Year/Specialization:

**Bachelor of Science/1968/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 been involved with the design and construction of over 500 civil engineering road and site projects over his 53 year career and has served in responsible charge of numerous transportation programs, roadway reconstruction, roadway widening and roadway rehabilitation projects. Mr. Haensel is knowledgeable of local, state, and federal design criteria including FHWA and AASHTO requirements.

**Transportation and Infrastructure Experience**

➤ **With N-Y**

**Replacement of 34 Rural Bridges, LADOTD Districts 08, 58, & 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin, & Jackson Parishes, LA** – The replacement of thirty-four rural bridges crossing creeks and bayous on the State Highway System in LADOTD Districts 08, 58 and 05. As subconsultant, N-Y is responsible for Hydraulic Analysis and Design, Categorical Exclusion Document (NEPA), Preliminary & Final Bridge Plans and Bridge Load Rating Report for each of the 34 structures.

➤ **With Other Firms**

**G.E.C., Inc.; Metairie, LA (2011 – 2019):** From 2011-2016, Mr. Haensel served as Metairie Design Section Manager responsible for supervision of engineering design in the Metairie branch office. From 2017-2019, he served as Vice President in charge of the Metairie Office. Mr. Haensel's experience included the following:

- Fleur de Lis Blvd. Reconstruction: Design and Program Management, Phases I, II and III; New Orleans, LA

**Krebs, LaSalle, LeMieux Consultants, Inc.; Metairie, LA (1974 – 2011):** As Civil Engineer, Mr. Haensel provided engineering design of building foundations, building structures, vehicular bridges, box culverts, storm drainage systems, stormwater pumping systems, levees, floodwalls, water distribution systems, wastewater collection systems, **wastewater pumping stations**, roadways, parking lot pavements, transportation studies, environmental clearance documents and Phase I Environmental Site Assessments.

- Morrison Road – Paris Road – I-10; New Orleans, LA: Sewer improvement for S&WBNO.
- Wilson Avenue Improvement; New Orleans, LA: Sewer improvement for S&WBNO.
- Henderson Street; New Orleans, LA: Sewer improvement for S&WBNO.
- Lakeshore Villages; St. Tammany Parish, LA: Sewer improvement for St. Tammany Parish.
- Columbia Parc Development; New Orleans, LA: Sewer improvement for S&WBNO.

**USACE, New Orleans District (1973 – 1974):** As a GS-11 Civil Engineer in the Channel Stabilization Branch, Mr. Haensel was responsible for engineering design and documentation of river revetments and shore protection for the Mississippi and Atchafalaya Rivers. His duties included locating proposed revetment locations on the rivers and designing articulated concrete mattress for placing on the river side slopes.

**Memberships & Associations:**

- American Society of Civil Engineers

LICENSURE: WILLIAM HAENSEL, PE



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

Mr. William B. Haensel Jr.

License/Certificate Type - Number

PE.0013375

Expiration Date

03/31/2024

Status: **Active**



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(LPELS)  
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Phone (225) 925-6291  
[www.lapels.com](http://www.lapels.com)

Mr. William B. Haensel Jr.

License/Certificate Type - Number

PLS.0004338

Expiration Date

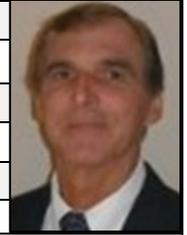
03/31/2024

Status: **Active**

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

Name & Title:

**W. Tully Rhodes, PE – Civil Engineer**



Project Assignment:

**Senior Civil and Hydraulic Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**18 Years**

Education: Degree(s)/Year/Specialization:

**Bachelor of Science/1976/Mississippi State University/Civil Engineering**

**Master of Science/1977/Mississippi State University/Environmental Engineering**

Active registration: Year first registered/discipline:

**LA (1985)/1984/Civil Engineering**

**MS (8055)/1980/Civil Engineering**

Other experience and qualifications relevant to the proposed Project:

Mr. Rhodes has over 43 years of experience and has been in responsible charge of wastewater, water, street and drainage projects on the Mississippi Gulf Coast for over 30 years. He has worked almost exclusively as a project manager on Mississippi Gulf Coast county and municipal infrastructure projects since 1986.

**Sewage Collection, Pumping and Treatment**

**Parishwide Wastewater System Improvements: Major Pump Stations, Force Mains, and 7 Wastewater Treatment Plants, Phases I and II; St. John the Baptist Parish, LA** – N-Y was responsible for formulating a strategy for completing this parish-wide sewerage improvement program. This \$40 million program included the construction of four (4) new wastewater treatment plants; expansion and renovation of two (2) wastewater treatment plants; **60 new wastewater pump stations**, 20 miles of wastewater force mains and 50 miles of new sewer lines, including repair of existing lines utilizing chemical grouting and CIPP Lining.

**Infrastructure Repair Program (FEMA) - Area 2 North Biloxi, Phase 5; Biloxi, MS:** This \$3 million FEMA funded project involved the repair to approx. 6700 LF of city streets & included replacement of sewerlines, waterlines, storm drainage lines and pavement replacement. This project also included the **rehabilitation of two (2) sewer lift stations**.

**Infiltration/Inflow Analysis, Sewer System Evaluation; Ocean Springs, MS:** Video inspection, point repairs, CIPP Slip Lining and internal grouting of sewer lines.

**The Biloxi Broadwater Wastewater Transmission System Improvements (S-21); Biloxi, MS:** A **3000 GPM sewage pump station** and 9000 LF of 16" force main.

**Sewage Force Main from St. Michael Pump Station to Central Business District Pump Station; Biloxi, MS:** The installation of 5800 LF of 10" sewer force main.

**Central Business District Sewerage System Improvements; Biloxi, MS:** A **new 2200 GPM sewage pumping station** to replace an existing station. The project included 1270 LF of 10" sewer force main; 5584 LF of 14" sewer force main; and the installation of 1402 LF of 10" gravity sewer lines; 293 LF of 12" gravity sewer lines; and 227 LF of 15" gravity sewer lines.

**Gulfport to Biloxi Force Main; MS:** 13,000 LF of 20" diameter force main connecting the Debuys Pumping Station in Gulfport with the West Biloxi Sewage Treatment Plant.

**West Biloxi Interceptor System, including Seaway Island and Sunkist; Biloxi, MS:** A sewerage system consisting of 13,320 LF of gravity interceptor lines; 18,760 LF of force main; **4 new wastewater pumping stations**; and modifications to an existing wastewater pumping station.

**EPA 208 Planning Study; Hancock, Harrison & Jackson Counties, MS:** Preparation of an EPA funded 208 plan which involved a coordinated effort to prevent pollution of all water bodies along the Mississippi Gulf Coast.

Mr. Rhodes also gained valuable wastewater experience, while employed with other firms, including:

**Waggoner Engineering; Pascagoula, MS (10/94 - 04/96)**

Role: Service Area Manager

- Ocean Springs, West Wastewater Facility Plan

**Brown & Mitchell; Gulfport, MS (10/90 – 9/94)**

Role: Project Manager

- Bayou View Wastewater Facilities Plan
- Bayou View Wastewater Collection System Improvements - Construction Phase
- Southwest Gulfport Wastewater Collection System Improvements – Construction Phase
- Southwest Gulfport Wastewater Facilities Plan
- Chamberlain Avenue Wastewater Facilities Plan
- Coffee Creek and College Park Wastewater Facility Plan Addendum
- Regional Wastewater Treatment Capacity Evaluation for Biloxi and Gulfport
- Chamberlain Avenue Wastewater Collection System Improvements – Construction Phase

**City Engineer; Slidell LA (09/83 – 02/86)**

Role: City Engineer

- City of Slidell Municipal Wastewater Treatment Plant Construction Administration
- City of Slidell Municipal Collection System Expansion - Construction Administration

**Beard Engineering; Baton Rouge, LA (04/81 – 07/83)**

Role: Project Engineer

- Wastewater Facilities Plan; City of Ruston, LA
- Wastewater Treatment Plant Expansion; City of Ruston, LA
- Municipal Wastewater Pump Station; City of Ruston, LA
- Treatment Plant Expansion; City of Ruston, LA

**N-Y Associates, Inc.; Metairie, LA (10/77 – 03/81)**

Role: Project Engineer

- Seminary, Mississippi Wastewater Collection System Design
- \$150 million Miss. Gulf Coast Regional Wastewater Treatment Study
- St. James Parish, Louisiana Wastewater Facilities Plan
- Seminary, Mississippi Wastewater Facilities Plan
- St. John Parish, Louisiana Wastewater Facilities Plan Revisions
- St. Charles West Bank Wastewater Facilities Plan Revisions
- City of Magee, MS Wastewater System Inflow and Infiltration Study
- St. John Parish, Louisiana Wastewater Collection System Design
- St. James Parish, Louisiana Wastewater Collection System Design

**Memberships & Associations:**

- American Society of Civil Engineers



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

Mr. William Tully Rhodes

License/Certificate Type - Number

PE.0019885

Expiration Date

09/30/2023

Status: **Active**



Jefferson  
Parish  
State of Louisiana

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

Name &amp; Title:

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

Project Assignment:

**Civil and Structural Engineer**

Name of Firm with which associated:

**N-Y Associates, Inc. (contract consultant)**

Years' experience with this Firm:

**43 Years (contract consultant since 2003)**

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:

**Sewage Collection, Pumping and Treatment**

**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)

**Bridge City Wastewater Interceptors (Pump Stations & Force Mains) and Treatment Plant; Jefferson Parish, LA:** Seven (7) new major sewage pump stations ranging from 1350 GPM to 5000 GPM and 58,400 LF of force mains ranging from 12" to 36" in diameter. The expansion of the existing Bridge City WWTP to treat an additional average design flow of 6 MGD, bringing the plants total capacity to 7.23 MGD; and an 11,000 GPM effluent pump station.

**Munster Sewage Treatment Plant Expansion, Effluent Pump Station and Force Main; St. Bernard Parish, LA:**

This \$2 million expansion of the existing treatment facility from 2.5 MGD to 5.8 MGD included a 5.8 MGD effluent pumping station with a 42" force main that discharges in to the Mississippi River.

**Parishwide Wastewater System Improvements: Major Pump Stations, Force Mains, and 7 Wastewater Treatment Plants, Phases I and II; St. John the Baptist Parish, LA:**

N-Y was responsible for formulating a strategy for completing this parish-wide sewerage improvement program. This \$40 million program which included the construction of four (4) new wastewater treatment plants; expansion & renovation of two (2) wastewater treatment plants; 60 new wastewater pump stations, 20 miles of wastewater force mains and 50 miles of new sewer lines, including repair of existing lines utilizing chemical grouting and CIPP Lining.

**Wastewater Treatment Plant; Franklinton, LA:**

Mr. Logan provided structural engineering services for the design of a 0.74 MGD extended aeration activated sludge sewage treatment plant, which included sludge drying beds, laboratory building, effluent pump stations and outfall line.

**West Biloxi Wastewater Treatment Plant Expansion;**

**Biloxi, MS:** This \$1 million expansion of the West Biloxi WWTP from 6 MGD to 9 MGD to accommodate the Keesler Airforce Base, included the addition of a new influent pump station resulting in a peak pumping capacity of 25 MGD.

**Memberships & Associations:**

- American Society of Civil Engineers



LICENSURE/CERTIFICATIONS: NEIL LOGAN, PE



LOUISIANA PROFESSIONAL  
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Mr. Neil D. Logan

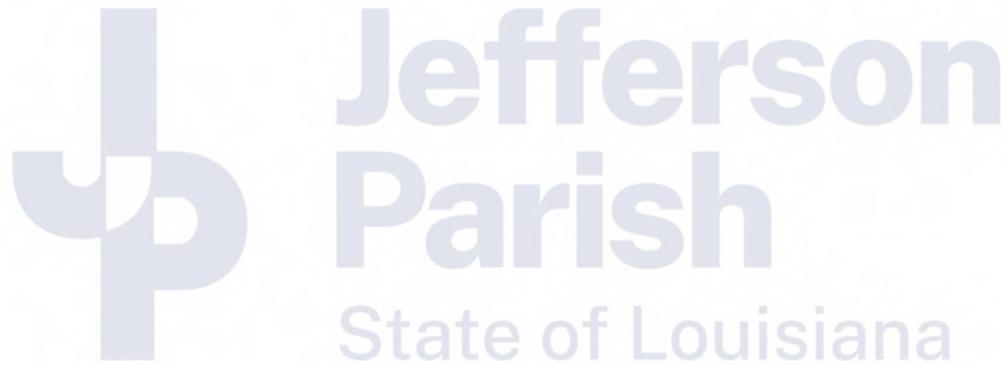
License/Certificate Type - Number

PE.0014607

Expiration Date

03/31/2023

Status: **Active**



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

Name & Title:

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



Project Assignment:

**Hydrology and Hydraulics Engineer / Lead H&H Modeler**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**1 Years (21 years with Other Firms)**

Education: Degree(s)/Year/Specialization:

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

**Master of Science / 2003 / University of New Orleans / Engineering Management**

Active registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

Patricia Claverie has 22 years of experience in H&H modeling. She has extensive knowledge of ArcView, PCSWMM, SWMM5, HEC-HMS, and HEC-RAS for drainage improvements and hydraulic design for bridges and culvert design. Her experience also includes planning and engineering services for Sewer Infiltration and Inflow Management using InfoWorks and developing shape files for GIS. Ms. Claverie also is knowledgeable in roadway design, traffic control plans, signage and pavement marking plans, storm water pollution prevention plans, sanitary sewer and water line improvement plans, and hydrologic studies.

**Stormwater Management Experience**

➤ **With N-Y**

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

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

➤ **With Other Firms**

**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.

**City of Lumberton Drainage Study, Lumberton, TX:** This project consisted of a city-wide Comprehensive Drainage Study (CDS), as well as the construction of two detention ponds and the acquisition of 21,200 linear feet of drainage easements along existing outfall channels. Ms. Claverie developed a hydraulic model using HEC-RAS software to design the detention ponds for two of the six drainage basins. The results of the HEC-RAS model helped identify improvements to all six of the drainage basins.

**Sewage Collection, Pumping and Treatment**

**Wastewater Collection System Modeling, Jefferson Parish, LA:**

Ms. Claverie updated the data in the ArcView shape files of the collection system based on as-builts, field data of manholes, and data acquired with GPS equipment. She analyzed the data from inspections and capacity tests on numerous lift stations and created a hydraulic model using InfoWorks of the entire collection system to identify causes of inflow and infiltration using InfoWorks software and provided specific recommendations for the required improvements based on the modeling results.

**SWBNO SSERP Sewer Collection System Hydraulic Model, New Orleans, LA:**

The project included modeling services using InfoWorks CS for the entire sewerage collection system of the East Bank and West Bank of New Orleans served by the Sewerage and Water Board. The study's purpose is to update the existing drainage systems with new data sets, calibrate and validate the model, run the model for Dry and Wet Weather flows, to identify any observed deficiencies in the collection system and to make budgetary estimates of costs. Ms. Claverie was responsible for updating the sewer model using InfoWorks CS for the existing conditions and proposed improvements for both East Bank and West Bank. She also created ArcGIS maps for the entire service area using ESRI ArcMap.

**Memberships & Associations:**

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

LICENSURE/CERTIFICATIONS: PATRICIA R. CLAVERIE, EI, MS



LOUISIANA PROFESSIONAL  
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www.lapels.com

Ms. Patricia Renee' Claverie

License/Certificate Type - Number

EI.0019340

Expiration Date

09/30/2022

Status: **Active**



Jefferson  
Parish  
State of Louisiana

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

Name & 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:

**48 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:

**Sewage Collection, Pumping and Treatment**

**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.

**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)

**Bridge City Wastewater Interceptors (Pump Stations & Force Mains) and Treatment Plant; Jefferson Parish, LA:** Seven (7) new major sewage pump stations ranging from 1350 GPM to 5000 GPM and 58,400 LF of force mains ranging from 12" to 36" in diameter. The expansion of the existing Bridge City WWTP to treat an additional average design flow of 6 MGD, bringing the plants total capacity to 7.23 MGD; and an 11,000 GPM effluent pump station.

**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.

**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.

**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.

**Sewage Lift Stations and Force Mains; Kenner, LA:** A new duplex submersible pump station with a peak flow capacity of 1350 GPM; 8" to 24" piping modifications & upgrading of an existing 2600 GPM raw sewage transfer pumping station to 4400 GPM and modifications to an existing effluent pump station at WWTP No. 1; and 16,817 LF of new sewage force mains ranging in size from 12" to 16".

**Rehabilitation and Upgrade of Twelve (12) Wastewater Lift Stations for the St. Bernard Port, Harbor & Terminal District:** The rehab and upgrading of 12 wastewater lift stations to Ten States Standards and mitigation of future flooding of electric motors and controls.

**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 and site work.

**Rehabilitation of Nine Sewer Lift Stations; Orleans Parish, LA:** The \$3.8 million reconstruction, elevation and stormproofing of 9 sewer lift stations due to damage sustained during Hurricane Katrina.

**Rehabilitation of Gravity Sewer Lines in the Chalmette Vista Subdivision; St. Bernard Parish, LA:** Replacement of 14,500 LF of existing 8" diameter sewer lines with new HDPE lines using pipe-bursting in the Chalmette Vista subdivision.

**Repair of Lift Station Nos. M2-12, M2-13, M2-14 and M2-15; St. Bernard Parish, LA:** Design, bidding and construction administration for the repair of four (4) submersible sewage lift stations damaged by Hurricane Katrina. The scope included removing and replacing the pumps, control panels, junction boxes and miscellaneous electrical along with cleaning the wet wells and pumps.

**Heights Drive Sewage Force Main and Lift Station; St. Bernard Parish, LA:** Design, bidding, construction administration and resident inspection services for 9000 LF of dual 6" sewer force main; 3500 LF of single 6" sewer force main; and a 208 GPM duplex submersible lift station.

**New Sewer Point Repairs for Phase 1 (PW 18971); St. Bernard Parish, LA:** Plans and specifications for gravity sewer point repairs, including pipe replacement, CIPP lining, and manhole repairs as needed.

**Munster Sewage Treatment Plant Expansion, Effluent Pump Station and Force Main; St. Bernard Parish, LA:** The \$2 million expansion of the existing treatment facility from 2.5 MGD to 5.8 MGD included a 5.8 MGD effluent pumping station with a 42" force main that discharges in to the Mississippi River.

