

STATEMENT OF QUALIFICATIONS

Miscellaneous Environmental Services

Resolution No. 140859

SOQ 22-54

Presented To:



January 6, 2023

TABLE OF CONTENTS

1. N-Y TEAM INTRODUCTION

- Cover Letter and Project Organization Chart

2. N-Y ASSOCIATES, INC.

Prime Consultant

- TEC Professional Services Questionnaire
- Letters of Recommendation

3. PROFESSIONAL SERVICE INDUSTRIES, INC.

Subconsultant: Environmental Site Assessments, Corrective Action Plans, HAZMAT and Brownfields Redevelopment

- TEC Professional Services Questionnaire

4. GULF SOUTH ENGINEERING AND TESTING, INC.

Subconsultant: Geotechnical Engineering

- TEC Professional Services Questionnaire

5. BFM CORPORATION, LLC

Subconsultant: Topographic and Hydrographic Surveying

- TEC Professional Services Questionnaire

1. N-Y TEAM INTRODUCTION

Cover Letter and Project Organization Chart



Reply to Metairie Office

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

January 6, 2023

ESTABLISHED 1969

Jefferson Parish Purchasing Department
c/o Shanna Folse
200 Derbigny Street
General Government Bld., Suite 4400
Gretna, LA 70054

**Re: Miscellaneous Environmental Services in Jefferson Parish
Resolution No. 140859; SOQ 22-54**

Ladies and Gentlemen:

N-Y Associates, Inc. (N-Y) is pleased to submit our statement of qualifications to provide Miscellaneous Environmental Services in Jefferson Parish. N-Y has assembled a highly qualified full-service team, capable of providing all required services anticipated from this contract.

➤ **Background and Experience:**

Although N-Y is sometimes mistaken for "New York", N-Y is actually a fifty-four (54) year-old family owned, multi-discipline firm founded and headquartered in Jefferson Parish. Offering extensive local experience, N-Y has been providing engineering, architecture, planning and project management services to federal, state, regional, parish and city agencies throughout southern Louisiana since 1969. Our staff includes environmental and transportation planners; civil, hydraulic, environmental and structural engineers; project managers; architects; construction inspectors and technical support personnel, each of whom offers extensive experience providing professional services throughout the Parish.

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.

We have also been working with the Regional Planning Commission (RPC) for over 35 years and the Louisiana Department of Transportation and Development (LADOTD) for over 40 years, providing services for the following types of projects:

- Stage 0: Feasibility Studies, Line & Grade Studies, Environmental Inventories and Corridor Studies
- Stage 1: Environmental Assessments and Environmental Impact Statements
- Land Use and Transportation Master Plans
- Construction Plans and Specifications

N-Y's recent extensive experience working with the Parish, the RPC and LADOTD has provided N-Y's planners and engineers with in-depth knowledge of the planning, programming and environmental processes; design standards and project management requirements typical to this type of project.

➤ **Team:**

Constantine F. Nicoladis, PE, will serve as Project Manager leading all Engineering tasks. A Vice President and Senior Civil & Environmental Engineer, he has thirty-six (36) years and is in responsible charge of the design and construction engineering of the firm's local civil / sitework including Parish roadway, drainage, water and wastewater work. Mr. Nicoladis has extensive experience with subsurface drainage improvements, drainage



canals, box culverts, utilities relocations, water, wastewater and roadway reconstruction in Jefferson and Orleans Parishes, with project construction values from under \$5 million to over \$50 million.

Bruce J. Richards, AICP, PTP, NGICP will serve as Deputy Project Manager leading the Environmental and Planning tasks. Mr. Richards, a Vice President of N-Y and its Director of Planning, has over thirty (30) years' experience including the preparation of Stage 1 Environmental Assessments, Environmental Impact Statements, and Stage 0 Feasibility Studies. Components of these projects have included Environmental Site Assessments (ESAs), Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/ Permits Research in compliance with NEPA. Mr. Richards has been in responsible charge of the preparation of NEPA documents by N-Y since 1999. He has completed both NHI Course No. 142005, "National Environmental Policy Act (NEPA) and Transportation Decision Making" course and the course on Section 106 of the National Preservation Act Offered by the Advisory Council on Historic Preservation in 2002.

Mr. Nicoladis and Mr. Richards will lead a team of senior professionals with over thirty (30) years average experience including James Simmons, PE; Fred Mortali, PE; William Haensel, PE, PLS; W. Tully Rhodes, PE; Patricia Claverie, EI, MS; and Dennis G. Voss, NICET. Many of these professionals have been with N-Y over twenty-five (25) years.

N-Y also has extensive experience managing subconsultants for all required basic and supplemental services. To supplement our in-house staff, we will utilize the following subconsultants, which all have experience working with N-Y and in Jefferson Parish:

- Professional Service Industries, Inc. (PSI) will provide Environmental Site Assessments, Corrective Action Plans, HAZMAT and Brownfields Redevelopment.
- Gulf South Engineering and Testing, Inc. will provide Geotechnical Engineering Services.
- BFM Corporation, LLC will provide Topographic and Hydrographic Surveying Services.

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 adequately and efficiently utilized to provide you with excellent service, that your project's schedule and budget are met, and that the N-Y's Quality Control Plan is properly implemented.

The N-Y Team offers a proven combination of specialized experience, technical competence, capacity, and record of past performance that will provide Jefferson Parish the best possible value for this project. 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



Miscellaneous Environmental Services
Resolution No. 140859
SOQ 22-54

Principals / Project Oversight

N-Y Associates, Inc.

Frank Nicoladis, PE

Michael F. Nicoladis, EI, MBA

Project Management

N-Y Associates, Inc.

Constantine Nicoladis, PE – *Project Manager*

Bruce Richards, AICP, PTP, GIP * – *Deputy Project Manager*

Corrective Action Plans, Risk Assessments, Regulation Research, Permitting and Environmental Engineering

N-Y Associates, Inc.

Bruce Richards, AICP, PTP, GIP *

Constantine Nicoladis, PE

Jim Simmons, PE

William Haensel, PS, PLS

Fred Mortali, PE

W. Tully Rhodes, PE

Patricia Claverie, EI, MS

Dennis Voss, NICET

Environmental Site Assessments, Corrective Action Plans, HAZMAT and Brownfields Redevelopment

Professional Service Industries, Inc.

Robert White, CAC, REA

Jasmine Wilson, ME

Thomas George, PG

Michael Rothenburg, PE, CIH, FLAC, WELL AP

Greg Chambliss, RPIH, LEED, AP

Geotechnical Engineering

Gulf South Engineering and Testing, Inc.

Chad Poche, PE

Blake Vutera, PE

Joseph H. "Trey" Binder, III

Bryson S. Beard, EI

* National Green Infrastructure
Certification Program

Topographic & Hydrographic Surveying

BFM Corporation, LLC

Ralph Fontcuberta, Jr., PLS

Gary Lambert, PLS

John Philip Thayer, Field Operations

Chris Lemley, Survey Crew Chief



2. N-Y ASSOCIATES, INC.

Prime Consultant

TEC Professional Services Questionnaire and Letters of Recommendation

TEC PROFESSIONAL SERVICES QUESTIONNAIRE



A.	Project Name and Advertisement Resolution Number:					
	Miscellaneous Environmental Services Resolution No. 140859					
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					
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					
E.	Please provide the number of employees whose primary function corresponds with each category:					
	3	Administrative	*	Estimators	**	Specification Writers
	4	Architects (Licensed)	--	Geologists	4	Structural Engineers
	--	Chemical Engineers	--	Geotechnical Engineers		Graduate Engineers
	5	Civil Engineers	--	Interior Designers		Project Managers
	3	Construction Inspectors	--	Landscape Architects		Clerical
	--	Ecologists	--	Land Surveyor		Grant/Funding Specialist
	--	Electrical Engineers	--	Mechanical Engineers	***	Sanitary Engineers
	2	Engineer Intern (Civil)	--	Environmental Engineers	****	Transportation Engineers
		Professional Land Surveyors	1	Planners Urban/Regional	2	CAD Operators
					1	Eng. Technicians (Civil)
					25	TOTAL
	<p>* N-Y senior technical personnel prepare cost estimates.</p> <p>** N-Y senior technical personnel write specifications.</p> <p>*** N-Y Sanitary Engineers are included in Civil Engineers.</p> <p>**** N-Y Transportation Engineers are included in Civil and Structural Engineers</p>					
F.	Is this submittal by a JOINT-VENTURE?					
	Please check: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>					
	If marked "No" skip to Section I. If marked "yes" complete Sections G-H.					

G.	If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.		
	N/A		
H.	Has this JOINT-VENTURE previously worked together? Please check:		
	YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		
I.	List all subcontractors anticipated for this Project. Please note that <u>all subcontractors must submit a fully completed copy of this questionnaire</u> , applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.		
	Name and Address:	Specialty:	Worked with Firm Before (Yes or No):
1.	Professional Service Industries, Inc. 724 Central Avenue Jefferson, LA 70121	Environmental Site Assessments, Corrective Action Plans, HAZMAT and Brownfields Redevelopment	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 Environmental Engineer

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

36 Years

Education: Degree(s)/Year/Specialization:

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

Master of Business Administration/1987/Loyola University

Active registration: Year first registered/discipline:

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

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

Other experience and qualifications relevant to the proposed Project:

Mr. Nicoladis has 36 years of civil, hydraulic and environmental experience including extensive experience in various types of projects including with wastewater, water, storm drainage, flood control and street projects. He has extensive experience working with public and private clients at the local, state and federal level.

Project Experience

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

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

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. *This project includes Environmental Clearance, Permitting and a Hydraulics and Hydrology Study utilizing SWMM computer modeling.*

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

1077/1085 Drainage Study; St. Tammany Parish, LA: Hydraulic Modeling utilizing SWMM and HEC-RAS, of existing conditions and proposed improvements for this 12,500 acre area which includes the following 3 watersheds: East Bedico Creek, Soap & Tallow Creek and Black River. The proposed improvements will alleviate overland flooding and include 6 new stormwater detention ponds, enlargement of existing culverts and new culverts.



Tantella Ranch/McGee Road Drainage Study; St. Tammany Parish, LA: E H&H Modeling utilizing SWMM of Existing Conditions and Proposed Improvements for a 1,780 acre area on Tantella Ranch Road including seven (7) outfalls. N-Y evaluated the impact and water surface elevation reduction of a proposed detention pond, extending the existing channel and the addition of a proposed culvert on Tantella Road.

Alton Drainage Study and Design; St. Tammany Parish, LA: Hydraulic modeling of existing conditions and proposed improvements (including new subsurface drainage and open channel flow) to alleviate street and nuisance flooding in the Alton Subdivision North of I-12 and West of US Hwy 11. A SWMM model was created to study the drainage issues based on existing conditions and proposed improvements for a 10, 25, 50 and 100 year storm. N-Y is currently designing Phase I of these proposed drainage improvements. *This project includes Environmental Clearance, Permitting and a Hydraulics and Hydrology Study utilizing SWMM computer modeling.*

Hurricane Protection Alignments, Westbank & Vicinity: A. Reconnaissance-Level Study, B1. WBV-72 Lake Cataouatche Levee, B2. WBV-74 Western Tie-In Closure Structure at Bayou Verret (Sellers Canal); Jefferson and St. Charles Parishes, LA: A. Reconnaissance-level study for hurricane protection alignments, raised to FEMA 100 year future case (2057) level of protection. B1. Design & Engineering During Construction of 12,450 LF of earthen levee, 2 concrete access bridges, a drainage feature in the Davis Pond Guide Levee, & a new drainage path for Jefferson Parish's pump station. B2. Design & Engineering During Construction of a 56 ft. wide navigable sector gate; by-pass channel; 450 LF of T-wall; 1700 LF of earthen levee; 5 gate sluice structure & permanent access road.

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

Mr. Constantine Frank Nicoladis

License/Certificate Type - Number

PE.0027095

Expiration Date

09/30/2023

Status: **Active**



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Bruce J. Richards, AICP, PTP, GIP - Vice President and Director of Planning

Project Assignment:

Deputy Project Manager / Environmental Planner

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

24 Years

Education: Degree(s)/Year/Specialization:

Master of City Planning/1989/Georgia Institute of Technology; Bachelor of Arts/1986/Louisiana State University

Active registration: Year first registered/discipline:

AICP No. 126106; PTP No. 643; GIP No. 974

Other experience and qualifications relevant to the proposed Project:

Mr. Richards offers 32 years of environmental planning experience for feasibility studies, transportation planning, master plans, environmental assessments & impact statements, research & operations studies, traffic impact studies and noise mitigation.

Mr. Richards has completed the NHI Course No. 142005, "National Environmental Policy Act (NEPA) and Transportation Decision Making" and the course on Section 106 of the National Preservation Act offered by the Advisory Council on Historic Preservation.

Project Experience

Bucktown Neighborhood Plan; Jefferson Parish, LA: Neighborhood plan to address issues regarding future redevelopment, land use, traffic and recreation. This award-winning plan included a substantial public participation component; coordination with the Parish's overall master planning efforts; and the creation of two new site specific mixed-use zoning districts.

West End Redevelopment, Phases 1 & 2; Orleans & Jefferson Parishes, LA: An award-winning Smart Growth-based redevelopment plan. *Phase 1:* Land Use and Site Plan Analysis which resulted in a consensus site plan alternative incorporating principles of Smart Growth. *Phase 2:* Economic Development Study determining the appropriate amount of retail, office, hotel and residential units that can be absorbed within the study area.

Lafreniere Sub-Area Plan; Jefferson Parish, LA: A sub-area plan for the Lafreniere Park area on the Parish's east bank. The study included research and planning to prepare amendments to the zoning map and zoning text necessary for the economic revitalization and redevelopment of the Lafreniere Park area.

Site Program and Master Site Plan for Hope Haven Site; Jefferson Parish, LA: Master planning for the redevelopment of the existing 27-acre Hope Haven site on the Parish's west bank. The project includes coordinating and guiding the efforts of a Stakeholder Task Force; developing a conceptual program for the use of existing Hope Haven; property and buildings; developing a master site plan; and preparing and conducting public meetings.

General Engineering Services IDIQ for the USACE, Task Order No. 2 - Project Management Support for Flood Risk Management Risk Consequence Data: The collection of performance measure data for approximately 25 Flood Risk Management (FRM) projects throughout the MVN area of responsibility, including projects in the feasibility study, design and construction phases. **Responsibilities include reviewing existing FRM risk consequence data, updating existing FRM risk consequence data, and fact sheet documentation of FRM risk consequence data.**

LA 3234 Extension (LA 1065 to Hammond Airport); Tangipahoa Parish, LA: Engineering, Environmental, and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for extending LA 3234. **This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.**

Willowdale Drainage Pumping Station; St. Charles Parish, LA: A new 525 CFS drainage pumping station including three, 175 CFS vertical pumps. The pump station is located at the southeast corner of Willowdale Subdivision at the intersection of two main drainage canals.

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

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



East-West Corridor Multi-Modal Environmental Impact Statement; Jefferson, Orleans, and St. Charles Parish, LA:

An Environmental Impact Statement, including alignment studies and impact analysis of the build alternatives necessary to obtain a Record of Decision for this multi-modal transit and highway corridor. N-Y's work focused on the development of Airline Highway widening alternatives (six and eight lane) and new at-grade and elevated expressway alternatives (six & eight lanes with four lane service roads). ***This project included Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

Environmental Assessment for Causeway/Earhart Interchange, Route LA 3139; Jefferson Parish, LA:

Feasibility Study and Environmental Inventory for a proposed interchange at the Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046). Plans, profiles, and cost estimates were developed for six multi-level interchange alternatives. The final two alternatives were evaluated in a Stage 1 Environmental Assessment. ***This project included Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

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

Geometric Design Study (including engineering feasibility of alternatives), **Environmental Assessment**, Topographic Surveys, and Preliminary & Final Roadway & Bridge Plans for adding a fully directional interchange to Interstate 12 at LA 1088. ***This project included Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

Environmental Assessment for LA Highway 23 (Happy Jack to N. Port Sulphur); Plaquemines Parish, LA:

A Stage 1 Environmental Assessment for the conversion of a 3.8-mile segment of highway from two lanes to four lanes. Development, refinement and analysis of alternatives, conceptual roadway and drainage plans, cost estimates and an analysis of likely impacts. ***This project included Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

Environmental Assessment for Florida Avenue Bridge and Expressway; Orleans and St. Bernard Parishes, LA:

Stage 1 Environmental Assessment and Concept Engineering Design for a new Florida Avenue Bridge over the Inner Harbor Navigation Canal (IHNC) from Poland/Alvar Streets in Orleans Parish to Paris Road in St. Bernard Parish; 18 fixed span and moveable span bridge alternatives and various corridor plans for roadway widening and interchange alternatives were considered. The EA had a major community outreach effort which included 18 public meetings. ***This project included Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

Environmental Assessment for Hooper Road Extension (LA 408); East Baton Rouge and Livingston Parishes, LA:

Engineering, Environmental and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for improvements and extension of Hooper Road (LA 408). This study included development of alternatives and alternative analyses, concept roadway and bridge plans, a traffic impact study, cost estimates, environmental impact analyses, conceptual relocation plan, and a public participation program. ***This project included Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

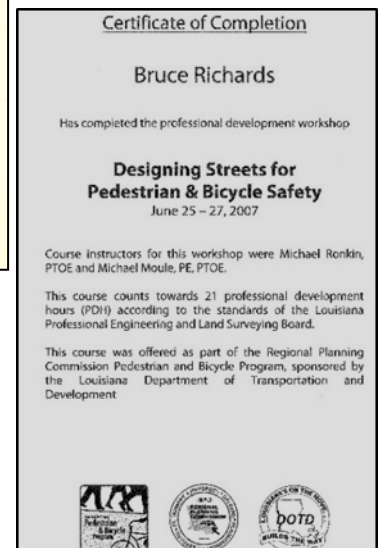
Environmental Assessment for Ambassador Caffery Parkway (Willow Road to Carenco); Lafayette Parish, LA:

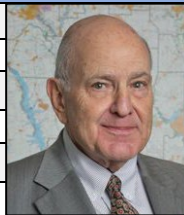
A Line and Grade Study and Environmental Evaluation, and an Environmental Assessment for an extension of Ambassador Caffery Parkway, a major North-South thoroughfare in Lafayette Parish. The total length of the project is approximately eight (8) miles, including tie-ins to two (2) existing interchanges at I-10 and I-49, with improvements to the Interchange at I-10. ***This project included Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

Memberships & Associations:

- American Planning Institute
- American Institute of Certified Planners

LICENSURE: BRUCE J. RICHARDS, AICP, PTP, GIP



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:		
54 Years		
Education: Degree(s)/Year/Specialization:		
Bachelor of Science/1957/Mississippi State University/Civil Engineering		
Active registration: Year first registered/discipline:		
LA (5924)/1957/Civil Engineering	TX (32329)/1971/Civil Engineering	FL (36371)/1985/Civil Engineering
MS (2468)/1961/Civil Engineering	AR (3373)/1972/Civil Engineering	LA (2862)/1957/Surveying (retired)
Other experience and qualifications relevant to the proposed Project:		
<p>Mr. Nicoladis has over 65 years of experience as a consulting engineer, with 54 years as President of N-Y. Mr. Nicoladis serves as a Principal for the firm's projects, ensuring that 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 service that exceeds their expectations.</p> <p>Mr. Nicoladis and his firm have been working in Jefferson Parish for over 45 years and have the following types of project experience:</p> <ul style="list-style-type: none"> Environmental Inventories, Assessments and Impact Statements Conceptual and Master Planning 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 Rate Studies and Financial Feasibility Studies Preliminary and Final Construction Plans Construction Administration and Program Management 		
<div> <div>Project Experience</div> <div> <p>Environmental Assessment for LA 3234 Extension (LA 1065 to Hammond Airport); Tangipahoa Parish, LA: Engineering, Environmental, and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for extending LA 3234. <i>This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.</i></p> </div> </div>		
<div> <div>Environmental Assessment for US 51 (LA 22 to Club Deluxe Road); Tangipahoa Parish, LA: Engineering, Environmental and Planning services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and intersection improvements to US 51. <i>This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.</i></div> <div> <p>Environmental Impact Statement (EIS) and Interchange Justification Report (IJR) for US 61 at Reserve to I-10 Port Connector Road for the Port of South Louisiana and St. John the Baptist Parish, LA: Environmental Impact Statement for new roadway and bridge alternatives for port, commercial and local traffic to connect US 61 to I-10 in St. John Parish. Identification of the preferred alternative, which includes a new I-10 interchange in St. John Parish, required an Interchange Justification Report to be prepared concurrently with the preparation of the Final Environmental Impact Statement (FEIS). <i>This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.</i></p> </div> <div> <p>Environmental Assessment and Preliminary Engineering for a New Lapalco Boulevard Bridge Crossing the Harvey Canal; Jefferson Parish, LA: Line & Grade Study and an Environmental Assessment (including Preliminary Engineering Design) for a new westbound, double leaf bascule (moveable span) bridge crossing the Harvey Canal at Lapalco Boulevard parallel to the existing moveable bridge. <i>This project included Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.</i></p> </div> </div>		

East-West Corridor Multi-Modal Environmental Impact Statement; Jefferson, Orleans, and St. Charles Parish, LA: Engineering and Planning services for an Environmental Impact Statement, including alignment studies and impact analysis of the build alternatives necessary to obtain a Record of Decision for this multi-modal transit and highway corridor. N-Y's work focused on the development of Airline Highway widening alternatives (six and eight lane) and new at-grade and elevated expressway alternatives (six & eight lanes with four lane service roads). ***This project included Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

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. ***This project includes Environmental Clearance, Permitting and a Hydraulics and Hydrology Study utilizing SWMM computer modeling.***

Multi-Mission Station Building, U.S. Coast Guard Station; Metairie, LA: A new \$10.5 million, 23,000 SF building including a control center, a communications center, administrative offices, classrooms, a conference room, several berthing rooms, a physical fitness area, galley, dining area and maintenance shop. ***Construction of this project included dredging of the Bucktown Harbor channel and marina to a depth of EL -8 NGVD. The dredged spoils were used to create a mitigation area consisting of man-made marsh and a 1450 LF rock dike.***

Environmental Assessment for Causeway/Earhart Interchange, Route LA 3139; Jefferson Parish, LA: Feasibility Study and Environmental Inventory (including line and grade) for a proposed interchange at the Earhart Expressway (LA 3139) and Causeway Boulevard (LA 3046). The final two alternatives were evaluated in a Stage 1 Environmental Assessment. ***This project included Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

1077/1085 Drainage Study; St. Tammany Parish, LA: Hydraulic Modeling utilizing SWMM and HEC-RAS, of existing conditions and proposed improvements for this 12,500 acre area which includes the following 3 watersheds: East Bedico Creek, Soap & Tallow Creek and Black River. The proposed improvements will alleviate overland flooding and include 6 new stormwater detention ponds, enlargement of existing culverts and new culverts.

Mississippi River Manchac Levee Enlargement; East Baton Rouge and Iberville Parishes, LA: Design and Construction Engineering for raising 15,600 LF of Mississippi River Levee to the authorized grade above the flow line. N-Y received an "Exceptional" ACASS rating for this project.

Hurricane Protection Alignments, Westbank & Vicinity:

A. Reconnaissance-Level Study, B1. WBV-72 Lake Cataouatche Levee, B2. WBV-74 Western Tie-In Closure Structure at Bayou Verret (Sellers Canal); Jefferson and St. Charles Parishes, LA: **A. Reconnaissance-level study** for hurricane protection alignments, raised to FEMA 100 year future case (2057) level of protection. **B1.** Design & Engineering During Construction of 12,450 LF of earthen levee, 2 concrete access bridges, a drainage feature in the Davis Pond Guide Levee, & a new drainage path for Jefferson Parish's pump station. **B2.** Design & Engineering During Construction of a 56 ft. wide navigable sector gate; by-pass channel; 450 LF of T-wall; 1700 LF of earthen levee; 5 gate sluice structure & permanent access road.

Bayou Sauvage Master Plan and Environmental Impact Statement; New Orleans, LA: Assistance with the preparation of a Master Plan for facility improvements and an Environmental Impact Statement for a 23,000 acre National Wildlife Refuge in Eastern New Orleans. The Master Plan contains concepts to guide further development and implementation of land use, recreation and resource management programs and associated facilities. The EIS was prepared in compliance with National Environmental Protection Act (NEPA) guidelines to document the existing natural environmental and socio-economic setting and to evaluate the impact of the master plan actions and alternatives analysis.

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
Mr. Frank Nicoladis	
License/Certificate Type - Number	Expiration Date
PE.0005924	03/31/2023
Status: Active	



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

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

Project Assignment:

Principal / Project and Subconsultant Management

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

39 Years

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

LA (8705)/1982/Engineering Intern

Other experience and qualifications relevant to the proposed Project:

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

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

Project Experience

Multi-Mission Station Building, U.S. Coast Guard Station; Metairie, LA: A new \$10.5 million, 23,000 SF building including a control center, a communications center, administrative offices, classrooms, a conference room, several berthing rooms, a physical fitness area, galley, dining area and maintenance shop. *Construction of this project included dredging of the Bucktown Harbor channel and marina to a depth of EL -8 NGVD. The dredged spoils were used to create a mitigation area consisting of man-made marsh and a 1450 LF rock dike.*

LA 3234 Extension (LA 1065 to Hammond Airport); Tangipahoa Parish, LA: Engineering, Environmental, and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for extending LA 3234. *This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.*

Environmental Impact Statement (EIS) and Interchange Justification Report (IJR) for US 61 at Reserve to I-10 Port Connector Road for the Port of South Louisiana and St. John the Baptist Parish, LA: Environmental Impact Statement for new roadway and bridge alternatives for port, commercial and local traffic to connect US 61 to I-10 in St. John Parish. Identification of the preferred alternative, which includes a new I-10 interchange in St. John Parish, required an Interchange Justification Report to be prepared concurrently with the preparation of the Final Environmental Impact Statement (FEIS). *This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.*

Environmental Assessment and Preliminary Engineering for a New Lapalco Boulevard Bridge Crossing the Harvey Canal; Jefferson Parish, LA: Line & Grade Study and an Environmental Assessment (including Preliminary Engineering Design) for a new westbound, double leaf bascule (moveable span) bridge crossing the Harvey Canal at Lapalco Boulevard parallel to the existing moveable bridge. *This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.*

Memberships & Associations:

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





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(LPELS)

9643 Brookline Avenue, Suite 121

Baton Rouge, LA 70809

Phone (225) 925-6291

www.lapels.com

Mr. Michael F. Nicoladis

License/Certificate Type - Number

EI.0008705

Expiration Date

09/30/2023

Status: **Active**



**Jefferson
Parish**
State of Louisiana

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

James E. Simmons, PE - Vice President

Project Assignment:

Senior Civil and Structural Engineer

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

29 Years

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

Jim Simmons has over 45 years of progressively responsible engineering experience, with particular emphasis on urban roadways, street and paving projects, highways, bridges, floodwalls, flood control structures, drainage systems, ports, and industrial facilities. Mr. Simmons has over 30 years of transportation design management experience. He has also taken the NHI Course No. 14005, "National Environmental Policy Act (NEPA) and Transportation Decision Making".

Project Experience

Multi-Mission Station Building, U.S. Coast Guard Station; Metairie, LA: A new \$10.5 million, 23,000 SF building including a control center, a communications center, administrative offices, classrooms, a conference room, several berthing rooms, a physical fitness area, galley, dining area and maintenance shop. **Construction of this project included dredging of the Bucktown Harbor channel and marina to a depth of EL -8 NGVD. The dredged spoils were used to create a mitigation area consisting of man-made marsh and a 1450 LF rock dike.**

LA 3234 Extension (LA 1065 to Hammond Airport); Tangipahoa Parish, LA: Engineering, Environmental, and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for extending LA 3234. **This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.**

US 51 (LA 22 to Club Deluxe Road) Environmental Assessment; Tangipahoa Parish, LA: Engineering, Environmental and Planning services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and intersection improvements to US 51. **This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.**

Environmental Impact Statement (EIS) and Interchange Justification Report (IJR) for US 61 at Reserve to I-10 Port Connector Road for the Port of South Louisiana and St. John the Baptist Parish, LA: Environmental Impact Statement for new roadway and bridge alternatives for port, commercial and local traffic to connect US 61 to I-10 in St. John Parish. Identification of the preferred alternative, which includes a new I-10 interchange in St. John Parish, required an Interchange Justification Report to be prepared concurrently with the preparation of the Final Environmental Impact Statement (FEIS). **This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.**

Hurricane Protection Alignments, Westbank & Vicinity:

A. Reconnaissance-Level Study, B1. WBV-72 Lake Cataouatche Levee, B2. WBV-74 Western Tie-In Closure Structure at Bayou Verret (Sellers Canal); Jefferson and St. Charles Parishes, LA: A. Reconnaissance-level study for hurricane protection alignments, raised to FEMA 100 year future case (2057) level of protection. **B1.** Design & Engineering During Construction of 12,450 LF of earthen levee, 2 concrete access bridges, a drainage feature in the Davis Pond Guide Levee, & a new drainage path for Jefferson Parish's pump station. **B2.** Design & Engineering During Construction of a 56 ft. wide navigable sector gate; by-pass channel; 450 LF of T-wall; 1700 LF of earthen levee; 5 gate sluice structure & permanent access road.