**Parishwide Wastewater System Improvements: Major Pump Stations, Force Mains, and 7 Wastewater Treatment Plants, Phases I and II; St. John the Baptist Parish, LA:** N-Y was responsible for formulating a strategy for completing this parish-wide sewerage improvement program. This \$40 million program which included the construction of four (4) new wastewater treatment plants; expansion and renovation of two (2) wastewater treatment plants; 60 new wastewater pump stations, 20 miles of wastewater force mains and 50 miles of new sewer lines, including repair of existing lines utilizing chemical grouting and CIPP Lining.

**Infrastructure Repair Program (FEMA) - Area 2 North Biloxi, Phase 5; Biloxi, MS:** This \$3 million FEMA funded project involved the repair to approx. 6700 LF of city streets and included the replacement of sewerlines, waterlines, storm drainage lines and pavement replacement. This project also included the rehabilitation of two (2) sewer lift stations.

**Central Business District Sewerage System Improvements:** Design and construction administration for a new 2200 GPM sewage pumping station to replace an existing station. The project included 1270 LF of 10" sewer force main; 5584 LF of 14" sewer force main; and the installation of 1402 LF of 10" gravity sewer lines; 293 LF of 12" gravity sewer lines; and 227 LF of 15" gravity sewer lines.

**The Biloxi Broadwater Wastewater Transmission System Improvements (S-21); Biloxi, MS:** Conceptual design, plans and specifications, bidding, construction administration and resident inspection for a 3000 GPM sewage pump station and 9000 LF of 16" force main.

#### Memberships & Associations:

- American Society of Certified Engineering Technicians

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



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

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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

*Sandra Romero*  
Authorized By

**LTRC**  
Louisiana Transportation Research Center

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

Name & Title:	
<b>Noah Jackson, CADD/CADD Technician</b>	
Project Assignment:	
<b>Engineering CADD Technician</b>	
Name of Firm with which associated:	
<b>N-Y Associates, Inc.</b>	
Years' experience with this Firm:	
<b>4 Years (19 Years with Other Firms)</b>	
Education: Degree(s)/Year/Specialization:	
<b>Associates Degree/Engineering Technology</b>	
Active registration: Year first registered/discipline:	
<b>N/A</b>	
Other experience and qualifications relevant to the proposed Project:	
<b>Training: AutoCAD Civil 3D, Bentley Microstation and Revit 2020</b>	

**Sewage Collection, Pumping and Treatment**

**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 and site work.

**Other Experience**

**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, and multiple T-wall monoliths up to 15' high designed to current HSDRRS criteria.

**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 27' high) to current HSDRSS criteria associated with the following 4 West Shore project Drainage Pumping Stations: Hope Canal Pump Station, Reserve Relief Canal Pump Station, I-55 Floodwall & Pump Station, Prescott Canal Pump Station.

**Comite River Diversion Project, New US Highway 61 Bridges; East Baton Rouge Parish, LA:** New northbound and southbound highway bridges, each having two, 12' travel lanes, a 6' inside shoulder, a 10' outside shoulder and a design speed of 65 mph. This project includes a new 1.2 mile bypass road, relocation of a ½ mile of Barnett Road and a section of the Comite River Diversion Channel beneath, between and adjacent to the new bridges.

**Comite River Diversion Project, Bayou Baton Rouge Drop Structure; East Baton Rouge Parish, LA:** Evaluation and Design of an alternative drop configuration using a "Rock Chute" consisting of a fully lined riprapped channel with a stilling basin at the downstream end. The project also includes a section of the Comite River Diversion Channel, realignment of Bayou Baton Rouge, relocation of 1 mile of 2-lane Carney Road, and a new 3-span, pre-cast concrete girder bridge over the realigned Bayou Baton Rouge.

**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).

**Replacement of 34 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA:** The replacement of thirty-four (34) rural bridges crossing creeks and bayous on the State Highway System in LADOTD District 08, 58 and 05. As subconsultant, N-Y is responsible for Hydraulic Analysis and Design, Categorical Exclusion Document (NEPA), Preliminary and Final Bridge Plans and Bridge Load Rating Report for each of the 34 structures.

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

Name & 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:

**2 Year (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**

**With N-Y**

**Jefferson Parish Water System Assessment; Jefferson Parish, LA:** An assessment of the Jefferson Parish water system to prioritize projects for replacement of critical water pipeline infrastructure. The assessment will provide actionable recommendations for pipe renewal and will serve as the foundation for an improved waterline evaluation, renewal and management system.

**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.

**West Shore Lake Pontchartrain, WSLP-109 Levees and Floodwalls; St. John the Baptist Parish, LA:** 5580 LF of new levee, 280 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 15' high designed to current HSDRRS criteria; and a multi-culvert crossing of the interior drainage canal at the access road.

**West Shore Lake Pontchartrain, WSLP-114, 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 27' high) to current HSDRRS criteria associated with the following four West Shore project Drainage Pumping Stations: Hope Canal Pump Station, Reserve Relief Pump Station, I-55 Floodwall and Pump Station, and Prescott Canal Pump Station. (subconsultant)

**Carney Road New Alignment and 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 including two, 11' travel lanes and 8' shoulders/bicycle lanes meeting East Baton Rouge's Complete Streets requirement.

**Improvements to France Road, from Hayne Blvd. to US 90/Chef Menteur 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.

**Other Experience**

**HMGP Elevation of Parish Roads, Coast Guard Road; Plaquemines Parish, LA:** CAD drawings for the proposed 2 foot elevation and stabilization for Coast Guard Road using AutoCAD Civil 3D and Storm & Sanitary Analysis software from surveys, shapefiles, parcels and Hydrologic & Hydraulic (H&H Studies). Mr. LeMay also worked on creating a proposed gravity pipe network for stormwater improvements.

**Viola Street Widening; St. Tammany Parish, LA:** CAD drawings for the street milling, overlay and widening of lanes throughout Viola Street in St. Tammany Parish.

**Concrete Pavement Repair and Replacement; St. Bernard Parish, LA:** CAD drawings from hand sketches, field notes and manufacturer specs. Mr. LeMay assisted in the design and construction of Portland cement concrete pavement repairs in the Chalmette Vista and Buccaneer Villa neighborhoods of St. Bernard Parish.

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

Name &amp; Title:

**Verlin Ladner, QAR**

Project Assignment:

**Quality Assurance Representative / Resident Inspection**

Name of Firm with which associated:

**N-Y Associates, Inc.**

Years' experience with this Firm:

**8 Years**

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.

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

**Shell Potable Waterline; St. John the Baptist Parish, LA:** Resident Inspection for the extension of the dead end 12" waterline on Airline Highway (US 61) west of Terre Haute Road 3430 LF to the Shell facility for emergency purposes (Concha Lane).

**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 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.

**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.

➤ **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

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

Name & Title:		
<b>Stanley J. Mitchell - Quality Assurance Representative</b>		
Project Assignment:		
<b>Quality Assurance Representative</b>		
Name of Firm with which associated:		
<b>N-Y Associates, Inc.</b>		
Years' experience with this Firm:		
<b>9 Years</b>		
Education: Degree(s)/Year/Specialization:		
<b>Various Technical and Managerial Courses provided by Civil Service</b>		
Active registration: Year first registered/discipline:		
<b>N/A</b>		
Other experience and qualifications relevant to the proposed Project:		
<p><b>Quality Assurance Experience:</b></p> <ul style="list-style-type: none"> <li>➤ <b>With N-Y</b></li> </ul> <p><b>Lone Star Area Sewer Rehabilitation; St. Charles Parish, LA:</b> 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.</p> <p><b>Cattle Farm Lift Station and Force Main; City of Kenner, LA:</b> 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.</p> <p><b>New Veterans Administration Medical Center Infrastructure Improvements; New Orleans, LA:</b> 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.</p> <p><b>Tchoupitoulas Corridor Signage and Striping; New Orleans, LA:</b> 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.</p>		<p><b>Street and Utility Reconstruction Projects for the City of New Orleans:</b> Reconstruction of concrete &amp; 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.</p> <ul style="list-style-type: none"> <li>➤ <b>With Other Firms</b></li> </ul> <p><b>Thirty years of experience in utilities maintenance and technical support services with the Sewerage and Water Board of New Orleans (1982-2012)</b></p> <p><b>In this role, Mr. Mitchell's responsibilities included the following:</b></p> <ul style="list-style-type: none"> <li>▪ Managed and developed three (3) service departments with a staff of 123.</li> <li>▪ Responsible for contract work order repairs.</li> <li>▪ Managed projects from \$20,000 to millions of dollars in construction value.</li> <li>▪ Reported directly to the Chief of Networks.</li> <li>▪ Managed inspectors' routes and overtime. Regularly monitored contracts to keep costs down.</li> <li>▪ Conducted special analyses and cost comparisons and research reports.</li> <li>▪ Developed innovative solutions that reduced repair costs.</li> <li>▪ Set up check points within a work order to manage bottlenecks and deadlines.</li> <li>▪ Managed the testing of local water and sewer lines.</li> <li>▪ Managed construction of line and point repairs and replacement of water and sewer lines.</li> <li>▪ Closed work orders and conducted final inspections.</li> <li>▪ Managed staff to monitor and inspect job sites.</li> <li>▪ Monitored production, distribution, data processing, and final reports.</li> </ul>

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

Name & Title:	
<b>Johnny Thompson, QAR - Field Representative</b>	
Project Assignment:	
<b>Field Representative</b>	
Name of Firm with which associated:	
<b>N-Y Associates, Inc.</b>	
Years' experience with this Firm:	
<b>5 Years (45 years with other firms)</b>	
Education: Degree(s)/Year/Specialization:	
<b>Associates Degree/Mechanical &amp; Electrical Engineering and HVAC Controls</b>	
Active registration: Year first registered/discipline:	
<b>N/A</b>	

Other experience and qualifications relevant to the proposed Project:

**Quality Assurance Experience:**

➤ **With N-Y**

**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.

**Port of South Louisiana – DOW Chemical Railyard Expansion; St. Charles Parish, LA:** Resident Inspection Services during the construction of a five-track railyard for DOW Chemical that will accommodate 200 rail cars. (subconsultant)

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

**Additional 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.

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 Sewage Pump Station and Re-routing of Force Mains at Transcontinental and Vineland Streets; Metairie, 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 data-bbox="191 989 451 1205" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p><b><u>N-Y Personnel:</u></b> F. Nicoladis, PE C. Nicoladis, PE F. Mortali, PE N. Logan, PE D. Voss, NICET</p> </div>	<p>a. Design, bidding, construction administration, and resident inspection of a <b>new 23,000 GPM wastewater pumping station, including all sitework, pump house building, pumps, valves, crane, electrical controls, dual power feed, and all other appurtenant work.</b> The station features an above ground wetwell. The project also included tapping two (2) existing 24" diameter force mains and installing pipeline to the splitter box of the new booster station. Also included was the tying of the discharge line of the new station to the existing 30" force main.</p> <p>This station has dual power feeds and includes four (4) peak flow pumps each with an operating capacity of 11,450 GPM and two (2) low flow pumps each with operating capacity of 3,000 GPM. The total station discharge is limited to 23,000 GPM due to outfall restrictions and the design of the pumps to account for different operating/flow and pump backup scenarios.</p> <p>b. Design of an overflow bypass system which includes two, 24" sewer mains installed at the top of the above ground wet well which manifolds into a 36" sewer main that ties to an existing 30" 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.</p>	 
<p><b>Completion Date (Actual or Estimated):</b></p> <p>a. 1998 b. 2018</p>		

**PROJECT NO. 2**

**Project Name, Location and Owner's contact information:**

**Nature of Firm's Responsibility:**

**Wastewater Projects at the St. Bernard Port, Harbor and Terminal District**

- A. Rehabilitation and Upgrading of 12 Sewage Lift Stations
- B. New Wastewater Treatment Plant

**Owner:**  
 St. Bernard Port, Harbor and Terminal District  
 PO Box 1331  
 Chalmette, LA 70044

**Contact:**  
 Mr. Drew Heaphy, Executive Director  
 (504) 277-8418

**N-Y Personnel:**  
 F. Nicoladis, PE  
 C. Nicoladis, PE  
 F. Mortali, PE  
 D. Voss, NICET  
 N. Jackson, CADD

**A. Rehabilitation and Upgrading of 12 Sewage Lift Stations**

Preliminary Engineering Report followed by the Design, Bidding and Construction Administration of the **Rehabilitation and Upgrading of 12 sewage lift stations to Ten States Standards and mitigation of future flooding of electric motors and controls.**

The project also includes abandoning and demolishing an existing sewage treatment plant and pumping sewerage via a new force main to another sewage pump station for transfer to the sewage treatment plant.

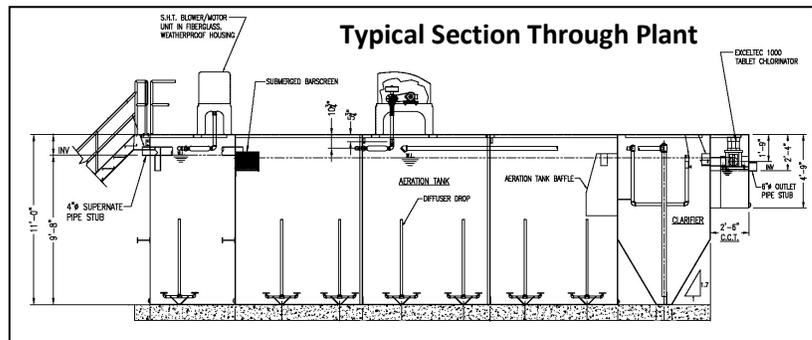


**Lift Station Locations**

**B. New Wastewater Treatment Plant**

Design for 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



**Completion Date (Actual or Estimated):**

- A. 2017
- B. 2021

**Estimated Cost:**

**Entire Project:**

- A. \$1.2 million
- B. \$500,000

**Work for which Firm was Responsible:**

**100%**

**PROJECT NO. 3**

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Rehabilitation of Nine (9) Lift Stations for the Sewerage and Water Board of New Orleans</b></p> <p><b>Owner:</b> Sewerage and Water Board of New Orleans 625 St. Joseph St. New Orleans, LA 70165</p> <p><b>Contact:</b> Mr. Ron Spooner, PE General Superintendent (504) 865-0650</p> <div data-bbox="196 1123 459 1276" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p><b>N-Y Personnel:</b> F. Nicoladis, PE C. Nicoladis, PE D. Voss, NICET</p> </div>	<p>Preliminary Engineering Report, followed by construction plans and specifications, bidding and construction administration for <b>reconstruction, elevation and stormproofing of the nine (9) sewer lift stations listed below, due to damage sustained during Hurricane Katrina.</b></p> <ul style="list-style-type: none"> <li>▪ Lakewood South</li> <li>▪ Bridge Plaza</li> <li>▪ Berg</li> <li>▪ Burke</li> <li>▪ Briarwood</li> <li>▪ K-Mart</li> <li>▪ Liggett</li> <li>▪ Shorewood</li> <li>▪ Weber</li> </ul> <div data-bbox="917 604 1466 961" style="text-align: center;">  <p><b>Briarwood: New Electrical Equipment Installation</b></p> </div> <div data-bbox="613 1165 1166 1549" style="text-align: center;">  <p><b>Shorewood: Construction in Progress</b></p> </div>	
<p align="center"><b>Completion Date (Actual or Estimated):</b></p>	<p><b>Estimated Cost:</b></p>	
	<p><b>Entire Project:</b></p>	<p><b>Work for which Firm was Responsible:</b></p>
<p><b>2012</b></p>	<p><b>\$3.8 million</b></p>	<p><b>100%</b></p>

**PROJECT NO. 4**

Project Name, Location and Owner's contact Information:	Nature of Firm's Responsibility:								
<p><b>City of Kenner Sewage Lift Station and Force Main Improvements; Kenner, LA</b></p> <p><b>A. New Sewage Lift Station at 33<sup>rd</sup> &amp; Connecticut Street</b></p> <p><b>B. Improvements to Sewage Lift Station at 33<sup>rd</sup> and Hans Streets</b></p> <p><b>C. New Sewage Lift Station No. 4344</b></p> <p><b>D. Lift Station and Force Main Improvements</b></p> <p><b>Owner:</b> City of Kenner 1801 Williams Boulevard Kenner, LA 70062</p> <p><b>Contact:</b> Jose' Gonzalez, PE (504) 360-8787</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>N-Y Personnel:</b> F. Nicoladis, PE C. Nicoladis, PE M. Nicoladis, EI, MBA D. Voss, NICET</p> </div>	<p><b>A. New Sewage Lift Station at 33<sup>rd</sup> &amp; Connecticut St.</b> Design, bidding, and construction administration and resident inspection for conversion of an above-ground pump station to a triplex submersible pump station increasing the capacity to 3,000 GPM.</p> <p><b>B. Improvements to Sewage Lift Station at 33<sup>rd</sup> and Hans Street</b> Design, bidding, construction administration, and resident inspection for the rehabilitation of an above ground sewage lift station with two pumps increasing the capacity from 1100 gpm to 1250 gpm. This required new pumps, hatches, controls, valves and piping, fencing, and wetwell.</p> <p><b>C. Sewage Lift Station No. 4344</b> Design, bidding, construction administration, and resident inspection for the construction of a 120" diameter, 21' deep precast concrete wet well and associated pile supported foundation; a pile supported 8' x 6'-6", 8 foot deep valve box; an emergency pump out manhole; the installation of 2 submersible wastewater pumps each capable of handling 2650 gpm at 70 feet of TDH, with associated electrical, hydraulic, mechanical and piping work; the installation of 24" and 12" gravity sewer lines, 8" and 12' sewer force mains and other minor piping; and the removal of existing pumps and equipment.</p> <p><b>D. Lift Station and Force Main Improvements</b> Design, Bidding, Construction Administration and Resident Inspection for:</p> <ol style="list-style-type: none"> <li>i. New duplex submersible pump station with a peak flow capacity of 1350 GPM. The existing pump station remained on-line during the switchover to this new station.</li> <li>ii. 8" to 24" piping modifications and upgrading of an existing 2600 GPM raw sewage transfer pumping station to 4400 GPM and modifications to an existing effluent pump station at Wastewater Treatment Plant No. 1.</li> <li>iii. New sewage force mains totaling 16,817 LF and ranging in size from 12" to 16", including a jack and bore of a steel casing for a 16" SFM under Loyola Drive. Also included were jack and bores of two steel casings, one for a 16" SFM under 32<sup>nd</sup> St.; one for a 12" SFM under 32<sup>nd</sup> St.</li> </ol>	  <p align="center"><b>24" Force Main Tie-In</b></p>							
<p><b>Completion Date (Actual or Estimated):</b></p> <p>A. 2011 B. 2005 C. 2004 D. 1997</p>	<p align="center"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Entire Project:</th> <th style="width: 50%;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td>A. \$1.02 million</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">100%</td> </tr> <tr> <td>B. \$185,000</td> </tr> <tr> <td>C. \$395,000</td> </tr> <tr> <td>D. \$2 million</td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was Responsible:	A. \$1.02 million	100%	B. \$185,000	C. \$395,000	D. \$2 million
Entire Project:	Work for which Firm was Responsible:								
A. \$1.02 million	100%								
B. \$185,000									
C. \$395,000									
D. \$2 million									