Memberships & Associations:

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



LICENSURE/CERTIFICATIONS: JAMES SIMMONS, PE



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Baton Rouge, LA 70809
Phone (225) 925-6291
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Mr. James E. Simmons

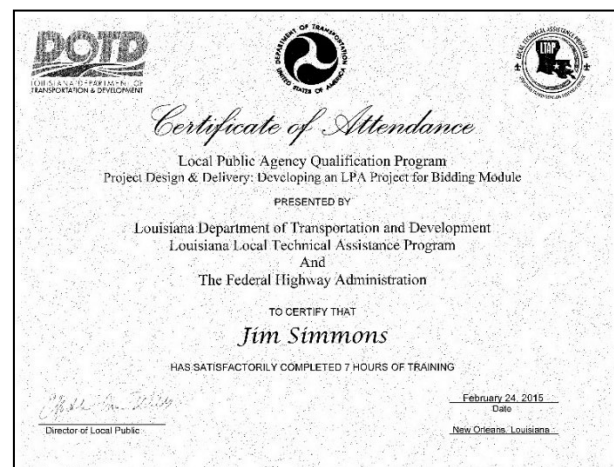
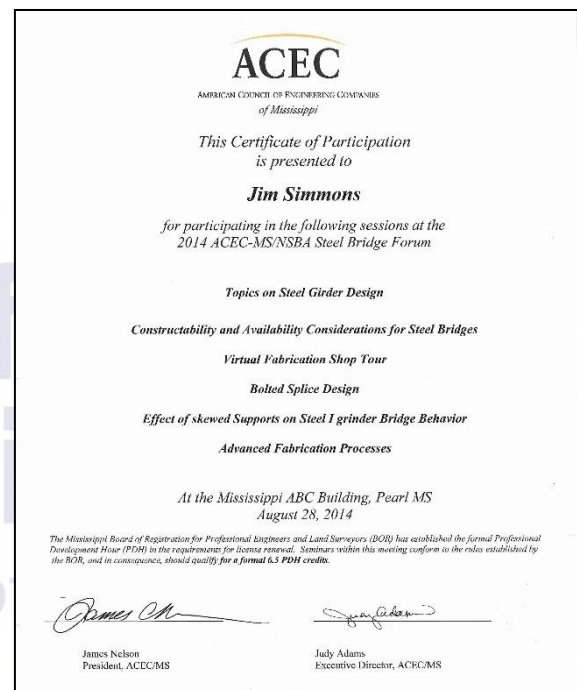
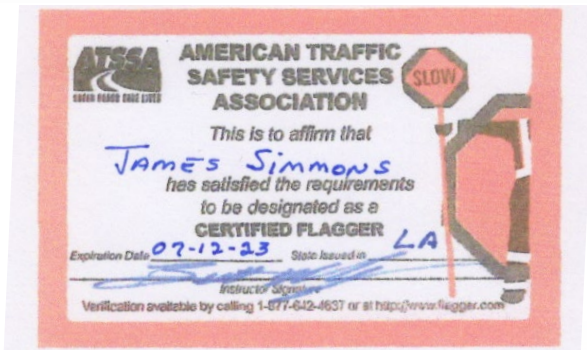
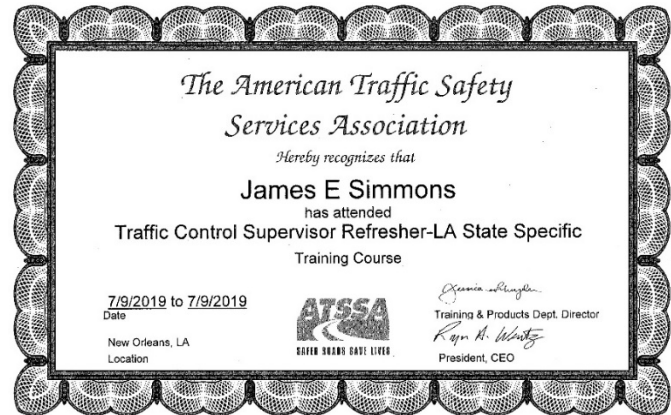
License/Certificate Type - Number

PE.0019891

Expiration Date

09/30/2023

Status: **Active**



KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

William Haensel, PE, PLS – Senior Civil Engineer

Project Assignment:

Senior Civil Engineer

Name of Firm with which associated:

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

Years' experience with this Firm:

2 Years / 53 years with Other Firms

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

LA (13375)/1972/Civil Engineering

Other experience and qualifications relevant to the proposed Project:

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

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

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

➤ With Other Firms

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

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

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

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

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

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

Memberships & Associations:

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



LICENSURE/CERTIFICATIONS: WILLIAM HAENSEL, PE, PLS



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

Mr. William B. Haensel Jr.

License/Certificate Type - Number	Expiration Date
PE.0013375	03/31/2024
Status: Active	



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Mr. William B. Haensel Jr.

License/Certificate Type - Number	Expiration Date
PLS.0004338	03/31/2024
Status: Active	

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Fred C. Mortali, PE – Civil Engineer

Project Assignment:

Civil and Hydraulic Engineer

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

14 Years

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

Mr. Mortali's 30 years of experience includes the design of various types of civil engineering projects including storm drainage, flood control, water, wastewater, and street projects, including particular expertise in drainage studies and H&H modeling.

Project Experience

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

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

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. *This project includes Environmental Clearance, Permitting and a Hydraulics and Hydrology Study utilizing SWMM computer modeling.*

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

1077/1085 Drainage Study; St. Tammany Parish, LA: Hydraulic Modeling of existing conditions and proposed improvements utilizing the HEC-RAS Program of the following tributaries in the western area of St. Tammany Parish: East Bedico Creek; Tributary #3; Fox Run; Soap & Tallow Creek; and Black River. The proposed improvements will alleviate overland flooding and include enlarged culverts and bridge crossings and new detention ponds.

Tantella Ranch/McGee Road Drainage Study; St. Tammany Parish, LA: Evaluation of the water surface elevation for a 1780 acre area on Tantella Ranch Road utilizing SWMM Modeling software. Included in the model is a proposed culvert addition on Tantella Road. This project also included determination of the impact a proposed detention pond would have on the water surface elevation at McGee Road.

**Alton Drainage Study and Design; St. Tammany Parish, LA:**

Hydraulic modeling of existing conditions and proposed improvements (including new subsurface drainage and open channel flow) to alleviate street and nuisance flooding in the Alton Subdivision North of I-12 and West of US Hwy 11. A SWMM model was created to study the drainage issues based on existing conditions and proposed improvements for a 10, 25, 50 and 100 year storm. N-Y is currently designing Phase I of these proposed drainage improvements. *This project includes Environmental Clearance, Permitting and a Hydraulics and Hydrology Study utilizing SWMM computer modeling.*

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 and Construction Management of \$83 million of FEMA funded concrete and asphalt street improvements, due to damage sustained during Hurricane Katrina. N-Y is responsible for overall program implementation including the oversight of five (5) design engineers and approximately twenty (20) construction contractors. N-Y's scope of work includes assisting the Parish with the necessary documentation for FEMA's Project Worksheets (PWs) – including periodic updates and re-versioning.

Waterline Replacement Program for the French Quarter and CBD; New Orleans, LA:

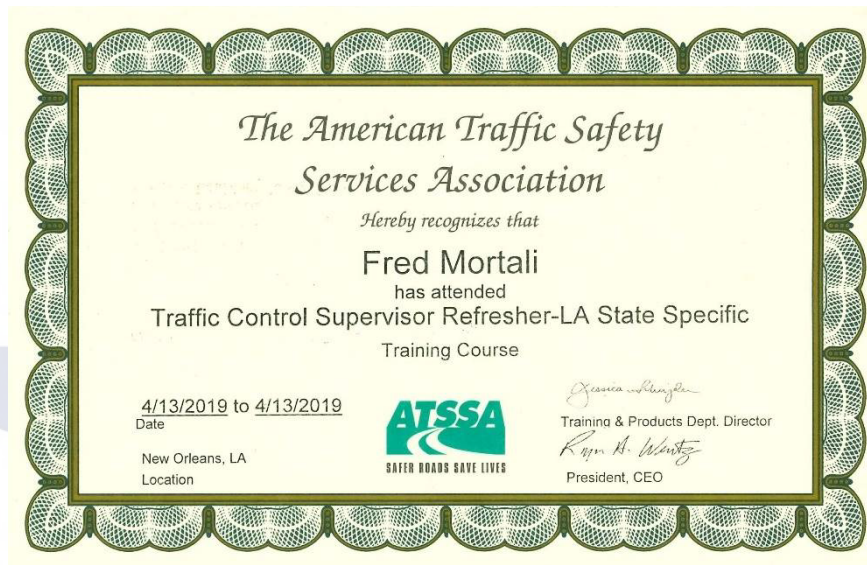
\$7 million waterline replacement & roadway reconstruction: 2500 LF of 8" waterline; 5000 LF of 12" waterline; 480 LF of 20" waterline; 1450 LF of 24" waterline; 1450 LF of 30" waterline.

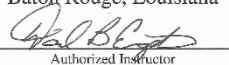


Memberships & Associations:

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

LICENSURE/CERTIFICATIONS: FRED MORTALI, PE

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Mr. Fred Charles Mortali	
License/Certificate Type - Number	Expiration Date
PE.0035111	03/31/2024
Status: Active	



Certificate of Attendance	
presented to	
<i>Fred Mortali</i>	
for attending the	
Highway Safety Manual Workshop	
20 Professional Development Hours	
<i>March 8-10, 2016</i>	
Baton Rouge, Louisiana	
 Authorized Instructor	
	

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:

19 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 (19885)/1984/Civil Engineering**MS (8055)/1980/Civil Engineering**

Other experience and qualifications relevant to the proposed Project:

Mr. Rhodes is a senior civil and hydraulic engineer with 46 years of experience. His project experience includes work as a project engineer, city engineer, project manager and service area manager. He has been in responsible charge of street, drainage, water and wastewater projects for over 30 years.