**PROJECT NO. 5**

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Sewerage Improvement Projects; St. Bernard Parish, LA</b></p> <p><b>A. Replacement of Gravity Sewer Lines in the Chalmette Vista Subdivision</b></p> <p><b>B. New Sewer Point Repairs for Phase 1 (PW 18971)</b></p> <p><b>C. Heights Drive Sewage Force Main and Lift Station</b></p> <p><b>D. Repair of Lift Station Nos. M2-12, M2-13, M2-14 and M2-15</b></p> <p><b>E. Munster Sewage Treatment Plant Expansion, Effluent Pump Station and Force Main</b></p> <p><b>Owner:</b> St. Bernard Parish Department of Public Works 1125 East St. Bernard Hwy Chalmette, LA 70043</p> <p><b>Contact:</b> Guy McInnis, Parish President (504) 278-4280</p> <div style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p><b><u>N-Y Personnel:</u></b> F. Nicoladis, PE C. Nicoladis, PE M. Nicoladis, EI, MBA F. Mortali, PE N. Logan, PE D. Voss, NICET</p> </div>	<p><b>A. Replacement of Gravity Sewer Lines in the Chalmette Vista Subdivision:</b> Design, Bidding and Construction Administration of the replacement of 14,500 LF of existing 8' diameter sewer lines with new HDPE lines using pipe-bursting in the Chalmette Vista subdivision.</p> <p><b>B. New Sewer Point Repairs for Phase I (PW 18971):</b> Plans and Specifications for Phase 1 Gravity Sewer Point Repairs which included pipe replacement, CIPP lining and manhole repairs, as needed.</p> <p><b>C. Heights Drive Sewage Force Main and Lift Station:</b> Design, bidding, construction administration and resident inspection services for <b>9,000 LF of dual 6" sewer force main, 3,500 LF of single 6" sewer force main and a 208 gpm at 90 ft. of TDH duplex submersible lift station.</b></p> <p><b>D. Repair of Lift Station Nos. M2-12, M2-13, M2-14 and M2-15:</b> Design, bidding and construction administration for <b>the repair of four submersible lift stations damaged by Hurricane Katrina. The scope included removing &amp; replacing pumps, control panels, junction boxes, &amp; miscellaneous electrical along with cleaning the wet wells and pumps.</b></p> <p><b>E. Munster Sewage Treatment Plant Expansion, Effluent Pump Station and Force Main:</b> Design, Bidding &amp; Construction Administration for the expansion of the existing treatment facility from 2.5 MGD to 5.8 MGD <b>including a 5.8 MGD effluent pumping station with a 42" force main that discharges into the Mississippi River.</b></p>	  
<p align="center"><b>Completion Date (Actual or Estimated):</b></p>	<p><b>Estimated Cost:</b></p>	
	<p><b>Entire Project:</b></p>	<p><b>Work for which Firm was Responsible:</b></p>
<p>A. 2017</p> <p>B. 2012</p> <p>C. 2009</p> <p>D. 2009</p> <p>E. 1987</p>	<p>A. \$2.2 million</p> <p>B. \$5 million</p> <p>C. \$1.5 million</p> <p>D. \$750,000</p> <p>E. \$2 million</p>	<p><b>100%</b></p>

**PROJECT NO. 6**

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Rehabilitation of 11 Sewerage Mini-Systems (Pumping Stations and Force Mains); 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 data-bbox="203 989 500 1163" style="border: 1px solid black; padding: 5px; margin-top: 20px;"> <p><b><u>N-Y Personnel:</u></b> F. Nicoladis, PE C. Nicoladis, PE M. Nicoladis, EI, MBA D. Voss, NICET</p> </div>	<p>Design, bidding, construction administration and resident inspection for miscellaneous rehabilitation work at 11 existing lift stations and the installation of one (1) gravity line.</p> <ul style="list-style-type: none"> <li>▪ All of the lift stations have new electrical controls, except one (1).</li> <li>▪ Two (2) stations were converted to self-priming stations</li> <li>▪ One (1) station was converted to a submersible station</li> <li>▪ Four (4) stations have new pumps/motors, along with structural rehabilitation work and new mechanical equipment such as valves.</li> </ul> <div data-bbox="732 856 1442 1381" style="text-align: center;">  </div>	
<p align="center"><b>Completion Date (Actual or Estimated):</b></p>	<p><b>Estimated Cost:</b></p>	
	<p align="center"><b>Entire Project:</b></p>	<p align="center"><b>Work for which Firm was Responsible:</b></p>
<p align="center">1997</p>	<p align="center">\$1 million</p>	<p align="center">100%</p>

**PROJECT NO. 7**

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p><b>Parish-Wide Wastewater System Improvements (Major Pump Stations, Force Mains, and Seven (7) Wastewater Treatment Plants) for St. John the Baptist Parish, Phases I and II</b></p> <p><b>Owner:</b> St. John the Baptist Parish Department of Public Works 1811 W. Airline Hwy. LaPlace, LA 70068</p> <p><b>Contact:</b> Jaclyn Hotard, Parish President (985) 652-9569</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>N-Y Personnel:</b> F. Nicoladis, PE C. Nicoladis, PE M. Nicoladis, EI, MBA W. Tully Rhodes, PE N. Logan, PE D. Voss, NICET</p> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">  <p>LAPLACE WWTP</p> </div> <div style="text-align: center;">  <p>TIGERVILLE WWTP</p> </div> <div style="text-align: center;">  <p>WALLACE WWTP</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;">  <p>WOODLAND WWTP</p> </div> <div style="text-align: center;">  <p>GARYVILLE WWTP</p> </div> <div style="text-align: center;">  <p>CENTRAL WWTP</p> </div> </div>	<p>N-Y prepared 201 Facility Plans for both the East &amp; West Banks of the Parish which included conceptual construction plans, an infiltration/inflow tests of the existing collection systems in LaPlace and Reserve, a sewer system evaluation survey of the Reserve collection system, and environmental assessments. <b>N-Y then formulated a strategy for completing this parish-wide sewerage improvement program.</b> Working closely with Parish officials, N-Y determined the needs of the Parish, prepared preliminary plans, estimates of construction costs, and developed a priority list of proposed improvements. As part of this process, N-Y assisted the Parish in researching a variety of financing methods (i.e., ad valorem bonds, revenue bonds, sales tax bonds, front foot assessments and grants).</p> <p><b>N-Y then prepared final plans &amp; specifications and provided construction administration and resident inspection for the \$40 million construction of three new wastewater treatment plants on the West bank at Tigerville, Central and Wallace; a new wastewater treatment plant at Garyville and the expansion and renovation of the LaPlace Wastewater Treatment Plant and the Reserve Sewage Oxidation Pond - for a total of six plants. The project also included 60 new wastewater pump stations, 20 miles of wastewater force mains, 50 miles of new sewer lines (including repair of existing lines utilizing chemical grouting and CIPP Slip Lining).</b></p> <p>Under a separate project N-Y also designed the Woodland Wastewater Treatment Plant. Capacities of the wastewater treatment plants vary in size from 150,000 GPD to 4.5 MGD. Also under a separate program, N-Y provided the engineering services for re-directing the gravity effluent flow of the Reserve Oxidation Pond from the swamp to the Mississippi River by the construction of a new pump station and 18" diameter force main.</p>					
<p><b>Completion Date (Actual or Estimated):</b></p> <p align="center">1997</p>	<p align="center"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>Entire Project:</b></td> <td style="width: 50%; text-align: center;"><b>Work for which Firm was Responsible:</b></td> </tr> <tr> <td style="text-align: center;">\$ 40 million</td> <td style="text-align: center;">100%</td> </tr> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	\$ 40 million	100%
<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>					
\$ 40 million	100%					

**PROJECT NO. 8**

**Project Name, Location and Owner's contact information:**

**Nature of Firm's Responsibility:**

**The Biloxi Broadwater Wastewater Transmission System Improvements (S-21): Lift Station and Force Main; Biloxi, MS**

**Owner:**  
 Harrison County Utility Authority  
 10271 Express Dr.  
 Gulfport, MS 39503

**Contact:**  
 John Wilson, PE  
 Executive Director  
 (228) 868-8752

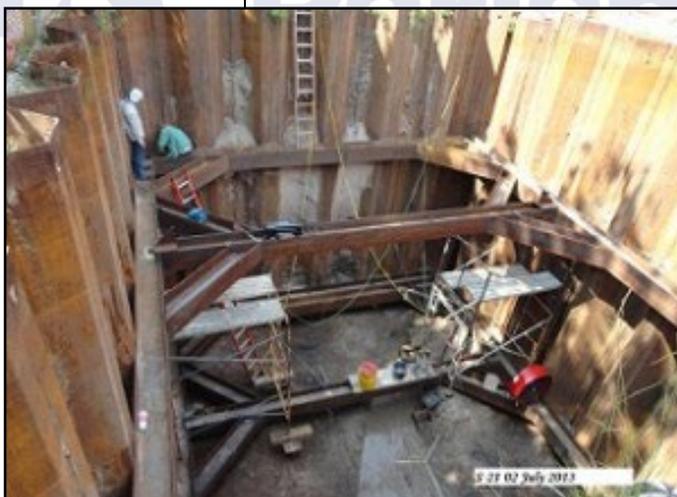
**N-Y Personnel:**

- F. Nicoladis, PE
- C. Nicoladis, PE
- W. Tully Rhodes, PE
- M. Nicoladis, EI, MBA
- D. Voss, NICET

Conceptual design, plans and specifications, bidding, construction administration and resident inspection for **a 3000 gpm sewage pump station and 9000 LF of 16" force main.**



**Wet Well and Manhole for S-21 Pump Station under Construction**



**Cofferdam for Sewage Pump Station Under Construction**

**Completion Date (Actual or Estimated):**

**Estimated Cost:**

**Entire Project:**

**Work for which Firm was Responsible:**

2015

\$2 million

100%

**PROJECT NO. 9**

**Project Name, Location and Owner's contact information:**

**Nature of Firm's Responsibility:**

**Major Force Mains and Pump Stations to Serve the East Bank of Jefferson Parish, LA**

**Owner:**  
 Jefferson Parish  
 1221 Elmwood Park Blvd.  
 Jefferson, LA 70123

**Contact:**  
 Mark Drewes, PE  
 Director of Public Works  
 (504) 736-6783

**N-Y Personnel:**  
 F. Nicoladis, PE  
 N. Logan, PE  
 D. Voss, NICET

Design, bidding, construction administration and resident inspection of **four (4) major sewage pump stations ranging in size from 4,600 GPM to 69,400 GPM and 57,500 linear feet of force mains ranging in size from 42" to 78" in diameter.**

**This project also included:**

- A 100 MGD East Bank Treatment Plant Effluent Pump Station and 78" diameter force main with dual, 60" diameter pipes discharging into the Mississippi River
- The West Napoleon Avenue Sewage Pump Station and 72" diameter force main to the East Bank Regional Sewage Treatment Plant.



**Dual 60" Outfalls over Mississippi River Levee**



**South View of Pipe and Bedding at Levee**



**72" Force Mains at Transcontinental Drive**

<b>Completion Date (Actual or Estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
<b>1987</b>	<b>\$ 60 million</b>	<b>100%</b>

**PROJECT NO. 10**

**Project Name, Location and Owner's contact information:**

**Nature of Firm's Responsibility:**

**Bridge City Wastewater Interceptors (Pump Stations and Force Mains) and Treatment System; Jefferson Parish, LA**

**Owner:**  
 Jefferson Parish  
 1221 Elmwood Park Blvd.  
 Jefferson, LA 70123

**Contact:**  
 Mark Drewes, PE  
 Director of Public Works  
 (504) 736-6783

**N-Y Personnel:**  
 F. Nicoladis, PE  
 N. Logan, PE  
 D. Voss, NICET

- A. Design, bidding, construction administration and resident inspection of **seven (7) major sewage pump stations ranging in size from 1,350 GPM to 5,000 GPM and 58,400 LF of force mains ranging in size from 12" to 36" in diameter.**
- B. Design, bidding, construction administration and resident inspection for **expanding the existing Bridge City Wastewater Treatment Plant to treat an additional average design flow of 6.0 million gallons per day (MGD), bringing the plant's total capacity to 7.23 MGD.** The assignment included an 11,000 GPM effluent pump station.



**Bridge City Wastewater Treatment Plant**



**Asphalt Binder Course for Force Mains & Pumping Stations in the Bridge City Area**



**Avondale North Sewage Pumping Station for Force Mains and Pumping Stations in the Bridge City Area**

**Completion Date (Actual or Estimated):**

**Estimated Cost:**

**Entire Project:**

**Work for which Firm was Responsible:**

**1987**

**\$7 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:	
<i>N-Y has no on-going litigation with Jefferson Parish.</i>		
N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.		
<p style="text-align: center;"><b>SECTION N. TABLE OF CONTENTS</b></p> <p><b>I. EXECUTIVE SUMMARY</b></p> <p><b>II. MINIMUM REQUIREMENTS FOR SELECTION</b></p> <p><b>III. EVALUATION CRITERIA</b></p> <p>1. Professional Training and Experience</p> <p>2. Size of Firm</p> <p>3. Capacity for Timely Completion</p> <p>4. Past Performance</p> <p>5. Location of the Principal Office</p> <p>6. Adversarial Legal Proceedings</p> <p>7. Prior Successful Completion of Projects</p> <p><b>IV. QUALITY ASSURANCE PROGRAM</b></p> <p><b>V. THE N-Y ADVANTAGE</b></p>		<ul style="list-style-type: none"> <li>▪ <i>N-Y recently completed the design of a "wetwell overflow bypass system" for a 23,000 GPM Sewage Pumping Station (which was previously designed by N-Y) for Jefferson Parish.</i></li> <li>▪ <i>N-Y has completed sewer lift station rehabilitations for Jefferson Parish; the City of Kenner; the Sewerage and Water Board of New Orleans; the St. Bernard Port, Harbor and Terminal District; St. Bernard Parish, St. John the Baptist Parish and the City of Biloxi.</i></li> </ul>
<p style="text-align: center;"><b>I. EXECUTIVE SUMMARY</b></p> <p>Although N-Y Associates, Inc. is sometimes mistaken for "New York", N-Y is actually a fifty-three (53) year-old family owned, multi-discipline firm founded and headquartered in Jefferson Parish. Offering extensive local experience, N-Y has been providing engineering, architecture, planning and project management services to federal, state, regional, parish and city agencies throughout southern Louisiana since 1969.</p> <p>N-Y's staff includes civil, hydraulic and structural engineers; project managers; architects; urban planners; construction inspectors and technical support personnel, each of whom offers experience providing professional services on sewage projects throughout Jefferson Parish and the metro area.</p> <p>N-Y has worked extensively throughout Jefferson Parish since its inception. Our public agency clients include the Parish, the City of Kenner, the New Orleans Aviation Board, LADOTD, the Jefferson Parish Sheriff's Office, the Jefferson Parish School Board, and the Regional Planning Commission. This longevity has provided N-Y with extensive knowledge of the design criteria, system of approvals, and construction methods unique to infrastructure in this area.</p> <ul style="list-style-type: none"> <li>▪ <i>N-Y has completed the new design and/or rehabilitation of over 60 sewage lift stations and considers this one of our most extensive areas of expertise.</i></li> </ul>		<p style="text-align: center;"><b>II. MINIMUM REQUIREMENTS FOR SELECTION</b></p> <p>1. One Principal who is a registered professional engineer in the State of Louisiana:</p> <ul style="list-style-type: none"> <li>▪ Frank Nicoladis, PE LA PE No. 5924 65 Years of Experience</li> </ul> <p>2. A Professional in Charge of the Project who is a registered Professional Civil Engineer in the State of Louisiana with a minimum of five (5) years' experience:</p> <ul style="list-style-type: none"> <li>▪ Constantine F. Nicoladis, PE LA PE No. 27095 34 Years of Experience</li> </ul> <p>3. One Employee who is a registered Professional Engineer in the State of Louisiana in the applicable disciplines involved:</p> <ul style="list-style-type: none"> <li>▪ Constantine F. Nicoladis, PE LA PE No. 27095 35 Years of Experience</li> <li>▪ James Simmons, PE LA PE No. 19891 44 Years of Experience</li> <li>▪ Fred Mortali, PE LA PE No. 35111 29 Years of Experience</li> <li>▪ Neil Logan, PE LA PE No. 14607 61 Years of Experience</li> <li>▪ W. Tully Rhodes, PE LA PE No. 19885 43 Years of Experience</li> </ul>

## II. EVALUATION CRITERIA

### 1. Professional Training and Experience

#### ➤ Personnel

N-Y's personnel are highly qualified and have the necessary experience to provide the required professional services to support this project. The professional qualifications, integrity, reliability and commitment of our personnel has earned N-Y an excellent reputation among our clients.

Constantine F. Nicoladis, PE, a Vice President and Civil Engineer, will serve as Project Manager. He has 34 years of experience and is in responsible charge of the design and construction engineering of the firm's municipal and Parish wastewater work. Mr. Nicoladis has extensive experience with sewer lift station and force main design, and sewage collection, transmission and treatment projects.

*Mr. Nicoladis has served as Project Manager and Design Engineer of Record for the new design and/or rehabilitation of over 40 lift stations.*

Mr. Nicoladis will be supported by a team of senior engineers and engineering technicians with over thirty (30) years average experience, including Fred Mortali, PE; James E. Simmons, PE; Neil Logan, PE; W. Tully Rhodes, PE; William Haensel, PE; Patricia R. Claverie, EI, MS; and Dennis Voss, NICET. Most of these professionals have been with N-Y over twenty (20) years and have **successfully completed many sewer lift stations, force main design and sewer system rehabilitation projects throughout Southeast Louisiana.**

**Provided in Section K of this TEC Questionnaire are detailed resumes outlining the extensive professional training and experience of N-Y's key personnel.**

#### ➤ Subconsultants

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 has extensive experience working with N-Y in Jefferson Parish.

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

N-Y is considered a leader in the engineering field. Our professional staff members keep abreast of the latest technological advances and are active members in a variety of professional organizations including:

- American Society of Civil Engineers
- Society of American Military Engineers
- Council of Engineering Companies of Louisiana
- Louisiana Engineering Society
- American Council of Engineering Companies
- American Public Works Association
- National Society of Professional Engineers
- American Concrete Institute
- Water Environment Federation
- American Waterworks Association
- American Planning Association
- American Institute of Architects
- Louisiana Architects Association

### 2. 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. Taking into consideration the firm's present and projected workload, the depth of our staff will ensure that your project will progress even with normal loss of staff time due to vacations, sick leave and other absences.

### 3. 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.

### 4. Adversarial Legal Proceedings

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

### 5. Prior Successful Completion of Projects

N-Y has been providing engineering services in Jefferson Parish continuously for over forty-five (45) years and has successfully completed many projects for the Parish.

*N-Y's personnel are experienced in the design and construction of all types of wastewater facilities. We have completed the new design and/or rehabilitation of over 60 sewage lift stations including the following projects in Jefferson Parish:*

- Rehabilitation of the Trickle Filters at the Marrero Wastewater Treatment Plant
- New Sewage Pump Station and Re-routing of Force Mains at Transcontinental and Vineland Streets
- Rehabilitation of Sewerage Mini-Systems (Pumping Stations and Force Mains)

- Major Force Mains and Pump Stations to Serve the East Bank of Jefferson Parish
- Bridge City Wastewater Interceptors (Pumps Stations and Force Mains) and Treatment System

*N-Y has completed sewer lift station rehabilitations for Jefferson Parish; the City of Kenner; Sewerage and Water Board of New Orleans; St. Bernard Port, Harbor and Terminal District; St. Bernard Parish, St. John the Baptist Parish and the City of Biloxi.*

**Detailed information regarding these projects is highlighted in Section L of this TEC Questionnaire.**

## 7. 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 51 years ago.

### ➤ Compliance with Performance Schedules

N-Y has an established performance record of successfully completing design and/or construction phase services, including the coordination of the services of outside consultants, in accordance with schedules which have been approved by our clients. As a testament to its professionalism and successful project execution, N-Y has been repeatedly selected to provide professional services for many of its clients, including:

- Jefferson Parish:** N-Y has been providing engineering services in Jefferson Parish continuously for forty-five (45) years. *Provided after this section are Letters of Recommendation from Mark Drewes, Director of Public Works and Reda Youssef, former Director of Capital Projects attesting to the exceptional services provided by N-Y.*

- Louisiana Department of Transportation and Development:** *N-Y has been providing professional services continuously for LADOTD since 1975* for the following types of projects: *Stage 0:* Feasibility Studies, Line & Grade Studies, Environmental Inventories and Corridor Studies; *Stage 1:* Environmental Assessments; Environmental Impact Statements; and Construction Plans and Specifications for Roadway, Highway and Bridge Projects.

- City of New Orleans, Department of Public Works:** *N-Y has been providing professional engineering services continuously for roadway enhancement and reconstruction projects for NODPW since 1980.* Over the past thirty-five (35) years, N-Y has prepared plans and specifications and provided construction engineering and resident inspection for the reconstruction of over twenty (20) miles of concrete and asphalt urban streets in the City of New Orleans.

- U.S. Army Corps of Engineers, New Orleans District:** N-Y met all its interim and final deadlines on over twenty (20), post-Katrina Task Orders for the U.S. Army Corps of Engineers, New Orleans District. *As a testament to the USACE's confidence in N-Y, N-Y was recently one of only two firms in the New Orleans District that was awarded a new five-year, General Engineering Services Indefinite Delivery contract. Provided after this section is a Past Performance Questionnaire and federal ACASS Ratings received by the USACE, New Orleans District.*

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 School Board
- City of Kenner
- New Orleans Aviation Board
- 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
- Sewerage and Water Board of New Orleans
- Housing Authority of New Orleans
- Orleans Levee District
- Orleans Parish School Board
- 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. John the Baptist Parish Dept. of Public Works

**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
- Southern Division, Naval Facilities Engineering Command
- United States Postal Service
- United States Fish and Wildlife Service
- United States Department of Veterans Affairs
- Federal Emergency Management Agency

**6. Size of Firm**

N-Y's current staff of professional and support personnel are capable of performing the type of 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.

**III. DESIGN 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 a copy of the Scope of Work to become familiar with the job and formulate any questions or concerns that they may have. Next, the team gathers for a thorough review of the supplied Scope of Work. During this review process, the team collaborates to achieve a clear understanding of the Scope of Work in its entirety. This process takes place as an open forum in which members ask questions that they may have for clarification, with each member being able to contribute their own expertise. Questions that are unable to be answered collectively as a team are documented and compiled into a list for discussion with the Client. 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.

**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;
- Designing and constructing projects that meet or exceed the client's expectations in functionality, low-maintenance, quality, and longevity.

- 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.

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

Signature: \_\_\_\_\_  
 Title: Senior Vice President

Print Name: Michael F. Nicoladis  
 Date: 06/30/2022

## N-Y LICENSE

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

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

## 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.

E V S M P N

Comments:

- 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?

E V S M P N

Comments:

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

E  V S M P N

Comments:

- 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).

E V S M P N

Comments:

### CUSTOMER SATISFACTION

- How reasonable and cooperative was the contractor during performance?

E V S M P N

Comments:

- How committed was the contractor to customer satisfaction?

E V S M P N

Comments:

### TIMELINESS OF PERFORMANCE

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

E  V S M P N

Comments:

## 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
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Comments:

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

<b>E</b>	V	S	M	P	N
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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
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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
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**Because of pleasant experience with his past performance in many projects.**

*Thank you for your assistance.*



# JEFFERSON PARISH

Department of Engineering  
Public Works

January 25, 2016

**Michael S. Yenni**  
Parish President

**Mark R. Drewes, P.E.**  
Director

Ladies and Gentlemen:

The Jefferson Parish, Department of Engineering extends its appreciation to N-Y Associates, Inc. for providing superior engineering and program management services to the Parish.

N-Y has provided quality professional services in Jefferson Parish for over 40 years. During my ten years as Director of Engineering, I have had the opportunity to work with N-Y on multiple occasions and have found N-Y's professionalism, competence and initiative to be instrumental to successful project execution and completion. Provided below are some examples of N-Y street and roadway projects completed for Jefferson Parish.

- Improvements to Destrehan Avenue, Phases I and II
- Improvements to Veterans Memorial Boulevard (David Drive to Roosevelt Boulevard)
- Improvements to West Esplanade Avenue (Bonnabel Boulevard to Lake Avenue)
- Improvements to West Napoleon Avenue (Cleary Avenue to Houma Boulevard)
- Program Management for Eastbank FEMA Submerged Roads Program

I have also worked with N-Y on LADOTD and RPC projects in Jefferson Parish that provide regional benefits for the Greater New Orleans Metropolitan Area, for which N-Y was the consultant. These projects include:

- Environmental Assessment for the Causeway/Earhart Interchange, Route LA 3139
- East-West Corridor Multi-Modal Environmental Impact Statement
- Environmental Assessment for New Bridge Crossings over the Lower Harvey Canal

It has been a pleasure working with N-Y and its expert design team. Through my experience with N-Y, it is with confidence that I would recommend them for projects of similar requirements in the future.

Sincerely,

Mark R. Drewes, P.E.

Director

Department of Engineering



# JEFFERSON PARISH

Department of Capital Projects  
Public Works

Michael S. Yenni  
Parish President

Reda M. Youssef, P.E.  
Director

January 20, 2016

Ladies and Gentlemen:

The Jefferson Parish Department of Capital Projects would like to commend N-Y Associates, Inc. on an exceptional job providing Program Management Services for the Parish.

For the past 5 years, N-Y has provided Program Management for the design and construction of the FEMA Submerged Roads Program for the Eastbank of Jefferson Parish. N-Y has been responsible for overall program implementation including the oversight of four (4) design engineers and approximately twenty (20) construction packages. I have been very pleased with the quality of service and professionalism of N-Y and its staff. The program will be completed on time and within the \$100 plus million budget. The commitment of N-Y's leadership and Program Management team has been integral to the success of this program.

N-Y Associates, Inc. is knowledgeable and capable, and I would highly recommend them to anyone needing expert design, engineering or program management services.

Sincerely,



Reda Youssef, P.E.  
Director, Capital Projects

**USACE, NEW ORLEANS DISTRICT  
ACASS RATINGS**

**Levee Periodic Inspection for Mississippi River West Bank – Below Morganza Levee System in Pointe Coupee, West Baton Rouge, Iberville, New Iberia, Ascension and St. Martin Parishes, LA (2020)**

**Official Comments:** *“The contractor provided an excellent work product. The contractor conducted a thorough inspection of the levee system and delivered high quality report in accordance with levee safety guidelines. The contractor completed all tasks ahead of schedule or within the time allotted. The contractor was able to manage their own work and required very little guidance.”* **RATING: EXCEPTIONAL**

**Levee Periodic Inspection for Non-Federal Levee Systems in Terrebonne Parish, LA (2019)**

**Official Comments:** *“All work has been completed on schedule, at no additional cost and without any issues or problems.” “Given what I know today about the contractor’s ability to perform in accordance with this contract or order’s most significant requirements, I would recommend them for similar requirements in the future.”* **RATING: EXCEPTIONAL**

**Levee Periodic Inspection for Caernarvon to Phoenix Polder Levee System in Plaquemines Parish, LA (2018)**

**Official Comments:** *“The contractor delivered excellent work product that is a valuable asset to the MVN Levee Safety Program.” “Completed all tasks ahead of schedule or within the time allotted; Completed all tasks within awarded budget without the need to renegotiate.” “Given what I know today about the contractor’s ability to perform in accordance with this contract or order’s most significant requirements, I would recommend them for similar requirements in the future.”* **RATING: EXCEPTIONAL**

**Levee Periodic Inspection for Angola Ring Levee and Simmesport Ring Levee in West Feliciana Parish, LA (2018)**

**Official Comments:** *“The contractor delivered excellent work product that is a valuable asset to the MVN Levee Safety Program.” “Completed all tasks ahead of schedule or within the time allotted; Completed all tasks within awarded budget without the need to renegotiate.” “Given what I know today about the contractor’s ability to perform in accordance with this contract or order’s most significant requirements, I would recommend them for similar requirements in the future.”* **RATING: VERY GOOD**

**Project Management Support for Flood Risk Management Risk Consequence Data in the MVN Area of Responsibility (2018)**

**Official Comments:** *“The contractor maintained and managed the project very well, no issues.” “The contractor met the standards of the contract, performed tasks according to their schedule and did not run over the budget.” “Given what I know today about the contractor’s ability to perform in accordance with this contract or order’s most significant requirements, I would recommend them for similar requirements in the future.”* **RATING: VERY GOOD**

**100% Final Design for Manchac Levee Enlargement in East Baton Rouge and Iberville Parishes, LA (2013)**

**Official Comments:** *“The A/E was easy to work with and the products were delivered on time.” “N-Y Associates did an excellent job in preparing the P&S.”* **RATING: EXCEPTIONAL**

**Engineering during Construction for Manchac Levee Enlargement in East Baton Rouge and Iberville Parishes, LA (2015)**

**Official Comments:** *“Excellent quality of work.” “Excellent and timely management.” “Excellent work product and cost control.” “Given what I know today about the contractor’s ability to perform in accordance with this contract or order’s most significant requirements, I would recommend them for similar requirements in the future.”* **RATING: EXCEPTIONAL**

# 3. IMC CONSULTING ENGINEERS, INC.

Subconsultant: Electrical and Controls Engineering

- TEC Professional Services Questionnaire

**IMC**

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**CONSULTING ENGINEERS**

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INC.

## TEC Professional Services Questionnaire

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

**B. Firm Name & Address:**

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

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

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

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

\*All of our Engineers are Specification Writers.

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

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

## TEC Professional Services Questionnaire

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

1.

2.

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

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

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

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

**TEC Professional Services Questionnaire**

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

**PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

**Project Assignment:**

**Name of Firm with which associated:**

**Years' experience with this Firm:**

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

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

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

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

**Elizabeth and Utica Sewer Lift Station, Jefferson Parish**

Designed and specified electrical power and SCADA systems for a new Sewer Lift Station with (2) submersible electric pumps for Jefferson Parish. Design included provisions for the connection of a portable generator, a pneumatic, "bubbler type" level monitoring and control system, and SCADA communications equipment per the parish's standard design guidelines.

**Causeway and West Esplanade Sewer Lift Station, Jefferson Parish**

Designed and specified electrical power and SCADA systems for a new Sewer Lift Station with (2) submersible electric pumps for Jefferson Parish. Design included provisions for the connection of a portable generator, a reactive air bell level monitoring and control system, and SCADA communications equipment per the parish's standard design guidelines.

**Kenner Wastewater Treatment Plant No. 3 – Generator Banking**

Designed, specified, and administered construction for power and control systems associated with the construction of facilities and systems necessary for paralleling three existing and two new generator sets to establish a 3.4 mega-watt (able to be increased to 4 mega-watt) standby power plant for the entire Sewer Treatment Plant. Design features included paralleling switchgear and associated generator controls, retrofit of existing generators, transfer switches, and control equipment, integration with existing PLC controls, and fuel controls. IMC acted as the Prime Consultant for this project.

**Howell Village Sewer Lift Station, East Baton Rouge Parish**

Designed and specified power and controls associated with a sewer lift station for a new retirement housing community in East Baton Rouge. Design included two submersible electric pumps and associated TESCO controls. Design included provisions for the connection of a portable generator and a reactive air bell type level monitoring and control system. Design was performed in accordance with East Baton Rouge Parish design guidelines and details.

**Veterans Boulevard Pumps, Jefferson Parish**

Designed and specified electrical power, control, and SCADA systems for drainage booster pumping stations (three total stations – two at Veterans and one at West Esplanade) to be located near the 17th St. Canal at Veterans Blvd. and West Esplanade Ave. Each station consists of (2) drainage pumps ranging from 125 HP to 250 HP each. Design includes primary and full standby power systems for each station, PLC pump controls, instrumentation, and SCADA system.

Paul Vlosich, P.E.  
Principal and Director of Municipal Projects / Electrical Engineering

**Lakefront Shelter No. 3**

Project consisted of designing power and lighting associated with a new public shelter at the New Orleans Lakefront. Design focused on vandal- and flood-resistant designs, including vandal-resistant light fixtures and elevated distribution equipment. Project also included design of all power and controls associated with a Duplex Sewer Lift Station.



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/11/2022 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Paul Schurb Vlosich  
2120 Colombo Drive  
Harvey, Louisiana 700583045

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
	<b>Mr. Paul Schurb Vlosich</b> License/Certificate Type - Number      Expiration Date <b>PE.0031006</b> <b>03/31/2024</b> Status: <b>Active</b>
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

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**TEC Professional Services Questionnaire**

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

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

**Mini-System Improvements Sewerage System, Jefferson Parish**

Electrical design of 30-40 sewerage lift and booster stations for Jefferson Parish. Types of stations included duplex and triplex, submersible, wet/dry well and above ground facilities.

**Cousins Booster Pumping Station, Jefferson Parish**

Electrical design of sewerage forced main triplex station (3-125 h.p.) and support systems including secondary selective service switching scheme. Required dual utility service with transfer facilities, motor controls, lighting, and miscellaneous power.

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

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

**LADOTD - Renovation of Highway 190 Pumping Station, West Baton Rouge Parish**

Richard handled all electrical design for total renovation of this pumping facility including motors, controls, electrical service, lighting, and power distribution.

**LADOTD - Renovation of the Mechanical & Electrical System Associated with the Houma Tunnel, Terrebonne Parish**

Under this work statement, IMC prepared construction documents to replace all pumping (10 drainage pumps/motors) and electrical gear including all controls, wiring, etc. within the facility. Responsible for all electrical design for total renovation of these pumping facilities (three stations) associated with the existing tunnel. System including service entrance switchgear, motors, controls, lighting, and power distribution.

**New Orleans Sewer & Water Board – D.P. # 6 Add two 3750 KW Generators, Orleans Parish**

Electrical design of the installation of new two new 3750 KW generators for this major S & W B Drainage Pumping Station. The design included tying the new generators into the existing electrical system at Pumping Station #6. It also includes providing a new control and monitor in the existing control station to monitor the status of the new generators. These generators provide emergency power to large vertical pumps that pump water from the 17th Street canal.



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/11/2022 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

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

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**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. Richard Earl Nichols**

License/Certificate Type - Number	Expiration Date
<b>PE.0025896</b>	<b>09/30/2022</b>
<b>Status: Active</b>	

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

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

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**TEC Professional Services Questionnaire**

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

**PROJECT NO. 1**

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

**PROJECT NO. 2**

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

**TEC Professional Services Questionnaire**

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

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

**TEC Professional Services Questionnaire**

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

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

**TEC Professional Services Questionnaire**

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

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

**TEC Professional Services Questionnaire**

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

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

## TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
<b>1. IMC has no prior or ongoing litigation with Jefferson Parish.</b>		
<b>2.</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.**

IMC Consulting Engineers, Inc. has enjoyed the opportunity to provide professional services for projects within Jefferson Parish since being established in 1988. IMC has provided extensive electrical and mechanical work for Jefferson Parish working both as prime and sub-consultant, including electrical designs for sewer lift stations within the Parish.

As we hope our response demonstrates, IMC has experience in the electrical design of sewer lift stations and mechanical/electrical systems at wastewater treatment plants. We are familiar with the associated code requirements, and we are sensitive to the phasing requirements that help mitigate impact to the Parish residents.

Some examples of IMC's experience in the design of Sewer and Wastewater mechanical and electrical systems include the Elizabeth and Utica Sewer Lift Station project, the Howell Village Sewer Lift Station project (Baton Rouge), the Causeway and West Esplanade Sewer Lift Station project (never constructed), the Kenner WWTP no. 3 Generator Banking project, the New Orleans East Bank Wastewater Treatment Plant Generator project, and the Marrero WWTP Administration Building.

**1. PROFESSIONAL TRAINING AND EXPERIENCE**

IMC Consulting Engineer's licensed Electrical staff includes Richard Nichols, P.E. (Principal, 30+ years of experience), Paul Vlosich, P.E. (Principal, 25+ years of experience), and Eric Schlosser, P.E. (10+ years of experience). IMC also employs two Electrical Designers: Daniel Walker (30+ years of experience), and Garrett Fried (5+ years of experience).

All of IMC Engineers and Designers provide field observation & inspection of projects under construction on a regular basis. Our Engineers and Designers are required to obtain a minimum of 15 hours of professional development training each year, 8 of which must be associated with life safety training (NFPA 101, IBC, NFPA 72, NFPA 110, etc.), and at least 1 hour in professional ethics.