Project Experience

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.

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

Turkey Creek Drainage Analysis; Gulfport, MS: HEC-RAS modeling a reach of Turkey Creek in Gulfport, MS for the purpose of assessing the impact of flood stage water level on the efficiency of the existing municipal drainage system.

Bayou Bernard Subdivision Design; Gulfport, MS: HEC-RAS modeling a reach of Bayou Bernard in Gulfport, MS for the purpose of generating a "No Rise" certification related to filling and grading for subdivision design and construction.

Riverwalk Subdivision Design; D'Iberville, MS: HEC-RAS modeling a reach of the Tchoutacabouffa River in D'Iberville, MS for the purpose of generating a "No Rise" certification related to filling and grading for subdivision design and construction.

Infrastructure Repair Program (FEMA) - Area 2 North Biloxi, Phase 5; Biloxi, MS: The repair to approx. 6700 LF of city streets and 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.

Easterbrook/St. John Drainage Project; Bay St. Louis, MS: Approx. 1500' of storm drains on Easterbrook Street from St. Francis Street to St. John Street and approx. 1500' of storm drains on St. John Street.

New Drainage for Elder/Main Area; Biloxi, MS: Drainage improvements including 2,341 LF of 12" to 36" reinforced concrete pipe.

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.

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.

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

Memberships & Associations:

- American Society of Civil Engineers





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9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
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Mr. William Tully Rhodes

License/Certificate Type - Number

PE.0019885

Expiration Date

09/30/2023

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:		
2 Year / 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:		
<p>Patricia Claverie has 23 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.</p> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">Roadway & Drainage Experience:</div> <p>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.</p> <p>Replacement of 15 Rural Bridges, LADOTD Districts 08, 58 and 05; Winn, Grant, Natchitoches, Rapides, Vernon, Catahoula, Caldwell, Franklin and Jackson Parishes, LA: H&H Modeling utilizing HEC-RAS for the replacement of fifteen (15) rural bridges crossing creeks and bayous on the State Highway System in LADOTD District 08, 58 and 05.</p> <p>Improvements to Carriage Canal and Dunleith Canal; St. Charles Parish, LA: A new 107 LF concrete open flume at the intersection of the Carriage Canal and the Dunleith Canal to channel the two perpendicular flows into one uniform flow and a 540 LF of new sheet piles that will tie into the new concrete flume.</p>	<p>➤ With Other Firms</p> <p>Master Drainage Plan for Sewerage and Water Board of New Orleans: Ms. Claverie was responsible for creating the hydraulic model using PCSWMM for both the existing conditions and required drainage improvements for the Algiers and English Turn areas.</p> <p>USACE – Southeast Louisiana Urban Flood Control Program (SELA), Orleans Parish, LA: Ms. Claverie provided construction and program management services for the Sewerage and Water Board (S&WB) of New Orleans on the \$1B drainage improvement program. She coordinated the design and construction work for the S&WB between the USACE and the design A/E firms. She reviewed contract and construction documents for constructability, inputted review comments into Dr. Checks, coordinated acquisitions of rights-of-way and construction easements, and reviewed the design of the relocation of utilities. She performed computer hydraulic modeling using the XP-SWMM program for major drainage canals and systems to determine the existing conditions and required drainage improvements, evaluated water surface profiles for existing and proposed improvements, and prepared conceptual plans and preliminary construction cost estimates for various open and covered canals.</p> <p>Grays Creek, Livingston Parish, LA: Ms. Claverie was responsible for preparing a Drainage Study for Grays Creek from Florida Boulevard (Hwy 190) to Interstate-12 in Livingston Parish. Ms. Claverie created an existing condition model in HEC-RAS for Grays Creek. In addition, the following alternatives were evaluated in the HEC-RAS proposed model: widening the channel bottom, fixing the centerline slope, adding concrete slope paving to side banks, and replacing the bridges with culverts.</p>	

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

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

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

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

Flood Protection Experience:

US Army Corps of Engineers, MVN – Levees Section

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

Ms. Claverie worked on the following relevant projects:

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

Memberships & Associations:

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



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www.lapels.com

Ms. Patricia Renee' Claverie

License/Certificate Type - Number

EI.0019340

Expiration Date

09/30/2022

Status: **Active**



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:

49 Years

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

**Project Experience**

Multi-Mission Station Building, U.S. Coast Guard Station; Metairie, LA: A new \$10.5 million, 23,000 SF building including a control center, a communications center, administrative offices, classrooms, a conference room, several berthing rooms, a physical fitness area, galley, dining area and maintenance shop. ***Construction of this project included dredging of the Bucktown Harbor channel and marina to a depth of EL -8 NGVD. The dredged spoils were used to create a mitigation area consisting of man-made marsh and a 1450 LF rock dike.***

LA 3234 Extension (LA 1065 to Hammond Airport); Tangipahoa Parish, LA: Engineering, Environmental, and Planning Services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for extending LA 3234. ***This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

US 51 (LA 22 to Club Deluxe Road) Environmental Assessment; Tangipahoa Parish, LA: Engineering, Environmental and Planning services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and intersection improvements to US 51. ***This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

Environmental Impact Statement (EIS) and Interchange Justification Report (IJR) for US 61 at Reserve to I-10 Port Connector Road for the Port of South Louisiana and St. John the Baptist Parish, LA: Environmental Impact Statement for new roadway and bridge alternatives for port, commercial and local traffic to connect US 61 to I-10 in St. John Parish. Identification of the preferred alternative, which includes a new I-10 interchange in St. John Parish, required an Interchange Justification Report to be prepared concurrently with the preparation of the Final Environmental Impact Statement (FEIS). ***This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

Environmental Assessment and Preliminary Engineering for a New Lapalco Boulevard Bridge Crossing the Harvey Canal; Jefferson Parish, LA: Line & Grade Study and an Environmental Assessment (including Preliminary Engineering Design) for a new westbound, double leaf bascule (moveable span) bridge crossing the Harvey Canal at Lapalco Boulevard parallel to the existing moveable bridge. ***This project includes Environmental Site Assessments, Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in compliance with NEPA.***

Memberships & Associations:

- American Society of Certified Engineering Technicians

CERTIFICATIONS: DENNIS VOSS, NICET LEVEL IV



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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

Authorized By

LTRC
Louisiana Transportation Research Center

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Noah Jackson, CADD/CADD Technician

Project Assignment:

Engineering CADD Technician

Name of Firm with which associated:

N-Y Associates, Inc.

Years' experience with this Firm:

5 Years (19 Years with Other Firms)

Education: Degree(s)/Year/Specialization:

Associates Degree/Engineering Technology

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

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

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

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

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

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

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

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

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

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:

3 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**Project Experience**

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

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

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

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

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

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

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


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

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.

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.

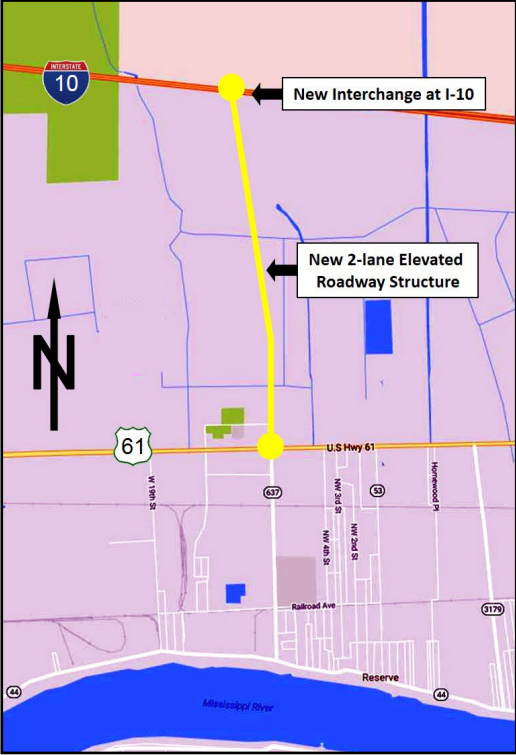
- L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