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

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

**2. CAPACITY FOR TIMELY COMPLETION OF NEWLY ASSIGNED WORK**

Based upon our experience with past contracts with Jefferson Parish, we project that this contract would constitute less than 5% of our revenue in a given fiscal year. As such, we believe that IMC's adept and tenured staff of 18 can easily support the design effort required for the awarded work. Our experience with Jefferson Parish has proven that IMC has the capacity for timely completion of projects; we know of no instance where IMC was not able to deliver a project on time to Jefferson Parish.

**3. LOCATION OF PRINCIPAL OFFICE**

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

**4. ADVERSARIAL LEGAL PROCEEDINGS WITH JEFFERSON PARISH**

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

**5. PRIOR SUCCESSFUL COMPLETION OF PROJECTS OF THE TYPE & NATURE OF SERVICES**

As we hope this questionnaire illustrates, IMC has successfully completed numerous projects in the 30+ years that we have been in business. For Jefferson Parish specifically, whether as a Prime consultant or as a sub-consultant to an Architect, IMC has designed Mechanical and Electrical systems for Sewer Lift Stations, Drainage Pumping Stations, and Sewer Treatment Plants, to name a few. IMC is typically a sub-consultant to a Civil Engineering firm for these projects and believes that the repeat business we receive from those clients is the best indication of our performance, especially our success in completing the design of those projects.

We have enjoyed our relationship with Jefferson Parish over the past 30 years and sincerely believe that we have earned a good reputation with the Parish for delivering quality designs. We hope to continue to have the opportunity to work with Jefferson Parish in the upcoming years.

**6. SIZE OF FIRM**

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

**TEC Professional Services Questionnaire**

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

**7. PAST PERFORMANCE BY FIRM ON PARISH CONTRACTS**

IMC has provided engineering services for many Jefferson Parish projects. All projects have been successfully completed, and we encourage review of our performance with Jefferson Parish personnel, Mr. Ryan Babcock (General Services) and Mr. Mark Drewes (Director of Public Works). Currently, IMC holds a miscellaneous mechanical and electrical engineering service contract with Jefferson Parish.

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



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

Signature: Paul S. Vlosich Print Name: Paul Vlosich, P.E.

Title: Principal and Director of Municipal Projects Date: 6/23/2022

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

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

**License/Certificate Information w/ Supervision**

<b>License</b>	<b>Status</b>	<b>First Issuance Date</b>	<b>Expiration Date</b>	<b>Supervisor(s)</b>
EF.0001470	Active	11/17/1988	03/31/2023	Mr. Eugene Fallis Higbee III # PE.0026162 - Active; Mr. Richard Earl Nichols # PE.0025896 - Active

# 4. BFM CORPORATION, LLC

## Subconsultant: Topographic Surveying

- TEC Professional Services Questionnaire



## TEC Professional Services Questionnaire

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

### **Rehabilitation to the Neyrey & Veterans (F7-13) and Market & Sauve (D4-7) Lift Stations**

SOQ **22-028** | Resolution No. **139102**

**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 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

**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.**

1. **N/A**

2.

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

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

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

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

24 (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:**

40 years (Founding Principal of BFM in 1982); 55 years total (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 better than half a century of experience in the field of surveying 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, and related endeavors.

## TEC Professional Services Questionnaire

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

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

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:

- Sewer Lift Station D4-5 (S. Laurel Street & Mistletoe Street), Metairie, Jefferson Parish, LA
- 2700 Destrehan Sewer Lift Station Servitude Survey, Harvey, Jefferson Parish, LA
- Sewer Lift Station Sites (G8-1, G8-3, & H8-4B) & Sewer Force Main Construction, Jefferson Parish, LA
- Sewer Lift Station L-11-1, Saddler Road at West Bank Expressway, Marrero, Jefferson Parish, LA
- Sewer Lift Station F8-3, W. Esplanade Avenue at Houma Boulevard, Metairie, Jefferson Parish, LA
- Sewer Lift Station (Coventry Court & Jefferson Highway), River Ridge, Jefferson Parish, LA
- Sewer Lift Station K-11-1, Marrero, Jefferson Parish, LA
- Lift Station F8-3, Metairie, Jefferson Parish, LA
- Destrehan Lift Station Upgrades, Jefferson Parish, LA
- Destrehan Lift Station Upgrades, Harvey, Jefferson Parish, LA
- Sewer Lift Station L-13-6, Ehret Road, Marrero, Jefferson Parish, LA
- Sewer Lift Station Upgrades (5th Avenue and 9th Street), Harvey, Jefferson Parish, LA
- Lift Station E3-2 (Elmwood & Citrus), Metairie, Jefferson Parish, LA
- Saddler Street Sewer Lift Station, Marrero, Jefferson Parish, LA
- Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, LA
- Lift Station K-11-3, Marrero, Jefferson Parish, LA
- Lift Station F7-12 (Grace King and Rockford), Metairie, Jefferson Parish, LA
- Lift Station F7-13B (SCIP Project No. D55102), Jefferson Parish, LA
- Lift Station E5-4, Jefferson Parish, LA
- Lift Station F1-1, Elmwood Industrial Park Subdivision, Jefferson Parish, LA
- Lift Station Generator Installation (L-11-2, WB Expressway & Eiseman), Marrero, Jefferson Parish, LA
- Lift Station G4-2B Sewer Lift Station Rehabilitation (Scott St at Causeway Blvd), Jefferson Parish, LA
- Lift Station C4-1A (N. Sibley and Boone), Metairie, Jefferson Parish, LA
- Lift Station F1-1, Elmwood Industrial Park Subdivision, Jefferson Parish, LA
- Kennedy Heights Sewer Lift Station C9-2 (Live Oak Boulevard), Westwego, Jefferson Parish, LA
- N-12-1 (41st & Gardere Canal) Lift Station, Jefferson Parish, LA
- Cleary Avenue & West Napoleon Lift Station & Force Main, Jefferson Parish, LA
- Rehabilitation of D8-3 Lift Station (Purdue Drive & 37th Street), Metairie, Jefferson Parish, LA
- N-12-1 (41st & Gardere Canal) Lift Station, Jefferson Parish, LA
- Route Topographic (including Lift Station/Force Main) Surveying Services, Jefferson Parish, LA
- Lift Station D4-2 and Proposed D4-2B Surveying Services, Metairie, Jefferson Parish, LA
- Lakeside Mall Lift Station Servitude, Jefferson Parish, LA
- Elizabeth & Utica Sewerage Lift Station, Jefferson Parish, LA
- Emergency Generators for Sewer Lift Stations and Pump Stations, 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:**

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

**Years experience with this Firm:**

5 years (became partial owner of BFM in 2017); 29 years total (1993)

**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:**

Mr. Poché 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 more than 20 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 expert witness testimony. Mr. Poché has logged soil borings; overseen the installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); performed CMT field testing and inspection; and performed laboratory testing.

BFM Corporation projects overseen by Mr. Poché would include:

## TEC Professional Services Questionnaire

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

*Chad M. Poché, P.E. (continued)*

**Sewer Lift Station D4-5 (S. Laurel Street & Mistletoe Street), Metairie, Jefferson Parish, LA.** BFM Corporation was selected by the Jefferson Parish Sewerage Department to provide comprehensive topographic & right-of-way surveying services for the Sewer Lift Station D4-5 upgrade project located at S. Laurel Street & Mistletoe Street in Metairie, LA. With this upgrade project, the equipment must be confirmed to be elevated above the 100 year flood elevation. Project plans included relocation of the existing control panel. Other utilities in the area were identified so that there would be no conflicts. BFM provided all surveying services requested (defining/locating elevations, right of ways, servitudes, utilities, etc.) to ensure the successful completion of the project. (\$5,930 (fee); 2022)

**Three Sewer Lift Station Sites (G8-1, G8-3, & H8-4B) & Sewer Force Main Construction Survey, Jefferson Parish, LA.** BFM Corporation provided Topographic & Route Topographic Surveying services (along a proposed force main route) for three lift station sites in Jefferson Parish. The lift stations included LS G8-1, G8-3, and H8-4B. The Scope of Services for the project involved establishing a baseline, Temporary Benchmarks (TBM), and spot elevations. Existing improvements (natural and man-made) were located, as were visible above-ground & underground utilities. The survey also located property corners to assist in verifying the apparent rights-of-way, per project scope. (\$28,950 (fee); 2021)

**2700 Destrehan Sewer Lift Station Servitude Survey, Harvey, Jefferson Parish, LA.** BFM prepared a Servitude Survey for the 2700 Destrehan Sewer Lift Station; the survey built upon and served to revise BFM's previous work on the project site in 2019 which involved a full boundary survey update. The scope of services involved establishing both a temporary construction servitude (105 ft. x 70 ft.) and a permanent servitude (45 ft. x 40 ft.). (\$4,200 (fee); 2022)

**Sewer Lift Station (Coventry Court & Jefferson Highway), River Ridge, Jefferson Parish, LA.** BFM Corporation provided boundary and topographic surveying services for the Sewer Lift Station (Coventry Court & Jefferson Highway) project site in River Ridge, LA. Included in the project were establishing a Construction Benchmark (CBM), Temporary Benchmark (TBM), and location of improvements, utilities, and property corners, as well as taking spot elevations. A Finished Floor Elevation (FFE) was also obtained for the lift station compound and the existing electrical slab. (\$5,910 (fee); 2020)

**Sewer Lift Station K-11-1, Marrero, Jefferson Parish, LA.** BFM Corporation provided boundary and topographic surveying services for the K-11-1 Sewer Lift Station project, located north of U.S. Highway 90, approximately 50 ft. west of Francis Street in Marrero, LA. Scope of services included establishing a baseline, two Temporary Benchmarks (TBMs), locating existing improvements (man-made and natural), utilities (above & below ground level), and determination of pipes in the project area. Spot elevations were also taken. (\$7,090 (fee); 2020)

**Sewer Lift Station F8-3, W. Esplanade Avenue at Houma Boulevard, Metairie, Jefferson Parish, LA.** BFM's services involved a boundary survey with servitude acquisition (updating boundary and creating servitude, which was provided by the client and utilized to create the final survey). The project was located on the East Bank of Jefferson Parish in the Dreyfous Tract region. BFM located property corners on the subject property and adjacent parcels to verify the boundary, setting any property corners on the subject property which were not found. (\$2,970 (fee); 2021)

## 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:**

14 years (joined BFM in 2008); 15 years total (2007)

**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:**

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

**Lift Station D4-2 and Proposed D4-2B Surveying Services, Metairie, Jefferson Parish, LA.** BFM provided boundary and topographic surveying services for the existing Lift Station, D4-2, and the proposed Lift Station, D4-2B, to be located at the corner of Olga Avenue and Howard Avenue in Metairie. BFM also provided Right-of-Way to Right-of-Way of associated streets and sites of the existing and proposed lift stations. (\$22,860 (fee); 2016)

**Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey of the project site in Harahan, which included portions of Wilson Street and Grove Avenue. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$24,190 (fee); 2018)

**Route Topographic (including Lift Station/Force Main) Surveying Services, Jefferson Parish, LA.** BFM provided boundary and topographic surveys for the project, which included a force main survey involving Veterans Boulevard, between the Suburban Canal and North Hullen Street (lift station improvements). Both full and partial route surveys were executed. (\$20,000 (fee); 2016)

## TEC Professional Services Questionnaire

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

*John Philip Thayer (continued)*

**Three Sewer Lift Station Sites (G8-1, G8-3, & H8-4B) & Sewer Force Main Construction Survey, Jefferson Parish, LA.** BFM Corporation provided Topographic & Route Topographic Surveying services (along a proposed force main route) for three lift station sites in Jefferson Parish. The lift stations included LS G8-1, G8-3, and H8-4B. The Scope of Services for the project involved establishing a baseline, Temporary Benchmarks (TBM), and spot elevations. Existing improvements (natural and man-made) were located, as were visible above-ground & underground utilities. The survey also located property corners to assist in verifying the apparent rights-of-way, per project scope. (\$28,950 (fee); 2021)

**Lift Station F8-3, Metairie, Jefferson Parish, LA.** For the project (located at West Esplanade Avenue & Houma Boulevard, in the Dreyfous Tract), BFM executed a topographic survey; scope included two TBMs (Temporary Benchmarks), three point ties, and location of improvements within limits & monuments to establish apparent rights-of-way (R/W). Baseline was set parallel to West Esplanade Avenue. (\$11,890 (fee); 2019)

**Destrehan Lift Station Upgrades, Jefferson Parish, LA.** BFM Corporation executed boundary and topographic surveying services for the 2700 Destrehan Lift Station project in Harvey, LA. The scope of services included a full boundary survey of the project site. BFM provided research via Jefferson Parish Clerk of Court to determine property boundaries and ownership and located boundary monument on the subject lot and adjacent lots to verify the boundary limits. Where property corners did not exist, BFM set them as per project directives. (\$11,710 (fee); 2019)

**Sewer Lift Station L-13-6, Ehret Road, Marrero, Jefferson Parish, LA.** BFM's surveying scope involved topographic and boundary surveying services for the project in Marrero. BFM established a baseline parallel to Ehret Road, with the beginning, end, and points of intersection referenced by three point ties to topographic features in the area. With the limits of survey established (Ehret Road, Weatherly Place, Crestridge Circle, and Broas Drive), BFM plotted the location of improvements. Visible above-ground utilities & below-ground utilities with visible surface evidence were also plotted. (\$8,790 (fee); 2019)

**Sewer Lift Station K-11-1, Marrero, Jefferson Parish, LA.** BFM Corporation provided boundary and topographic surveying services for the K-11-1 Sewer Lift Station project, located north of U.S. Highway 90, approximately 50 ft. west of Francis Street in Marrero, LA. Scope of services included establishing a baseline, two Temporary Benchmarks (TBMs), locating existing improvements (man-made and natural), utilities (above & below ground level), and determination of pipes in the project area. Spot elevations were also taken. (\$7,090 (fee); 2020)

**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)

## 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:**

4 years (joined BFM in 2018); 11 years total

**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:**

Mr. Lambert provides Project Management and Drafting Oversight for the firm. He has also provided Survey Crew Chief Services since joining BFM and offers a well-rounded experience overview for any project. Mr. Lambert has completed Basic OSHA Training and holds license with the Gulf Coast Safety Council (08SSV, ID429523).

**Three Sewer Lift Station Sites (G8-1, G8-3, & H8-4B) & Sewer Force Main Construction Survey, Jefferson Parish, LA.** BFM Corporation provided Topographic & Route Topographic Surveying services (along a proposed force main route) for three lift station sites in Jefferson Parish. The lift stations included LS G8-1, G8-3, and H8-4B. The Scope of Services for the project involved establishing a baseline, Temporary Benchmarks (TBM), and spot elevations. Existing improvements (natural and man-made) were located, as were visible above-ground & underground utilities. The survey also located property corners to assist in verifying the apparent rights-of-way, per project scope. (\$28,950 (fee); 2021)

**Destrehan Lift Station Upgrades, Jefferson Parish, LA.** BFM Corporation executed boundary and topographic surveying services for the 2700 Destrehan Lift Station project in Harvey, LA. The scope of services included a full boundary survey of the project site. BFM provided research via Jefferson Parish Clerk of Court to determine property boundaries and ownership and located boundary monument on the subject lot and adjacent lots to verify the boundary limits. Where property corners did not exist, BFM set them as per project directives. (\$11,710 (fee); 2019)

## TEC Professional Services Questionnaire

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

*Gary J. Lambert, Jr., PLS (continued)*

**Sewer Lift Station L-13-6, Ehret Road, Marrero, Jefferson Parish, LA.** BFM's surveying scope involved topographic and boundary surveying services for the project in Marrero. BFM established a baseline parallel to Ehret Road, with the beginning, end, and points of intersection referenced by three point ties to topographic features in the area. With the limits of survey established (Ehret Road, Weatherly Place, Crestridge Circle, and Broas Drive), BFM plotted the location of improvements. Visible above-ground utilities & below-ground utilities with visible surface evidence were also plotted. (\$8,790 (fee); 2019)

**Sewer Lift Station K-11-1, Marrero, Jefferson Parish, LA.** BFM Corporation provided boundary and topographic surveying services for the K-11-1 Sewer Lift Station project, located north of U.S. Highway 90, approximately 50 ft. west of Francis Street in Marrero, LA. Scope of services included establishing a baseline, two Temporary Benchmarks (TBMs), locating existing improvements (man-made and natural), utilities (above & below ground level), and determination of pipes in the project area. Spot elevations were also taken. (\$7,090 (fee); 2020)

**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)

**Sewer Lift Station D4-5 (S. Laurel Street & Mistletoe Street), Metairie, Jefferson Parish, LA.** BFM Corporation was selected by the Jefferson Parish Sewerage Department to provide comprehensive topographic & right-of-way surveying services for the Sewer Lift Station D4-5 upgrade project located at S. Laurel Street & Mistletoe Street in Metairie, LA. With this upgrade project, the equipment must be confirmed to be elevated above the 100 year flood elevation. Project plans included relocation of the existing control panel. Other utilities in the area were identified so that there would be no conflicts. BFM provided all surveying services requested (defining/locating elevations, right of ways, servitudes, utilities, etc.) to ensure the successful completion of the project. (\$5,930 (fee); 2022)

**Sewer Lift Station (Coventry Court & Jefferson Highway), River Ridge, Jefferson Parish, LA.** BFM Corporation provided boundary and topographic surveying services for the Sewer Lift Station (Coventry Court & Jefferson Highway) project site in River Ridge, LA. Included in the project were establishing a Construction Benchmark (CBM), Temporary Benchmark (TBM), and location of improvements, utilities, and property corners, as well as taking spot elevations. A Finished Floor Elevation (FFE) was also obtained for the lift station compound and the existing electrical slab. (\$5,910 (fee); 2020)

**2700 Destrehan Sewer Lift Station Servitude Survey, Harvey, Jefferson Parish, LA.** BFM prepared a Servitude Survey for the 2700 Destrehan Sewer Lift Station; the survey built upon and served to revise BFM's previous work on the project site in 2019 which involved a full boundary survey update. The scope of services involved establishing both a temporary construction servitude (105 ft. x 70 ft.) and a permanent servitude (45 ft. x 40 ft.). (\$4,200 (fee); 2022)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Christopher Lemley**  
Quality Control Supervisor

**Project Assignment:**

Quality Control Supervisor

**Name of Firm with which associated:**



**Years experience with this Firm:**

8 years (joined BFM in 2014); 16 years total (2006)

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

*High School Diploma*

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

N/A

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

Mr. Lemley serves as BFM's Quality Control Supervisor, overseeing all work and activity by the firm's personnel to be sure all is kept up to our exacting standards. 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.

**Lift Station F8-3, Metairie, Jefferson Parish, LA.** For the project (located at West Esplanade Avenue & Houma Boulevard, in the Dreyfous Tract), BFM executed a topographic survey; scope included two TBMs (Temporary Benchmarks), three point ties, and location of improvements within limits & monuments to establish apparent rights-of-way (R/W). Baseline was set parallel to West Esplanade Avenue. (\$11,890 (fee); 2019)

**Lift Station D4-2 and Proposed D4-2B Surveying Services, Metairie, Jefferson Parish, LA.** BFM provided boundary and topographic surveying services for the existing Lift Station, D4-2, and the proposed Lift Station, D4-2B, to be located at the corner of Olga Avenue and Howard Avenue in Metairie. BFM also provided Right-of-Way to Right-of-Way of associated streets and sites of the existing and proposed lift stations. (\$22,860 (fee); 2016)

**Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey of the project site in Harahan, which included portions of Wilson Street and Grove Avenue. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$24,190 (fee); 2018)

## 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:**

14 years (joined BFM in 2008); 45 years total (1977)

**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:**

Mr. Wright has over 40 years of experience in surveying services, including a multitude of project types (water, wastewater, stormwater, drainage, roadway, etc.) throughout the region.

**Three Sewer Lift Station Sites (G8-1, G8-3, & H8-4B) & Sewer Force Main Construction Survey, Jefferson Parish, LA.** BFM Corporation provided Topographic & Route Topographic Surveying services (along a proposed force main route) for three lift station sites in Jefferson Parish. The lift stations included LS G8-1, G8-3, and H8-4B. The Scope of Services for the project involved establishing a baseline, Temporary Benchmarks (TBM), and spot elevations. Existing improvements (natural and man-made) were located, as were visible above-ground & underground utilities. The survey also located property corners to assist in verifying the apparent rights-of-way, per project scope. (\$28,950 (fee); 2021)

**Destrehan Lift Station Upgrades, Jefferson Parish, LA.** BFM Corporation executed boundary and topographic surveying services for the 2700 Destrehan Lift Station project in Harvey, LA. The scope of services included a full boundary survey of the project site. BFM provided research via Jefferson Parish Clerk of Court to determine property boundaries and ownership and located boundary monument on the subject lot and adjacent lots to verify the boundary limits. Where property corners did not exist, BFM set them as per project directives. (\$11,710 (fee); 2019)

## TEC Professional Services Questionnaire

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

**Name & Title:**

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

**Project Assignment:**

Survey Crew Chief

**Name of Firm with which associated:**

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

**Years experience with this Firm:**

32 years (joined BFM in 1990); 32 years total (1990)

**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:**

Mr. Barrios' surveying experience includes boundary, hydrographic, and topographic. He has worked on location and performed topographic surveys for a number of major projects.

**Three Sewer Lift Station Sites (G8-1, G8-3, & H8-4B) & Sewer Force Main Construction Survey, Jefferson Parish, LA.** BFM Corporation provided Topographic & Route Topographic Surveying services (along a proposed force main route) for three lift station sites in Jefferson Parish. The lift stations included LS G8-1, G8-3, and H8-4B. The Scope of Services for the project involved establishing a baseline, Temporary Benchmarks (TBM), and spot elevations. Existing improvements (natural and man-made) were located, as were visible above-ground & underground utilities. The survey also located property corners to assist in verifying the apparent rights-of-way, per project scope. (\$28,950 (fee); 2021)

**Rehabilitation of D8-3 Lift Station (Purdue Drive & 37th Street), Metairie, Jefferson Parish, LA.** BFM provided topographic surveying services for the project. (\$11,216 (fee); 2016)

**Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey of the project site in Harahan, which included portions of Wilson Street and Grove Avenue. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$24,190 (fee); 2018)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Eric Gladney**  
Survey Crew Chief

**Project Assignment:**

Survey Crew Chief

**Name of Firm with which associated:****Years experience with this Firm:**

8 years (joined BFM in 2014); 21 years total (2001)

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

*High School Diploma*

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

*American Traffic Safety Service Assn. – Traffic Flagger  
Norfolk Southern Roadway Worker Protection Contractor Safety Cert.  
Transportation Work Identification Card (TWIC)*

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

**Sewer Lift Station F8-3, W. Esplanade Avenue at Houma Boulevard, Metairie, Jefferson Parish, LA.** BFM's services involved a boundary survey with servitude acquisition (updating boundary and creating servitude, which was provided by the client and utilized to create the final survey). The project was located on the East Bank of Jefferson Parish in the Dreyfous Tract region. BFM located property corners on the subject property and adjacent parcels to verify the boundary, setting any property corners on the subject property which were not found. (\$2,970 (fee); 2021)

**Route Topographic (including Lift Station/Force Main) Surveying Services, Jefferson Parish, LA.** BFM provided boundary and topographic surveys for the project, which included a force main survey involving Veterans Boulevard, between the Suburban Canal and North Hullen Street (lift station improvements). Both full and partial route surveys were executed. (\$20,000 (fee); 2016)

**N-12-1 (41st & Gardere Canal) Lift Station, Jefferson Parish, LA.** BFM provided boundary and topographic surveying services for the project. (\$7,048 (fee); 2016)

**Lakeside Mall Lift Station Servitude, Jefferson Parish, LA.** BFM prepared a survey of the area needed for the replacement of a lift station on Severn Avenue. (\$2,540 (fee); 2015)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Jeff Patin**  
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:**

3 years (joined BFM in 2019); 23 years total (1999)

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

*High School Diploma*

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

*Transportation Work Identification Card (TWIC)*

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

Mr. Patin has worked as a Survey Crew Chief & Instrumentman for over 20 years for a number of southeastern Louisiana surveying firms on projects throughout the region. His work history includes supervision of field crew personnel, operation of various survey equipment (Topcon GPT, Leica GPS, Total Station, etc.), calculations, information collection, and any & all work required to execute the survey and obtain the information needed. Mr. Patin has worked on projects for various public & private clients, and has performed field work under the direction of the Corps of Engineers.

**Sewer Lift Station K-11-1, Marrero, Jefferson Parish, LA.** BFM Corporation provided boundary and topographic surveying services for the K-11-1 Sewer Lift Station project, located north of U.S. Highway 90, approximately 50 ft. west of Francis Street in Marrero, LA. Scope of services included establishing a baseline, two Temporary Benchmarks (TBMs), locating existing improvements (man-made and natural), utilities (above & below ground level), and determination of pipes in the project area. Spot elevations were also taken. (\$7,090 (fee); 2020)

**Sewer Lift Station (Coventry Court & Jefferson Highway), River Ridge, Jefferson Parish, LA.** BFM Corporation provided boundary and topographic surveying services for the Sewer Lift Station (Coventry Court & Jefferson Highway) project site in River Ridge, LA. Included in the project were establishing a Construction Benchmark (CBM), Temporary Benchmark (TBM), and location of improvements, utilities, and property corners, as well as taking spot elevations. A Finished Floor Elevation (FFE) was also obtained for the lift station compound and the existing electrical slab. (\$5,910 (fee); 2020)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Anthony Watson**  
CADD Technician

**Project Assignment:**

CADD Technician

**Name of Firm with which associated:**

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

**Years experience with this Firm:**

11 years (joined BFM in 2011); 31 years total (1992)

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

*Coursework - CAD, Avatech Solutions, Los Colinas, TX*

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

NA

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

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

**Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey of the project site in Harahan, which included portions of Wilson Street and Grove Avenue. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$24,190 (fee); 2018)

**Lift Station D4-2 and Proposed D4-2B Surveying Services, Metairie, Jefferson Parish, LA.** BFM provided boundary and topographic surveying services for the existing Lift Station, D4-2, and the proposed Lift Station, D4-2B, to be located at the corner of Olga Avenue and Howard Avenue in Metairie. BFM also provided Right-of-Way to Right-of-Way of associated streets and sites of the existing and proposed lift stations. (\$22,860 (fee); 2016)

**Lift Station F8-3, Metairie, Jefferson Parish, LA.** For the project (located at West Esplanade Avenue & Houma Boulevard, in the Dreyfous Tract), BFM executed a topographic survey; scope included two TBMs (Temporary Benchmarks), three point ties, and location of improvements within limits & monuments to establish apparent rights-of-way (R/W). Baseline was set parallel to West Esplanade Avenue. (\$11,890 (fee); 2019)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Shaun Clements**  
CADD Technician

**Project Assignment:**

CADD Technician

**Name of Firm with which associated:**

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

**Years experience with this Firm:**

4 years (joined BFM in 2018); 7 years total (2015)

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

Associates of Applied Sciences, 2015, Computer Drafting and Design (ITT)

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

NA

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

**Sewer Lift Station F8-3, W. Esplanade Avenue at Houma Boulevard, Metairie, Jefferson Parish, LA.** BFM's services involved a boundary survey with servitude acquisition (updating boundary and creating servitude, which was provided by the client and utilized to create the final survey). The project was located on the East Bank of Jefferson Parish in the Dreyfous Tract region. BFM located property corners on the subject property and adjacent parcels to verify the boundary, setting any property corners on the subject property which were not found. (\$2,970 (fee); 2021)

**Sewer Lift Station L-11-1, Saddler Road at West Bank Expressway, Marrero, Jefferson Parish, LA.** BFM provided surveying services for Sewer Lift Station L-11-1 (Saddler Road at Westbank Expressway) on the West Bank of Jefferson Parish in Marrero, a continuation of a previous surveying project. The new contract involved a boundary survey with servitude acquisition, updating the boundary and creating servitude, as provided by the client, which was used to create the final survey. (\$4,140 (fee); 2021)

**Destrehan Lift Station Upgrades, Jefferson Parish, LA.** BFM provided a full boundary survey update of the 2700 Destrehan Lift Station Upgrade project; the scope included establishing two TBMs (Temporary Benchmarks) on or near the project site and location of existing improvements within the designated Limits of Survey. This also included location of visible above-ground utilities and those underground utilities with visible surface evidence. (SCIP Project Number:D3564) (\$5,750 (fee); 2019)

## 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:**

4 years (joined BFM in 2018); 37 years total (1985)

**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:**

Mr. Roberts has experience with civil engineering, offshore engineering, water purification systems, and general architectural and construction design & terminology. He obtained his A.D. in Drafting in 1999, and has taken additional coursework throughout his career.

**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)

**Sewer Lift Station L-13-6, Ehret Road, Marrero, Jefferson Parish, LA.** BFM's surveying scope involved topographic and boundary surveying services for the project in Marrero. BFM established a baseline parallel to Ehret Road, with the beginning, end, and points of intersection referenced by three point ties to topographic features in the area. With the limits of survey established (Ehret Road, Weatherly Place, Crestridge Circle, and Broas Drive), BFM plotted the location of improvements. Visible above-ground utilities & below-ground utilities with visible surface evidence were also plotted. (\$8,790 (fee); 2019)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Dawn Hoffman**  
Researcher/Archivist

**Project Assignment:**

Researcher/Archivist

**Name of Firm with which associated:**

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

**Years experience with this Firm:**

13 years (joined BFM in 2009); 25 years total (1997)

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

A.D., 1999, Computer-Aided Drafting, Southeast College of Technology  
Certificate, 2003, Introduction to ArcGIS, Louisiana State University

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

NA

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

Ms. Hoffman serves as BFM's primary researcher and has more than 25 years of experience in this field. She is extremely knowledgeable with regards with researching in various parishes and cities.

**Kennedy Heights Sewer Lift Station, Jefferson Parish, LA.** BFM provided surveying services for the project. The project's scope of services included boundary and topographic surveying of the project site. Research included obtaining available title data and courthouse research (as needed) to obtain servitudes for utilities or pipelines adjacent to the site. (\$4,520 (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). Scope included establishing a baseline parallel to the street. BFM also provided a FEMA Flood Elevation Certificate when requested by the Project Engineer. (\$6,620 (fee); 2017)

**Destrehan Lift Station Upgrades, Jefferson Parish, LA.** BFM Corporation executed boundary and topographic surveying services for the project. Scope included a full boundary survey of the project site. BFM provided research via Jefferson Parish Clerk of Court to determine property boundaries and ownership and located boundary monument on the subject lot and adjacent lots to verify the boundary limits. Where property corners did not exist, BFM set them as per project directives. (\$11,710 (fee); 2019)

## 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><b>Sewer Lift Station D4-5 (S. Laurel Street &amp; Mistletoe Street),</b> Metairie, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish Sewerage Department</b> 1221 Elmwood Park Blvd Ste 803 Jefferson LA 70123</p> <p><b>Sid Trouard, P.E.,</b> 504-736-6661 strouard@jeffparish.net</p>	<p>BFM provided comprehensive topographic &amp; right-of-way surveying services for the Sewer Lift Station D4-5 upgrade project located at S. Laurel Street &amp; Mistletoe Street in Metairie, LA. With this upgrade project, the equipment must be confirmed to be elevated above the 100 year flood elevation. Project plans included relocation of the existing control panel. Other utilities in the area were identified so that there would be no conflicts. BFM provided all surveying services requested (defining/locating elevations, right of ways, servitudes, utilities, etc.) to ensure the successful completion of the project.</p>	
<b>Completion Date (Actual or estimated):</b>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2022	N/A	\$5,930 (fee)

### PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p><b>Three Sewer Lift Station Sites (G8-1, G8-3, &amp; H8-4B) &amp; Sewer Force Main Construction Survey,</b> Jefferson Parish, Louisiana</p> <p><b>ECM Consultants, Inc.</b> 4409 Utica Street Suite 200 Metairie LA 70006</p> <p><b>Sunina Shrestha,</b> 504-885-4080 mail@ecmconsultants.com</p>	<p>BFM Corporation provided Topographic &amp; Route Topographic Surveying services (along a proposed force main route) for three lift station sites in Jefferson Parish. The lift stations included LS G8-1, G8-3, and H8-4B. The Scope of Services for the project involved establishing a baseline, Temporary Benchmarks (TBM), and spot elevations. Existing improvements (natural and man-made) were located, as were visible above-ground &amp; underground utilities. The survey also located property corners to assist in verifying the apparent rights-of-way, per project scope.</p>	
<b>Completion Date (Actual or estimated):</b>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2021	N/A	\$28,950 (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>2700 Destrehan Sewer Lift Station Servitude Survey</b>, Harvey, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish Sewerage Department</b> 1221 Elmwood Park Blvd Ste 803 Jefferson LA 70123</p> <p><b>Sid Trouard, P.E.</b>, 504-736-6661 strouard@jeffparish.net</p>	<p>BFM prepared a Servitude Survey for the 2700 Destrehan Sewer Lift Station; the survey built upon and served to revise BFM's previous work on the project site in 2019 which involved a full boundary survey update. The scope of services involved establishing both a temporary construction servitude (105 ft. x 70 ft.) and a permanent servitude (45 ft. x 40 ft.).</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
March 2022	N/A	\$4,200 (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>Sewer Lift Station (Coventry Court &amp; Jefferson Highway)</b>, River Ridge, Jefferson Parish, Louisiana</p> <p><b>Professional Engineering &amp; Environmental Consultants (PEEC), Inc.</b> 1065 Muller Parkway, Suite B Westwego LA 70094</p> <p><b>Jeff Meyers</b>, 504-347-1900 jeff@peecinc.com</p>	<p>BFM Corporation provided boundary and topographic surveying services for the Sewer Lift Station (Coventry Court &amp; Jefferson Highway) project site in River Ridge, LA. Included in the project were establishing a Construction Benchmark (CBM), Temporary Benchmark (TBM), and location of improvements, utilities, and property corners, as well as taking spot elevations. A Finished Floor Elevation (FFE) was also obtained for the lift station compound and the existing electrical slab.</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 2020	N/A	\$5,910 (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>Sewer Lift Station K-11-1,</b> Marrero, Jefferson Parish, Louisiana</p> <p><b>Infinity Engineering Consultants, LLC</b> 2626 Canal St Ste 202 New Orleans LA 70119</p> <p><b>Louis L. Jackson, P.E.,</b> 504-304-0548 ljackson@infinityec.com</p>	<p>BFM Corporation provided boundary and topographic surveying services for the K-11-1 Sewer Lift Station project, located north of U.S. Highway 90, approximately 50 ft. west of Francis Street in Marrero, LA. Scope of services included establishing a baseline, two Temporary Benchmarks (TBMs), locating existing improvements (man-made and natural), utilities (above &amp; below ground level), and determination of pipes in the project area. Spot elevations were also taken.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
August 2020	N/A	\$7,090 (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>Sewer Lift Station F8-3,</b> <b>W. Esplanade Ave. at Houma Blvd.,</b> Metairie, Jefferson Parish, Louisiana</p> <p><b>Richard C Lambert, Consulting Engineers</b> 900 W Causeway Approach Mandeville LA 70471</p> <p><b>Franz J. Zemmer, P.E.,</b> 985-727-4440 fzemmer@rclconsultants.com</p>	<p>BFM's services involved a boundary survey with servitude acquisition (updating boundary and creating servitude, which was provided by the client and utilized to create the final survey). The project was located on the East Bank of Jefferson Parish in the Dreyfous Tract region. BFM located property corners on the subject property and adjacent parcels to verify the boundary, setting any property corners on the subject property which were not found.</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 2021	N/A	\$2,970 (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>	
<p><b>Destrehan Lift Station Upgrades,</b> Harvey, Jefferson Parish, Louisiana</p> <p><b>Principal Engineering</b> 1011 N Causeway Blvd Suite 19 Mandeville LA 70471</p> <p><b>Henry DiFranco,</b> 985-624-5001 henry@pi-aec.com</p>	<p>BFM Corporation executed boundary and topographic surveying services for the 2700 Destrehan Lift Station project in Harvey, LA. The scope of services included a full boundary survey of the project site. BFM provided research via Jefferson Parish Clerk of Court to determine property boundaries and ownership and located boundary monument on the subject lot and adjacent lots to verify the boundary limits. Where property corners did not exist, BFM set them as per project directives.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
July 2019	N/A	\$11,710 (fee)

<b>PROJECT NO. 8</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Sewer Lift Station L-13-6, Ehret Road,</b> Marrero, Jefferson Parish, Louisiana</p> <p><b>H. Davis Cole &amp; Associates, Inc.</b> 1340 Poydras Street Suite 1850 New Orleans LA 70112</p> <p><b>David Martin, P.E.,</b> 504-836-2020 dmartin@hdaviscole.com</p>	<p>BFM's surveying scope involved topographic and boundary surveying services for the project in Marrero. BFM established a baseline parallel to Ehret Road, with the beginning, end, and points of intersection referenced by three point ties to topographic features in the area. With the limits of survey established (Ehret Road, Weatherly Place, Crestridge Circle, and Broas Drive), BFM plotted the location of improvements. Visible above-ground utilities &amp; below-ground utilities with visible surface evidence were also plotted.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
February 2019	N/A	\$8,790 (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>	
<p><b>Sewer Lift Station Upgrades (5th Avenue and 9th Street),</b> Harvey, Jefferson Parish, Louisiana</p> <p><b>Professional Engineering &amp; Environmental Consultants (PEEC), Inc.</b> 1065 Muller Parkway, Suite B Westwego LA 70094</p> <p><b>Jeff Meyers, 504-347-1900</b> jeff@peecinc.com</p>	<p>BFM's scope involved a topographic survey of the project site, located at the intersection of 5th Avenue &amp; 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.</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 2019	N/A	\$6,790 (fee)

<b>PROJECT NO. 10</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Saddler Street Sewer Lift Station,</b> Marrero, Jefferson Parish, Louisiana</p> <p><b>Richard C Lambert, Consulting Engineers</b> 900 W Causeway Approach Mandeville LA 70471</p> <p><b>Franz J. Zemmer, P.E., 985-727-4440</b> fzemmer@rclconsultants.com</p>	<p>BFM provided topographic surveying services for the project, located near the West Bank Expressway Access Road. 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. BFM plotted location of improvements within the designated Limits of Survey. Visible above-ground utilities and below-ground utilities with visible surface evidence were also plotted. Cross sections were taken on a 25 foot grid within the limits of survey. Deliverables included hardcopy and AutoCAD DWG format 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>
May 2018	N/A	\$5,715 (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.**

# **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**, has provided services to public & private concerns throughout Louisiana and the Gulf South. The firm provides surveying services covering all facets of engineering, construction, and forensics; topographic, hydrographic, and high definition laser scanning.

**BFM 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 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). Crews are outfitted with Leica TS series robotic total stations, simplifying and expediting projects. Furthermore, BFM has photogrammetry included into our GS18 GPS Receivers that allow our technicians to capture and utilize point cloud data in the field. The tilt functionality built into the GPS receivers allows for shooting without leveling the rod; this greatly increases speed of fieldwork while keeping accuracy and precision intact. BFM's crews are trained to use this equipment to its full potential to maximize efficiency and accuracy 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). At 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 • 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 3 • 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 4 • 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 5 • PRIOR SUCCESSFUL COMPLETION OF PROJECTS

For nearly 40 years, BFM Corporation has completed thousands of projects throughout Jefferson Parish and Southeast Louisiana, both to municipal and various private clients, similar to the project at hand, not to mention other drainage projects in a wide range of sizes, from small lot to Parish-wide endeavors. **Multiple examples of this work are included throughout this form in both the Personnel Résumés section (Item K) and Representative Project Work (Item L).** Further, BFM has worked with virtually every municipality in the region. We enjoy a high repeat-business rate with all our clients. We offer the following specific references for contact:

- **Mark R. Drewes, P.E.**, Director, Jefferson Parish Public Works Department (504-736-6783 | JPPW@jeffparish.net)
- **Neil Schneider, CCM, P.E.**, Director, Capital Projects, Jefferson Parish Public Works Department (504-736-6783 | JPPW@jeffparish.net)

## TEC Professional Services Questionnaire

**N. continued.**

- **Angela DeSoto, P.E.**, Director of Engineering, Jefferson Parish (504-736-6511 | ADeSoto@jeffparish.net)
- **Sid Trouard, P.E.**, Program Manager, Jefferson Parish Sewerage Capital Improvement Program (504-736-6386 | STrouard@jeffparish.net)
- **Tom Schreiner**, Deputy CAO, Public Works & Capital Projects, City of Kenner (504-468-7515 | tschreiner@kenner.la.us)
- **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.

### **CRITERIA 6 • 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.

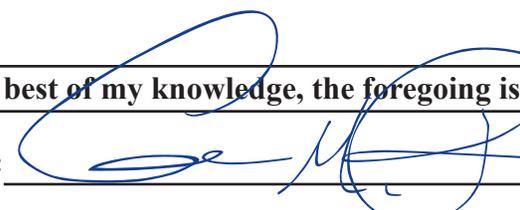
As noted in **item E of this form**, BFM currently has a **full time staff of two dozen people**, including **two Registered Professional Land Surveyors, Survey Field Crew Personnel, and AutoCAD drafting personnel**, as well as **complete administrative and support staff**.

### **CRITERIA 7 • 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.

**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: June 16, 2022

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

**Name:** **Public Address:**  
15 Veterans Memorial Boulevard  
BFM Corporation, LLC  
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      09/30/2022

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. Chad Mitchell Poche**

License/Certificate Type - Number      Expiration Date  
PE.0027667      09/30/2022

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. Gary James Lambert Jr.**

License/Certificate Type - Number      Expiration Date  
PLS.0005259      03/31/2023

Status: **Active**



Division of Small and Emerging Business Development  
SEBD CERTIFICATION

**BFM CORPORATION, LLC**

is hereby certified as a Small and Emerging Business Enterprise.

This certification is valid beginning 7/19/2019 and supersedes any registration or listing previously issued. At any time there is a change in ownership or control of the firm, notification must be made immediately to the Division of Small and Emerging Business Development.

Issued at Baton Rouge, Louisiana 7/19/2019

This certification expires on: 7/19/2029

Certification No. 9551

John W. Matthews, Jr.,  
Executive Director, Entrepreneurial Services



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

**BFM CORPORATION, LLC**

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

This certification is valid from 9/28/2021 to 9/28/2022 .

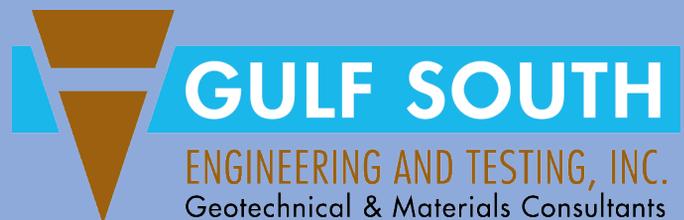
Certification No. 9551

Stephanie Hartman,  
Director, Small Business Services

# 5. GULF SOUTH ENGINEERING AND TESTING, INC.

Subconsultant: Geotechnical Engineering

- TEC Professional Services Questionnaire



## TEC Professional Services Questionnaire

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

**Rehabilitation to the Neyrey & Veterans (F7-13)  
and Market & Sauve (D4-7) Lift Stations**

**SOQ 22-028 | Resolution No. 139102**

**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	-	Estimators	-	Specification Writers
-	Architects (Licensed)	-	Geologists	-	Structural Engineers
-	Chemical Engineers	2	Geotechnical Engineers	1	Graduate Engineers
-	Civil Engineers	-	Interior Designers	-	Project Managers
10	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	Construction Managers
1	Professional Land Surveyors			1	Laboratory Managers

**32\* TOTAL**

*\*employee count also include two CMT Supervisors, 1 Senior Engineering Technician, 1 Field Engineer, 3 Laboratory Technicians, 1 Soil Boring Driller, and one Soil Boring Driller Apprentice*

**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 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.**

1. N/A

2.

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

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

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

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

**32 (all personnel will be available to the project; individuals to be assigned)**

## 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:**



**Years experience with this Firm:**

11 years with this firm (2011); 29 years total (1993)

**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.

Mr. Poché has logged soil borings; overseen the installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); performed CMT field testing and inspection; and performed laboratory testing.

## TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

*Chad M. Poché, P.E. (continued)*

**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)

**Lift Station F-8-3 Replacement, Metairie, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a new lift station to replace the existing Jefferson Parish lift station (LS F-8-3) station off West Esplanade Avenue (between Houma Boulevard and Hudson Street) in Metairie, LA. Gulf South's scope 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. (\$8,500 (fee); 2020)

**Lift Station F-13-6 Replacement, Marrero, Jefferson Parish, LA.** Geotechnical investigation for construction of a new lift station replacing an existing one off Ehret Road and Broas Street in Marrero, LA. Gulf South's scope includes drilling a single 80 ft. undisturbed soil boring, lab testing, and engineering analyses including below grade foundation recommendations, allowable pile load capacities, estimates of settlement, bedding and backfill recommendations, and general construction procedures and recommendations. (\$7,900 (fee); 2019)

**New Sewer Lift Station (Elmwood Park Blvd. & Citrus Blvd.), Metairie, Jefferson Parish, LA.** Geotechnical investigation for construction of a new sewer lift station near the intersection of Elmwood Park Boulevard and Citrus Boulevard in Metairie, LA. Gulf South's scope includes drilling a single undisturbed soil boring (depth of 80 ft), lab testing, and engineering analyses including net allowable soil bearing values (as appropriate), below grade foundation recommendations, allowable pile load capacities (timber), estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$7,500 (fee); 2018)

**New Sewer Lift Station (Butler Drive & Grambling Street), Waggaman, Jefferson Parish, LA.** Geotechnical investigation for a new sewer lift station (8 ft. diameter and 12 ft. bgs) at intersection of Butler Dr. and Grambling St. in Waggaman, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 60 feet, lab testing, and engineering analyses including net allowable soil bearing values, bedding and backfill recommendations, allowable pile load capacities, estimate of settlement, and general construction procedures and recommendations. (\$7,500 (fee); 2018)

**New Sewer Lift Station (Toulouse Avenue & Smith Drive), Metairie, Jefferson Parish, LA.** Geotechnical investigation for a new sewer lift station (8 ft. diameter and 20 ft. bgs) at intersection of Toulouse Ave. and Smith Dr. in Metairie, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 80 feet, lab testing, and engineering analyses including net allowable soil bearing values, bedding and backfill recommendations, allowable pile load capacities, estimate of settlement, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$7,500 (fee); 2018)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Blake E. Vutera, P.E.**  
Engineering Manager

**Project Assignment:**

Geotechnical Engineer

**Name of Firm with which associated:****Years experience with this Firm:**

10 years with this firm (2012); 16 years total (2006)

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

M.S., 2018, Civil Engineering, University of New Orleans  
Certification - Coastal Engineering, 2018, University of New Orleans  
B.S., 2008, Civil Engineering, Louisiana State University

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

2013, Civil Engineer, Louisiana, No. 38607  
2018, Professional Engineer, Texas No. 129410

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

Blake E. Vutera, P.E., serves as Gulf South's Engineering Manager and is based in Gulf South's Kenner, LA office. His experience with the firm includes daily work on geotechnical engineering projects, managing all geotechnical investigations, and aiding with laboratory testing and construction materials testing & inspection. Engineering analyses routinely performed includes shallow and deep foundations, slope stability analyses, settlement estimates, and pavement design. He is responsible for engineering design, report preparation, proposal preparation, personnel management, project management, and client interaction.

Mr. Vutera's field work consists of borehole logging; installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); pavement coring; nuclear field density tests; and hand augers. Mr. Vutera has been the geotechnical engineer of record for hundreds of projects throughout his career.

Lift Station F-8-3 Replacement, Metairie, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new lift station to replace the existing Jefferson Parish lift station (LS F-8-3) station off West Esplanade Avenue (between Houma Boulevard and Hudson Street) in Metairie, LA. Gulf South's scope 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. (\$8,500 (fee); 2020)

## TEC Professional Services Questionnaire

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

*Blake E. Vutera, P.E. (continued)*

**Lift Station F-13-6 Replacement, Marrero, Jefferson Parish, LA.** Geotechnical investigation for construction of a new lift station replacing an existing one off Ehret Road and Broas Street in Marrero, LA. Scope includes drilling a single 80 ft. undisturbed soil boring, lab testing, and engineering analyses including below grade foundation recommendations, allowable pile load capacities, estimates of settlement, bedding and backfill recommendations, and general construction procedures and recommendations. (\$7,900 (fee); 2019)

**New Sewer Lift Station (Elmwood Park Blvd. & Citrus Blvd.), Metairie, Jefferson Parish, LA.** Geotechnical investigation for construction of a new sewer lift station near the intersection of Elmwood Park Boulevard and Citrus Boulevard in Metairie, LA. Gulf South's scope includes drilling a single undisturbed soil boring (depth of 80 ft), lab testing, and engineering analyses including net allowable soil bearing values (as appropriate), below grade foundation recommendations, allowable pile load capacities (timber), estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$7,500 (fee); 2018)

**New Sewer Lift Station (Butler Drive & Grambling Street), Waggaman, Jefferson Parish, LA.** Geotechnical investigation for a new sewer lift station (8 ft. diameter and 12 ft. bgs) at intersection of Butler Dr. and Grambling St. in Waggaman, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 60 feet, lab testing, and engineering analyses including net allowable soil bearing values, bedding and backfill recommendations, allowable pile load capacities, estimate of settlement, and general construction procedures and recommendations. (\$7,500 (fee); 2018)

**New Sewer Lift Station (Toulouse Avenue & Smith Drive), Metairie, Jefferson Parish, LA.** Geotechnical investigation for a new sewer lift station (8 ft. diameter and 20 ft. bgs) at intersection of Toulouse Ave. and Smith Dr. in Metairie, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 80 feet, lab testing, and engineering analyses including net allowable soil bearing values, bedding and backfill recommendations, allowable pile load capacities, estimate of settlement, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$7,500 (fee); 2018)

**New Sewer Lift Station (Melrose Lane & Walker Road), River Ridge, Jefferson Parish, LA.** Geotechnical investigation for the construction of a new lift station near Melrose Lane and Walter Road in River Ridge, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 80 feet, lab testing, and engineering analyses including net allowable soil bearing values, below ground foundation recommendations, allowable pile load capacities, estimates of settlement, and general construction procedures and recommendations. (\$7,500 (fee); 2018)

**Lift Station Replacement – Mississippi Avenue at 21st Street, Metairie, Jefferson Parish, LA.** Geotechnical investigation for a new lift station off Mississippi Ave. at 21st St. in Metairie, LA. Gulf South's scope includes drilling a single soil boring to a depth of 60 feet, lab testing, and geotechnical engineering analyses including allowable soil bearing values, allowable pile load capacities, estimates of settlement, bedding and backfill recommendations, and general construction recommendations. (\$7,500 (fee); 2016)

## 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:**



**Years experience with this Firm:**

11 years with this firm (2011); 16 years total (2006)

**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

**Lift Station F-13-6 Replacement, Marrero, Jefferson Parish, LA.** Geotechnical investigation for construction of a new lift station replacing an existing one off Ehret Road and Broas Street in Marrero, LA. Gulf South's scope includes drilling a single 80 ft. undisturbed soil boring, lab testing, and engineering analyses including below grade foundation recommendations, allowable pile load capacities, estimates of settlement, bedding and backfill recommendations, and general construction procedures and recommendations. (\$7,900 (fee); 2019)

**Improvements to Sewer Lift Station M-11-3 (13th & Farrington) and Force Main, Marrero, Jefferson Parish, LA.** Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, and concrete testing and inspection. (\$15,000 (fee); 2019)

## TEC Professional Services Questionnaire

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

*Joseph H. Binder, III (continued)*

**Improvements to Sewer Lift Station No. 48-3, Metairie, Jefferson Parish, LA.** Gulf South provided field and laboratory testing on a call-out basis during construction of the project (SCIP D55116) located at the intersection of Houma Boulevard and West Esplanade Avenue. Scope included vibration monitoring, concrete sample pick-up and inspection, pile monitoring, and laboratory testing. (\$10,000 (fee); 2021)

**Lift Station F-8-3 Replacement, Metairie, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a new lift station to replace the existing Jefferson Parish lift station (LS F-8-3) station off West Esplanade Avenue (between Houma Boulevard and Hudson Street) in Metairie, LA. Gulf South's scope 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. (\$8,500 (fee); 2020)

**Sewer Lift Station at Mississippi Avenue & 21st Street, Metairie, Jefferson Parish, LA.** Gulf South performed construction materials testing and inspection. Services included soil density tests, earthwork inspection and testing, backfill compaction testing, and concrete testing. (\$8,000 (fee); 2021)

**New Sewer Lift Station (Elmwood Park Blvd. & Citrus Blvd.), Metairie, Jefferson Parish, LA.** Geotechnical investigation for construction of a new sewer lift station near the intersection of Elmwood Park Boulevard and Citrus Boulevard in Metairie, LA. Gulf South's scope includes drilling a single undisturbed soil boring (depth of 80 ft), lab testing, and engineering analyses including net allowable soil bearing values (as appropriate), below grade foundation recommendations, allowable pile load capacities (timber), estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$7,500 (fee); 2018)

**New Sewer Lift Station (Butler Drive & Grambling Street), Waggaman, Jefferson Parish, LA.** Geotechnical investigation for a new sewer lift station (8 ft. diameter and 12 ft. bgs) at intersection of Butler Dr. and Grambling St. in Waggaman, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 60 feet, lab testing, and engineering analyses including net allowable soil bearing values, bedding and backfill recommendations, allowable pile load capacities, estimate of settlement, and general construction procedures and recommendations. (\$7,500 (fee); 2018)

**New Sewer Lift Station (Toulouse Avenue & Smith Drive), Metairie, Jefferson Parish, LA.** Geotechnical investigation for a new sewer lift station (8 ft. diameter & 20 ft. bgs) at intersection of Toulouse Ave. and Smith Dr. in Metairie, LA. Scope included drilling one undisturbed soil boring to a depth of 80 feet, lab testing, and engineering analyses including net allowable soil bearing values, bedding and backfill recommendations, allowable pile load capacities, estimate of settlement, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$7,500 (fee); 2018)

**New Sewer Lift Station (Melrose Lane & Walker Road), River Ridge, Jefferson Parish, LA.** Geotechnical investigation for the construction of a new lift station near Melrose Lane and Walter Road in River Ridge, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 80 feet, lab testing, and engineering analyses including net allowable soil bearing values, below ground foundation recommendations, allowable pile load capacities, estimates of settlement, and general construction procedures and recommendations. (\$7,500 (fee); 2018)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Sara E. Lockwood, E.I.**  
Associate Geotechnical Engineer

**Project Assignment:**

Associate Geotechnical Engineer/Engineering Intern

**Name of Firm with which associated:**



**Years experience with this Firm:**

3 years with this firm (2019); 5 years total (2017)

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

B.S., 2019, Civil Engineering, University of New Orleans  
B.S., 2016, Physics, Loyola University

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

2020, Engineering Intern, Louisiana, No. EI.0034718

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

Sara E. Lockwood, E.I., is serving as an Associate Geotechnical Engineer, providing such duties as project management, geotechnical engineering analyses, and field & laboratory testing & inspection. Her coursework included such disciplines as foundation engineering, soil mechanics, geotechnical engineering, structural concrete & structural steel design, and sustainability principals. She worked as an intern during her college career for a local consulting group, assisting on a variety of environmental studies for infrastructure projects, and preparing regulatory permit applications, as well as preparation of various components of Louisiana DEQ and NEPA documents.

- Society of Women Engineers
- American Society of Civil Engineers

**Lift Station F-8-3 Replacement, Metairie, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a new lift station to replace the existing Jefferson Parish lift station (LS F-8-3) station off West Esplanade Avenue (between Houma Boulevard and Hudson Street) in Metairie, LA. Gulf South's scope 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. (\$8,500 (fee); 2020)

**Sewer Lift Station at Mississippi Avenue & 21st Street, Metairie, Jefferson Parish, LA.** Gulf South performed construction materials testing and inspection. Services included soil density tests, earthwork inspection and testing, backfill compaction testing, and concrete testing. (\$8,000 (fee); 2021)

## TEC Professional Services Questionnaire

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

*Sarah E. Lockwood (continued)*

**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)

**Lift Station Upgrade (24th St. and Delaware Ave.), City of Kenner, LA.** Geotechnical engineering services for construction of a new generator pad and wet well located at 24th Street and Delaware Avenue in Kenner, LA. Gulf South's scope of services includes drilling two borings to a depths of 70 feet (1 boring for wet well) and 50 feet (1 boring for generator pad) below the ground surface, laboratory testing, engineering analyses (soil bearing values, pile capacities, bedding & backfill, and estimates of settlement) and general construction procedures and recommendations. (\$7,500 (fee); ongoing)

**Lee Street Drainage Pump Station Improvements, City of Slidell, LA.** Gulf South prepared a Geotechnical Exploration Report for the project site located at the junction of Lee Street and Front Street in Slidell, LA. Gulf South's scope includes drilling soil borings to 50 ft. in depth, laboratory testing, engineering analyses (soil bearing values, bedding & backfill, pile capacities, and estimates of settlement) and general construction procedures and recommendations. (\$4,000 (fee); 2022)

**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 and general construction procedures and recommendations. (\$35,000 (fee); 2020)

**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)

**Lift Station Rehabilitation (Wildcat Lane), Destrehan, St. Charles Parish, LA.** Geotechnical engineering services for rehabilitation of an existing below grade sewer lift station off Wildcat Lane in Destrehan, LA. Gulf South's scope includes drilling a single boring to a depth of 70 feet below the ground surface, laboratory testing, engineering analyses (soil bearing values, pile capacities, bedding & backfill, and estimates of settlement) and general construction procedures and recommendations. (\$5,800 (fee); ongoing)

## 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:****Years experience with this Firm:**

less than 1 year with this firm (2022); 1 year total (2021)

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

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

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

2022, Engineer In Training (Georgia, No. EIT029180)  
*Louisiana 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 is primarily serving as a field engineer with Gulf South's drilling crews and providing office support as needed. His experience in the field includes surface and subsurface soil sampling, water sampling, and soil classification.

- 40-hour HAZWOPER (Field Work)
- Fundamentals of Engineering Exam (FE), NCEES

Mr. Beard's work experience further includes core logging and oversight of groundwater monitoring well installations, piezometers, and inclinometers. He has been responsible for the preparation of reports and Facility Response Plans. Further, he is a START V Region 4 Responder, and can be used whenever there is a large spill/release of harmful chemical or substance. Mr. Beard is experienced with laboratory sample preparation and testing.

**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)

## TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

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

**Lift Station Upgrade (24th St. and Delaware Ave.), City of Kenner, LA.** Geotechnical engineering services for construction of a new generator pad and wet well located at 24th Street and Delaware Avenue in Kenner, LA. Gulf South's scope of services includes drilling two borings to a depths of 70 feet (1 boring for wet well) and 50 feet (1 boring for generator pad) below the ground surface, laboratory testing, engineering analyses (soil bearing values, pile capacities, bedding & backfill, and estimates of settlement) and general construction procedures and recommendations. (\$7,500 (fee); ongoing)

**Lift Station Rehabilitation (Wildcat Lane), Destrehan, St. Charles Parish, LA.** Geotechnical engineering services for rehabilitation of an existing below grade sewer lift station off Wildcat Lane in Destrehan, LA. Gulf South's scope includes drilling a single boring to a depth of 70 feet below the ground surface, laboratory testing, engineering analyses (soil bearing values, pile capacities, bedding & backfill, and estimates of settlement) and general construction procedures and recommendations. (\$5,800 (fee); ongoing)

**Lee Street Drainage Pump Station Improvements, City of Slidell, LA.** Gulf South prepared a Geotechnical Exploration Report for the project site located at the junction of Lee Street and Front Street in Slidell, LA. Gulf South's scope includes drilling soil borings to 50 ft. in depth, laboratory testing, engineering analyses (soil bearing values, bedding & backfill, pile capacities, and estimates of settlement) and general construction procedures and recommendations. (\$4,000 (fee); 2022)

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

**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, Louisiana. Inspection and testing consisted of soil borings, laboratory testing, asbestos abatement, concrete testing, mortar testing, steel coupon testing, concrete coring, and building envelope testing. The project is valued at \$500 million. (\$200,000 (est. fee); ongoing)

**Barber Road Bank Stabilization, Paradis, St. Charles Parish, LA.** Geotechnical engineering services for portions of the road that have failed or are failing into the ditch along Barber Road in Paradis, LA. Gulf South's scope includes drilling five borings (depth of 40 feet below ground surface), laboratory testing, engineering analyses (slope stability analyses, pavement design) and general construction procedures and recommendations. (\$12,000 (fee); ongoing)

## 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><b>Lift Station F-8-3 Replacement,</b> Metairie, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish</b> <b>c/o Richard C. Lambert Consultants, LLC</b> 900 West Causeway Approach Mandeville LA 70471</p> <p><b>Franz J. Zemmer, 985-727-4449</b> fzemmer@rclconsultants.com</p>	<p>Geotechnical engineering services for the construction of a new lift station to replace the existing Jefferson Parish lift station (LS F-8-3) station off West Esplanade Avenue (between Houma Boulevard and Hudson Street) in Metairie, LA. Gulf South's scope 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.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2020 March	N/A	\$8,500 (fee)

### PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p><b>Ole Miss Sewer Force Main,</b> City of Kenner, Louisiana</p> <p><b>City of Kenner Public Works Department</b> <b>c/o Digital Engineering</b> 527 West Esplanade Avenue Suite 200 Kenner LA 70065</p> <p><b>Frank T. Liang, P.E., 504-468-6129</b> fliang@deii.net</p>	<p>Geotechnical engineering services for the construction of a new sewer force main along Ole Miss Drive from the John Hopkins Lift Station to 35th Street within Kenner, LA. The force main will be 10-inches in diameter, approximately 2,100 linear feet, and installed 10 to 15 feet deep via directional drilling. Gulf South's scope includes drilling four undisturbed soil borings to depths of 20 feet below the ground surface, laboratory testing, engineering analyses (including soil bearing values, bedding &amp; backfill, and settlement) 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>
2021 February	N/A	\$8,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Lift Station F-13-6 Replacement,</b> Marrero, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish</b> <b>c/o H. Davis Cole &amp; Associates, LLC</b> 1340 Poydras St Ste 1850 New Orleans LA 70112-5278</p> <p><b>David M. Martin, P.E., 504-836-2020</b> dmartin@hdaviscole.com</p>	<p>Geotechnical investigation for construction of a new lift station replacing an existing one off Ehret Road and Broas Street in Marrero, LA. Gulf South's scope includes drilling a single 80 ft. undisturbed soil boring, lab testing, and engineering analyses including below grade foundation recommendations, allowable pile load capacities, estimates of settlement, bedding and backfill recommendations, 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>
2019 February	N/A	\$7,900 (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>Lift Station Upgrade</b> <b>(24th Street and Delaware Avenue),</b> City of Kenner, Louisiana</p> <p><b>City of Kenner</b> <b>c/o Shread-Kuyrkendall &amp; Associates, Inc.</b> 104 Campus Drive East Destrehan LA 70047</p> <p><b>Steve P. Breeding, P.E., 985-764-4060</b> sbreeding@skaengr.com</p>	<p>Geotechnical engineering services for construction of a new generator pad and wet well located at 24th Street and Delaware Avenue in Kenner, LA. Gulf South's scope of services includes drilling two borings to a depths of 70 feet (1 boring for wet well) and 50 feet (1 boring for generator pad) below the ground surface, laboratory testing, engineering analyses (soil bearing values, pile capacities, bedding &amp; backfill, and estimates of settlement) 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>
2022 March	N/A	\$7,500 (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 Sewer Lift Station</b> (Elmwood Park Blvd. &amp; Citrus Blvd.), Metairie, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish</b> <b>c/o Pivotal Engineering, LLC</b> 1515 Poydras Street Suite 1875 New Orleans LA 70112</p> <p><b>Yoseph Shifare, E.I., 504-799-3653</b> yshifare@pivotaleng.com</p>	<p>Geotechnical investigation for construction of a new sewer lift station near the intersection of Elmwood Park Boulevard and Citrus Boulevard in Metairie, LA. Gulf South's scope includes drilling a single undisturbed soil boring (depth of 80 ft), lab testing, and engineering analyses including net allowable soil bearing values (as appropriate), below grade foundation recommendations, allowable pile load capacities (timber), estimates of settlement, rigid and/or flexible pavement design recommendations, 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>
2018 September	N/A	\$7,500 (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>New Sewer Lift Station</b> (Butler Drive &amp; Grambling Street), Waggaman, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish</b> <b>c/o Professional Engineering &amp; Environmental Consultants (PEEC), Inc.</b> 1065 Muller Parkway Suite B Westwego LA 70094</p> <p><b>Jeff Meyers, 504-347-1900</b> jeff@peecinc.com</p>	<p>Geotechnical investigation for a new sewer lift station (8 ft. diameter and 12 ft. bgs) at intersection of Butler Dr. and Grambling Street in Waggaman, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 60 feet, lab testing, and engineering analyses including net allowable soil bearing values, bedding and backfill recommendations, allowable pile load capacities, estimate of settlement, 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>
2018 July	N/A	\$7,500 (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>	
<p><b>New Sewer Lift Station (Toulouse Avenue &amp; Smith Drive), Metairie, Jefferson Parish, Louisiana</b></p> <p><b>Jefferson Parish c/o Pivotal Engineering, LLC 1515 Poydras Street Suite 1875 New Orleans LA 70112</b></p> <p><b>Yoseph Shifare, E.I., 504-799-3653 yshifare@pivotaleng.com</b></p>	<p>Geotechnical investigation for a new sewer lift station (8 ft. diameter and 20 ft. bgs) at intersection of Toulouse Ave. and Smith Dr. in Metairie, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 80 feet, lab testing, and engineering analyses including net allowable soil bearing values, bedding and backfill recommendations, allowable pile load capacities, estimate of settlement, rigid and/or flexible pavement design recommendations, 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>
2018 August	N/A	\$7,500 (fee)

<b>PROJECT NO. 8</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Jefferson Parish c/o Bryant Hammett &amp; Associates, LLC 1201 S. Puperia Avenue Unit 301 Gonzales LA 70737</b></p> <p><b>Bruce K. Dyson, P.E., PLS, 225-450-1721 bdyson@bha-engineers.com</b></p>	<p>Geotechnical investigation for the construction of a new lift station near Melrose Lane and Walter Road in River Ridge, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 80 feet, lab testing, and engineering analyses including net allowable soil bearing values, below ground foundation recommendations, allowable pile load capacities, estimates of settlement, 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>
2018 February	N/A	\$7,500 (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>	
<p><b>Lift Station Rehabilitation (Wildcat Lane),</b> Destrehan, St. Charles Parish, Louisiana</p> <p><b>St. Charles Parish Government</b> <b>c/o Stuart Consulting Group, Inc.</b> 1018 Central Ave Ste 200 Metairie LA 70003</p> <p><b>Chris Blazo, 504-888-5733</b> chrisb@stuartconsultinggroup.com</p>	<p>Geotechnical engineering services for rehabilitation of an existing below grade sewer lift station off Wildcat Lane in Destrehan, LA. Gulf South's scope includes drilling a single boring to a depth of 70 feet below the ground surface, laboratory testing, engineering analyses (soil bearing values, pile capacities, bedding &amp; backfill, and estimates of settlement) 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>
2022 June	N/A	\$5,800 (fee)

<b>PROJECT NO. 10</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Sewer Lift Station No. F6-2 (W. Napoleon Blvd.),</b> Metairie, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish</b> <b>c/o ECM Consultants, Inc.</b> 1301 Clearview Parkway Suite 200 Metairie LA 70001</p> <p><b>Susina Shrestha, P.E., 504-885-4080</b> sshrestha@ecmconsultants.com</p>	<p>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 &amp; backfill, pile capacities, and estimates of settlement) 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>
2022 May	N/A	\$5,000 (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.**



GULF SOUTH

ENGINEERING AND TESTING, INC.

Geotechnical & Materials Consultants

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 • 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 3 • LOCATION OF PRINCIPAL OFFICE

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

### CRITERIA 4 • ADVERSARIAL LEGAL PROCEEDINGS WITH PARISH

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

### CRITERIA 5 • 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:

**Mark R. Drewes, P.E.**, Director, Jefferson Parish Public Works Department  
(504-736-6783 | JPPW@jeffparish.net)

# TEC Professional Services Questionnaire

**N. continued.**

**Neil Schneider, CCM, P.E.**, Director, Capital Projects, Jefferson Parish Public Works Department  
(504-736-6783 | JPPW@jeffparish.net)

**Joey Tureau**, Director of Transportation, Ascension Parish  
(225-450-1013 | jtureau@apgov.us)

**Tom Schreiner**, Deputy CAO, Public Works & Capital Projects, City of Kenner  
(504-468-7515 | tschreiner@kenner.la.us)

**Angela DeSoto, P.E.**, Director of Engineering, Jefferson Parish  
(504-736-6511 | ADeSoto@jeffparish.net)

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

## **CRITERIA 6 • SIZE OF FIRM**

At well over two 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 7 • 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:

- *Lift Station Rehabilitation (Wildcat Lane), Destrehan, St. Charles Parish, LA*
- *Lift Station Upgrade (24th St. and Delaware Ave.), City of Kenner, LA*
- *Lift Station No. F6-2 (W. Napoleon Blvd.), Metairie, Jefferson Parish, LA*
- *Improvements to Sewer Lift Station No. 48-3, Metairie, Jefferson Parish, LA*
- *Sewer Lift Station at Mississippi Avenue & 21st Street, Metairie, Jefferson Parish, LA*
- *New Lift Station (Elmwood Park Blvd. & Citrus Blvd.), Metairie, Jefferson Parish, LA*
- *New Sewer Lift Station (Butler Drive & Grambling Street), Waggaman, Jefferson Parish, LA*
- *New Sewer Lift Station (Melrose Lane & Walker Road), River Ridge, Jefferson Parish, LA*
- *New Sewer Force Main Installation (Midway & Wildwood to Lift Station E3-1), Jefferson Parish, LA*
- *Lift Station Replacement - Mississippi Avenue at 21st Street, Metairie, Jefferson Parish, LA*
- *Kawanee at Olympic Lift Station, Metairie, 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*
- *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*
- *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*
- *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*
- *New Charter School, Behrman Highway, Terrytown, Jefferson Parish, LA*

## TEC Professional Services Questionnaire

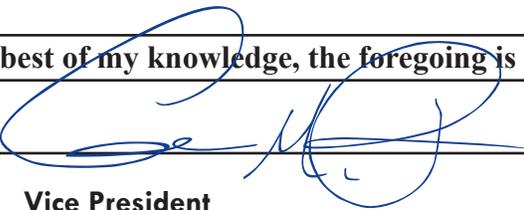
### N. continued.

- Jefferson Parish Library Renovations (2350 Metairie Road), Metairie, Jefferson Parish, LA
- Clancy-Maggiore Elementary School – New Art and Band Wing, Kenner, 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
- Drainage Improvements, Citrus Road & Greg Court, Metairie, Jefferson Parish, LA
- Marsh Island Restoration Project, Lafreniere Park, 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
- 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.

### 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: \_\_\_\_\_

**June 13, 2022**

**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	Expiration Date
<b>PE.0027667</b>	<b>09/30/2022</b>
<b>Status: Active</b>	



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

**Mr. Blake Elliot Vutera**

License/Certificate Type - Number	Expiration Date
<b>PE.0038607</b>	<b>09/30/2022</b>
<b>Status: Active</b>	



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

**Ms. Sara Elinor Lockwood**

License/Certificate Type - Number	Expiration Date
<b>EI.0034718</b>	<b>03/31/2023</b>
<b>Status: Active</b>	



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

**Mr. Ralph P. Fontcuberta Jr.**

License/Certificate Type - Number	Expiration Date
<b>PLS.0004329</b>	<b>09/30/2022</b>
<b>Status: Active</b>	



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 2/25/2022 to 2/25/2023 .

Certification No. 11011

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

Stephanie Hartman,  
Director, Entrepreneurial Services





Regional Transit Authority

July 1, 2021

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

Dear Ms. Poche:

We are pleased to inform you that your firm has been certified as a Small Business Enterprise (SBE).

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 maintain 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,

Adonis C. Expose'  
DBE/SBE Liaison Officer III





# CERTIFICATE OF ACCREDITATION



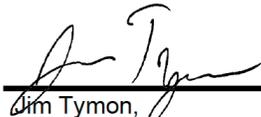
## Gulf South Engineering and Testing, Inc.

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](http://aashtoresource.org)).

  
Jim Tymon,  
AASHTO Executive Director

  
Moe Jamshidi,  
AASHTO COMP Chair

This certificate was generated on 08/17/2021 at 7:12 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](http://aashtoresource.org/aap/accreditation-directory)



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:**

**02 JUN 2020 AT 18:10 HOURS**

**ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 06/02/2022**

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

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

**SOILS**

- Soils - D 698 - Req - Compaction Characteristics by Standard Effort
- Soils - D 1140 - Req - Material Finer than 75  $\mu$ m (No. 200) Sieve
- Soils - D 1557 - Req - Compaction Characteristics by Modified Effort
- Soils - D 2216 - Req - Water Content
- Soils - D 2974 - Req - Moisture, Ash, & Organic Matter of Peat & Other Organic Soils
- Soils - D 4318 - Req - Liquid & Plastic Limits & Plasticity Index
- Soils - D 4643 - Req - Determination of Water Content of Soil by Microwave Oven



**GULF SOUTH**

ENGINEERING AND TESTING, INC.  
Geotechnical & Materials Consultants