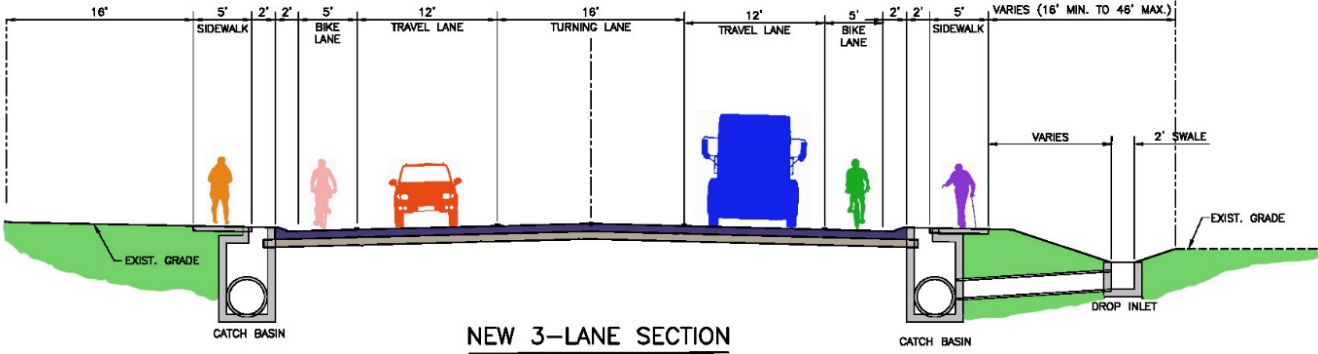
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Multi-Mission Station Building, U.S. Coast Guard Station Metairie, LA</p> <p>Owner: U.S. Coast Guard Contracting Division 5505 Robin Hood Dr., Suite K Norfolk, VA 23513</p> <p>Contact: Matt Ruckert, Lt. Commander (757) 852-3451</p> <div data-bbox="99 919 570 1157" style="background-color: yellow; border: 1px solid black; padding: 5px;"> <p>This project included Environmental Site Assessments (ESAs), Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in Compliance with NEPA.</p> </div> <div data-bbox="170 1213 760 1612">  </div> <div data-bbox="285 1623 639 1654" style="background-color: lightgray; text-align: center; padding: 2px;"> <p>MARSH RESTORATION AREA</p> </div>	<p>Design, bidding, and construction administration for a new \$10.5 million, 23,000 SF building including a control center, a communications center, administrative offices, classrooms, a conference room, several berthing rooms, a physical fitness area, galley, dining area, and maintenance shop.</p> <div data-bbox="597 562 1523 701" style="background-color: #e0e0e0; padding: 5px;"> <p>Construction of the project included dredging of the Bucktown Harbor channel and marina to a depth of EL -8 NGVD. The dredged spoils were used to create a mitigation area consisting of a man-made marsh and a 1450 LF rock dike.</p> </div> <p>The project included the installation of water, gas, and sewage force main lines, and a 1,000 ft. asphaltic concrete access roadway over the existing levee, as well as elevating the roadway 2.5 feet higher than current grade to accommodate a future increase in levee height.</p> <p>The project also included 715 ft. of concrete sheetpile bulkhead tied back with anchor piles and a docking facility which includes three boat slips, one covered mooring, and a fueling facility.</p>	
<p>Completion Date (Actual or Estimated):</p> <p style="text-align: center;">2001</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p> <p style="text-align: center;">\$10.5 million</p>	<p>Work for which Firm was Responsible:</p> <p style="text-align: center;">100%</p>



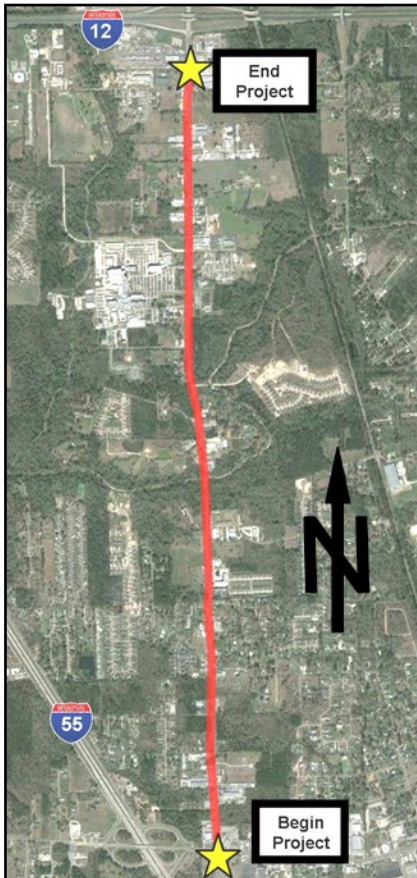
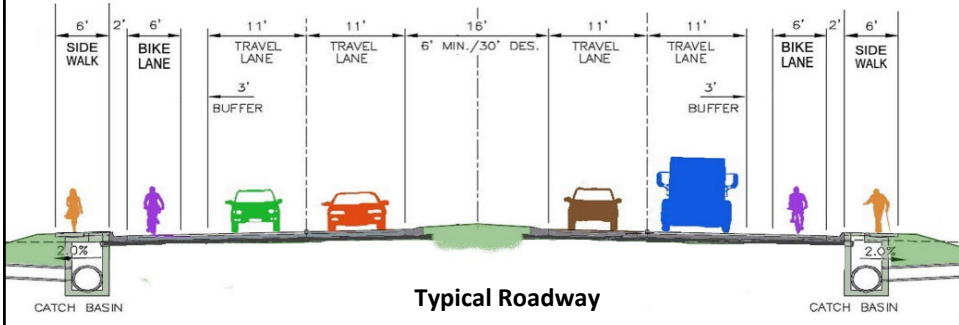
PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Environmental Impact Statement (EIS) and Interchange Justification Report (IJR) for US 61 at Reserve to I-10 Port Connector Road for the Port of South Louisiana and St. John the Baptist Parish, LA</p> <p>Owner: Regional Commission 10 Veterans Boulevard New Orleans, LA 70124</p> <p>Contact: Jeffrey Roesel, AICP Executive Director (504) 483-8528</p> 	<p>i. Environmental Impact Statement for new roadway alternatives for port, commercial and local traffic to connect US 61 to I-10 in St. John Parish, LA. The project is divided into two phases.</p> <ul style="list-style-type: none"> Phase I included Project Initiation, Agency Identification and Initiation, development of the Coordination Plan and Schedule, the Development of Purpose and Need, and Alternative Development and Consideration. Phase II includes evaluation and screening of the list of initial alternatives into candidate alternatives, conceptual design and cost estimates of the candidate alternatives, an Impact Analysis of those candidate alternatives, and preparation of a Draft Environmental Impact Statement (DEIS) followed by completion of a Final Environmental Impact Statement (FEIS) and Record of Decision (ROD). <p>ii. N-Y has completed the Draft EIS and the preferred alternative has been identified, which includes a new I-10 interchange in St. John the Baptist Parish. As such, an Interchange Justification Report (IJR) must be prepared concurrently with the preparation of the Final Environmental Impact Statement (FEIS) and receipt of a Record of Decision (ROD). N-Y will complete this IJR, which is required by the FHWA and LADOTD, and will (1) perform (or update) the traffic analyses, (2) prepare alternative interchange designs for FHWA evaluation and approval, and (3) incorporate the findings and analysis from the IJR into the Final EIS document.</p> <div style="border: 1px solid black; background-color: yellow; padding: 10px; margin-top: 20px;"> <p>This project includes Environmental Site Assessments (ESAs), Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in Compliance with NEPA.</p> </div>	
<p>Completion Date (Actual or Estimated):</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p>	<p>Work for which Firm was Responsible:</p>
<p style="text-align: center;">2024</p>	<p style="text-align: center;">\$120 million</p>	<p style="text-align: center;">100%</p>

PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Environmental Assessment for LA 3234 Extension (LA 1065 to Hammond Airport) Tangipahoa Parish, LA</p> <p>Owner: Louisiana Department of Transportation and Development 1201 Capital Access Road Baton Rouge, LA 70802</p> <p>Contact: Ed Wedge, PE Deputy Chief Engineer (225) 379-1325</p> <div style="background-color: yellow; padding: 5px; border: 1px solid black;"> <p>This project included Environmental Site Assessments (ESAs), Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in Compliance with NEPA.</p> </div>	<p>Engineering, Environmental, and Planning services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for extending LA 3234 in Tangipahoa Parish.</p> <p>LA 3234 is currently a four-lane roadway, ending at LA 1065. The extension of LA 3234 will support intermodal connectivity near Hammond Northshore Regional Airport. The project will improve east-west connectivity through Hammond by extending LA 3234 (East University Avenue) from its current terminus at LA 1065 (North Cherry Street) to Hammond Northshore Regional Airport, thus providing a direct link for vehicular and truck traffic to transit between the Airport and Interstate 55.</p> <p>The Environmental Assessment includes:</p> <ul style="list-style-type: none"> ▪ a traffic analysis ▪ development of alternatives ▪ conceptual roadway (a new 4-lane divided roadway) and bridge plans (pre-cast concrete girders) ▪ cost estimates ▪ human and environmental impact analyses ▪ stakeholder coordination ▪ a conceptual relocation plan ▪ a public outreach program <p>The extended roadway section will address the LADOTD complete Streets policy including pedestrian and bicycle facilities.</p>	
		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	\$45 million	100%

PROJECT NO. 5

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Environmental Assessment for US 51 (LA 22 to Club Deluxe Rd)</p> <p>Tangipahoa Parish, LA</p> <p>Owner:</p> <p>Regional Commission</p> <p>10 Veterans Boulevard</p> <p>New Orleans, LA 70124</p> <p>Contact:</p> <p>Jeffrey Roesel, AICP</p> <p>Executive Director</p> <p>(504) 483-8528</p>	<p>Engineering, Environmental, and Planning services for a Stage 1 Environmental Assessment (including Concept Engineering Design) for added capacity and intersection improvements to US 51 in Tangipahoa Parish.</p> <p>The corridor is currently a three-lane corridor for its entire length, and with increasing growth in the Hammond and Ponchatoula areas, traffic is projected to continue to increase. Capacity and intersection improvements should allow the roadway to adequately function in the future.</p> <p>The Environmental Assessment includes:</p> <ul style="list-style-type: none">▪ a traffic analysis▪ development of alternatives▪ conceptual roadway (a new 4-lane divided roadway) and bridge plans (pre-cast concrete girders)▪ cost estimates▪ human and environmental impact analyses▪ stakeholder coordination▪ a conceptual relocation plan▪ a public outreach program <p>The preferred alternative includes a complete streets cross-section design which includes addition of a new median, new bicycle lanes buffered from travel lanes, and new sidewalks for pedestrians.</p> <div>This project included Environmental Site Assessments (ESAs), Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in Compliance with NEPA.</div>	
		
<p>Completion Date (Actual or Estimated):</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p>	<p>Work for which Firm was Responsible:</p>
<p>2019</p>	<p>\$51.5 million</p>	<p>100%</p>



PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Environmental Assessment and Preliminary Engineering for a New Lapalco Boulevard Bridge Crossing the Harvey Canal; Jefferson Parish, LA</p> <p>Owner: Regional Planning Commission 10 Veterans Blvd. New Orleans, LA 70124</p> <p>Contact: Jeffrey Roesel, AICP Executive Director (504) 483-8528</p> <div style="border: 1px solid black; background-color: yellow; padding: 5px; margin-top: 10px;"> <p>This project included Environmental Site Assessments (ESAs), Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in Compliance with NEPA.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Note: This Environmental Assessment also included the study of a new bridge crossing the Harvey Canal at Harvey Boulevard from Destrehan Avenue on the west to Peters Road on the east. A double leaf bascule (moveable span) with 45' vertical clearance in the closed position and a fixed span bridge with 100' vertical clearance were evaluated as alternatives.</p> </div>	<p>N-Y provided a Line & Grade Study and an Environmental Assessment (including Preliminary Engineering Design) for a new westbound, double leaf bascule (moveable span) bridge crossing the Harvey Canal at Lapalco Boulevard parallel to the existing moveable bridge. The project also includes the conversion of the existing bridge to an eastbound, three-lane facility with a separate bicycle/pedestrian lane.</p> <p>The Environmental Assessment included:</p> <ul style="list-style-type: none"> ▪ A Traffic Analysis ▪ Development and Analysis of the Engineering Alternatives ▪ Cost Estimates ▪ Human and Environmental Impact Analyses of the Proposed Alternatives ▪ Stakeholder Coordination ▪ A Public Outreach Program, including a Public Meeting and Public Hearing ▪ Selection of the Preferred Alternative ▪ Issuance of a FONSI (Finding of No Significant Impact) by the Federal Highway Administration <p>Engineering:</p> <p>The Line & Grade Study and Environmental Assessment examined a new parallel, moveable bridge to be built north of the existing Lapalco Boulevard Bridge over the Harvey Canal. The existing bridge is a two-way, four-lane median barrier divided structure. After construction of the new parallel span, each bridge will carry three (3) lanes of traffic. The existing bridge will also have a bicycle/pedestrian lane.</p> <ul style="list-style-type: none"> ▪ The new moveable bridge was planned to be a double leaf, bascule bridge, similar to the existing bridge. It would carry three (3) lanes of westbound traffic with a 4' inside shoulder, and an 8' outside shoulder. A 150' wide navigation channel and a 45-ft vertical clearance from the water surface would be maintained for both bridges. <div data-bbox="711 1314 1455 1759" data-label="Diagram"> </div>	
<p>Completion Date (Actual or Estimated):</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p>	<p>Work for which Firm was Responsible:</p>
<p>2008</p>	<p>\$70 million</p>	<p>100%</p>

PROJECT NO. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>East-West Corridor Multi-Modal Environmental Impact Statement</p> <p>Jefferson, Orleans, & St. Charles Parishes, LA</p> <p>Owner: LADOTD 1201 Capitol Access Rd. Baton Rouge, LA 70802</p> <p>Contact: Ed Wedge, PE Deputy Chief Engineer (225) 379-1325</p>	<p>As a major sub-consultant to another firm, N-Y provided engineering and planning services for an Environmental Impact Statement (EIS), including alignment studies and impact analysis of the build alternatives necessary to obtain a Record of Decision (ROD) for this multi-modal transit and highway corridor. The project consists of identifying transit and highway alternatives within the area bounded by I-310, the New Orleans Union Passenger Terminal, I-10 and the Mississippi River within the metropolitan New Orleans area. N-Y's work focused on the development of Airline Highway widening alternatives (six and eight lane) and new at-grade and elevated expressway alternatives (six and eight lanes with four lane service roads) to alleviate congestion in a seven (7) mile corridor in Jefferson and St. Charles Parishes. N-Y also prepared the highway EIS document, which addresses the potential social, economic, and environmental impacts associated with the development of the proposed highway alternatives.</p>	
<p>This project included Environmental Site Assessments (ESAs), Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/Permits Research in Compliance with NEPA.</p>	<div data-bbox="899 793 1529 1297"> <p>Build Alternative Typical Sections</p> <p>The diagram shows two cross-sections of the proposed highway alternatives. The top section is labeled 'AIRLINE DRIVE (US 81) LESTER ST. TO RANCHO MIDDLE SCHOOL' and shows a cross-section with multiple lanes, shoulders, and trees. The bottom section is labeled 'BRIDGE CONSTRUCTION TYPICAL SECTION (8 LANES)' and shows a cross-section of an 8-lane bridge with multiple lanes, shoulders, and trees.</p> </div>	
<p>LEGEND</p> <p>— ELEVATED</p> <p>— AT GRADE</p>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2007	\$150 million to \$450 million	30%




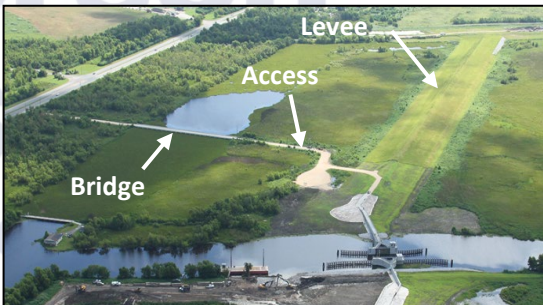
PROJECT NO. 8

Project Name, Location and Owner's contact Information:	Nature of Firm's Responsibility:	
<p>Main Street Drainage Improvements Plaquemines Parish, LA</p> <p>Owner: Plaquemines Parish Dept. of Public Works 102 Avenue G Belle Chasse, LA 70037</p> <p>Contact: Ken Dugas, PE Director of Engineering (504) 297-5343</p>	<p>A Hydraulics and Hydrology Study utilizing SWMM; and Design, Bidding, Construction Administration and 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. The project also includes Environmental Clearance and Permitting.</p> <div data-bbox="727 499 1386 594" style="border: 1px solid black; padding: 5px; background-color: #FFD700; text-align: center;"> <p>This project included Environmental Clearance, Permitting and a Hydraulics and Hydrology Study.</p> </div> <div data-bbox="675 667 1474 1157"> </div>	
<div data-bbox="110 961 643 1010">  <p>Louisiana Department of Natural Resources Office of Coastal Management (OCM) Telephone: 1-800-267-4019 Website: http://dnr.louisiana.gov/ocm/</p> </div> <div data-bbox="418 968 643 1010">  <p>U.S. Army Corps of Engineers (COE) New Orleans District Telephone: 504-863-2766 Website: www.mil.usace.army.mil/regulatory/</p> </div> <p style="text-align: center;">Joint Permit Application For Work Within the Louisiana Coastal Zone</p> <div data-bbox="110 1066 643 1157"> <p>What is the purpose of the Joint Permit Application?</p> <p>This Joint Permit Application was developed to facilitate the state and federal permit application process administered by the Louisiana Department of Natural Resources/Office of Coastal Management (OCM) and the U.S. Army Corps of Engineers (COE) for work within the Louisiana Coastal Zone.</p> <p>To simplify the permit application process, the Joint Permit Application is a multi-purpose application. It may be used to apply for a Coastal Use Permit (CUP) and/or a Department of the Army Permit under Section 10 of the Rivers and Harbors Act and/or Section 404 of the Clean Water Act. This application may also be used to apply for a Solicitation of Views (SOV) or an OCM Request for Determination (RFD). Review the instructions below, then proceed to Step 1.</p> </div> <div data-bbox="110 1178 643 1297"> <p>Instructions</p> <p>There are two parts to the Joint Permit Application package:</p> <ol style="list-style-type: none"> 1. Joint Permit Application, and 2. Maps and Drawings. <p>How do I complete the Joint Permit Application?</p> <p>An accurate/complete application is required for processing; inaccurate/missing information may delay processing. Follow the instructions below to complete the application. Specific instructions are provided with each step.</p> <ul style="list-style-type: none"> • Type or print clearly using black or blue ink. • Steps 1 through 16 must be completed; write "N/A" if information does not apply to your proposed project. It is not necessary to write "N/A" on the Steps that you have been asked to skip. • When additional space is needed, include an 8 1/2 x 11 sheet. <p>When you have questions or need assistance in completing the application:</p> <ul style="list-style-type: none"> • Refer to the "Glossary of Terms" (See page 10). • Refer to "Frequently Asked Questions" (See page 11). • Contact the Office of Coastal Management at 1-800-267-4019. • Contact your local coastal parish program (See page 11). • http://dnr.louisiana.gov/OCM/coastalinteragencyaffiliates/ </div> <div data-bbox="110 1388 643 1591"> <p>Step 1 of 16</p> <p>Complete the following information about the applicant.</p> <p>Applicant/Company Name: Engineering & Public Works Department Individual Person or Corporation/Company</p> <p>Mailing Address: 333 F. Edward Hebert Blvd. Street Address or P.O. Box Belle Chasse City</p> <p>Contact Information: Ken Dugas Name of Contact Person (not the agent) (504) 297-5000 Area Code Daytime Telephone Number</p> </div>	<p style="text-align: center;">Main Street Drainage Proposed Improvements</p> <div data-bbox="475 1304 751 1325" style="background-color: #FFD700; padding: 2px;"> <p>Coastal Use Permit Application Information</p> </div> <div data-bbox="475 1360 997 1415" style="background-color: #FFD700; padding: 2px;"> <p>Applicant: Engineering & Public Works Department Project: Plaquemines Parish Main Street Drainage Improvements Project Parish(es): PLAQUEMINES</p> </div> <p>OCM Analyst: Preliminary Determination: Application Modification: N/A</p> <p>Thank you for using Office of Coastal Management's on-line application process. Your application has been received and has been assigned the following number: P20170089</p> <p>You will be contacted within 5 business days regarding the status of your application. You may also follow the progress of your application on-line at:</p> <p>Item Tracking (text) Application Make Comments Application Invoice</p>	
<p>Completion Date (Actual or Estimated):</p> <p style="text-align: center;">2022</p>	<p style="text-align: center;">Estimated Cost:</p>	
	<p style="text-align: center;">Entire Project:</p> <p style="text-align: center;">\$2.5 million</p>	<p style="text-align: center;">Work for which Firm was Responsible:</p> <p style="text-align: center;">100%</p>

PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Mississippi River Manchac Levee Enlargement; East Baton Rouge and Iberville Parishes, LA</p> <p>Owner: USACE, New Orleans District 7400 Leake Avenue New Orleans, LA 70160</p> <p>Contact: Mr. Chris Dunn Chief Engineer (504) 862-1799</p> <div data-bbox="89 884 654 1295" data-label="Image"> </div> <div data-bbox="89 1316 654 1728" data-label="Image"> </div>	<p>Design and Engineering During Construction for this project, which involved raising 15,600 LF of Mississippi River Levee to the authorized grade above the flow line.</p> <p>Due to settlement of the levee over time, 4 ft. "TrapBags" had been added to portions of the levee crown during the 2011 Mississippi River high water event to prevent over-topping. In order to raise the levee and not replace the existing concrete slope paving on the flood side of the levee, the levee centerline was realigned to the protected side while staying within the existing right-of-way and not disturbing the adjacent existing roadway.</p> <div data-bbox="740 678 1503 1283" data-label="Complex-Block" style="background-color: #fff9c4; border: 1px solid black; padding: 10px;"> <p>N-Y Associates received an "Exceptional" ACASS rating for this project in the following areas:</p> <ul style="list-style-type: none"> ▪ Civil Engineering ▪ Relocations ▪ ROW Maps ▪ Engineering During Advertise ▪ Thoroughness of Site Investigations/Field Analysis ▪ Plans/Specs Accurate and Coordinated ▪ Plans Clear and Detailed Sufficiently ▪ Suitability of Design or Study Results ▪ Cooperativeness and Responsiveness ▪ Quality of Briefing and Presentations ▪ Implementation of Small Business Subcontracting Plan ▪ Quality ▪ Schedule ▪ Cost Control </div> <div data-bbox="799 1312 1433 1722" data-label="Image"> </div>	
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014	\$5 million	100%

PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>W912P8-06-D-0036 Hurricane Protection Alignments, Westbank and Vicinity; Jefferson and St. Charles Parishes, LA</p> <p>A. Reconnaissance-Level Study for Hurricane Protection Alignments</p> <p>B1. WBV-72 Lake Cataouatche Hurricane Protection Levee</p> <p>B2. WBV-74 Western Tie-In Closure Structure at Bayou Verret (Sellers Canal) Navigable Sector Gate, Sluice Gates, Levees & Floodwalls</p> <p>Owner: USACE New Orleans District 7400 Leake Avenue New Orleans, LA 70160</p> <p>Contact: Mr. Chris Dunn, PE Chief Engineer (504) 862-1799</p>	<p>A. Reconnaissance-Level Study for Hurricane Protection Alignments: A reconnaissance-level study for hurricane protection alignments, raised to the FEMA 100 year future case (2057) level of protection. The feasibility of interim protection was determined for the selected alternative which completed a western tie-in of the Westbank and Vicinity, Lake Cataouatche Hurricane Protection Project.</p> <p>*B1. WBV-72 Lake Cataouatche Hurricane Protection Levee: Design and Engineering During Construction of 12,450 LF of earthen levee, 2-concrete access bridges, a drainage feature in the Davis Pond Guide Levee, and a new drainage path for Jefferson Parish's pump station.</p> <p>*B2. WBV-74 Western Tie-In Closure Structure at Bayou Verret (Sellers Canal) Navigable Sector Gate, Sluice Gates, Levees & Floodwalls: Design and Engineering During Construction of a 56 ft. wide, navigable sector gate; by-pass channel; 450 LF of T-wall; 1700 LF of earthen levee, a 5 gate sluice gate structure and a permanent access road. N-Y also reviewed the O&M Manual, which was written by the USACE.</p> <div><p>* N-Y was the designer and professional engineer of record for this work as a subconsultant to another firm.</p></div>	
<div><div><p>B1. Access Road Bridge</p></div><div><p>B2. Sluice Gates</p></div></div>		
<div><div><p>B2. Navigable Sector Gate</p></div><div><p>B1. Access Road and Levee Aerial</p></div></div>		
Completion Date (Actual or Estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	\$50 million	100%

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.		
Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
N-Y has no on-going legal proceedings with Jefferson Parish.		
N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.		
SECTION N. TABLE OF CONTENTS I. EXECUTIVE SUMMARY II. EVALUATION CRITERIA 1. Professional Training And Experience 2. Past and Current Professional Accomplishments 3. Capacity for Timely Completion III. QUALITY ASSURANCE PROGRAM IV. THE N-Y ADVANTAGE		N-Y's recent extensive experience working with the Parish, the RPC and LADOTD has provided N-Y's transportation planners and engineers with in-depth knowledge of the planning, programming and environmental processes; design standards and project management requirements typical to this type of project.
		II. EVALUATION CRITERIA 1. Professional Training and Experience
I. EXECUTIVE SUMMARY <p>Although N-Y Associates, Inc. is sometimes mistaken for "New York", N-Y is actually a fifty-four (54) year-old family owned, multi-discipline firm founded and headquartered in Jefferson Parish. Offering extensive local experience, N-Y has been providing 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 environmental and transportation planners; civil, hydraulic, environmental and structural engineers; project managers; architects; construction inspectors and technical support personnel, each of whom offers extensive experience providing professional services throughout the Parish.</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.</p> <p>We have also been working with the Regional Planning Commission (RPC) for over 35 years and the Louisiana Department of Transportation and Development (LADOTD) for over 40 years, providing services for the following types of projects:</p> <ul style="list-style-type: none"> ▪ Stage 0: Feasibility Studies, Line & Grade Studies, Environmental Inventories and Corridor Studies ▪ Stage 1: Environmental Assessments and Environmental Impact Statements ▪ Land Use and Transportation Master Plans ▪ Construction Plans and Specifications 		<p>➤ Personnel</p> <p>N-Y possesses highly qualified & experienced personnel, who have the experience, educational background, and are licensed/certified to provide Miscellaneous Environmental Services in Jefferson Parish. The professional qualifications, integrity, reliability and commitment of our personnel has earned N-Y an excellent reputation among our clients.</p> <ul style="list-style-type: none"> ▪ Constantine F. Nicoladis, PE, will serve as Project Manager leading all Engineering tasks. A Vice President and Senior Civil & Environmental Engineer, he has thirty-six (36) years and is in responsible charge of the design and construction engineering of the firm's local civil / sitework including Parish roadway, drainage, water and wastewater work. Mr. Nicoladis has extensive experience with subsurface drainage improvements, drainage canals, box culverts, utilities relocations, water, wastewater and roadway reconstruction in Jefferson and Orleans Parishes, with project construction values from under \$5 million to over \$50 million. ▪ Bruce J. Richards, AICP, PTP, NGICP will serve as Deputy Project Manager leading the Environmental and Planning tasks. Mr. Richards, a Vice President of N-Y and its Director of Planning, has over thirty (30) years experience including the preparation of Stage 1 Environmental Assessments, Environmental Impact Statements, and Stage 0 Feasibility Studies. Components of these projects have included Environmental Site Assessments (ESAs), Risk Assessments, Wetlands Evaluation and Delineation, and Regulatory/ Permits Research in compliance with NEPA. Mr. Richards has been in responsible charge of the preparation of NEPA documents by N-Y since 1999. He has completed both NHI Course No. 142005, "National Environmental Policy Act (NEPA) and Transportation Decision Making" course and the course on Section 106 of the National Preservation Act Offered by the Advisory Council on Historic Preservation in 2002.

Mr. Nicoladis and Mr. Richards will lead a team of senior professionals with over thirty (30) years average experience including **James Simmons, PE; Fred Mortali, PE; William Haensel, PE, PLS; W. Tully Rhodes, PE; Patricia Claverie, EI, MS; and Dennis G. Voss, NICET.** Many of these professionals have been with N-Y over twenty-five (25) years. *Detailed experience of these personnel can be found under Section K on their respective resumes.*

➤ 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 have extensive experience working with N-Y and in Jefferson Parish.

- **Professional Service Industries, Inc. (PSI)** will provide **Environmental Site Assessments, Corrective Action Plans, HAZMAT and Brownfields Redevelopment.**
- **Gulf South Engineering and Testing, Inc.** will provide **Geotechnical Engineering Services.**
- **BFM Corporation, LLC** will provide **Topographic and Hydrographic Surveying Services.**

➤ Experience

In addition to the project experience outlined in Section L, N-Y also has the following relevant experience:

Bayou Segnette Complex Flood Protection: Navigable Sector Gate, Floodwalls, Levee, and Pump Station; Jefferson Parish, LA: Preparation of the Design Report, Plans and Specifications, and Engineering during Construction (*Alternate 2 below*) for replacing the existing flood protection system from Bayou Segnette Pumping Station to Westwego Pumping Station NO. 2 with new protection designed to the USACE Case 1-100 year level of protection. **The Study included: *Alternate 1*** which would follow the existing flood protection alignment (T-wall, I-walls on levee sections and full levee section alternatives were studied); **Alternate 2** which crosses Bayou Segnette with a



56' wide navigable sector gate (mitered and sector floodgate alternatives were studied) and continues southeast to the existing flood protection alignment using a combination of 1600 LF of concrete T-walls and 800 LF of earthen levees; and **Alternate 3** which would connect the existing and proposed floodwalls located just north of Westwego Pumping Station No. 2 (a new 5000 CFS drainage pumping station, a mitered or sector navigable floodgate & a combination earthen/floodwall closure were studied).

General Engineering Services IDIQ for the USACE, NOD – Task Order No. 4, Levee Periodic Inspection for the Angola and Simmesport Ring Levee Systems in West Feliciana Parish, LA: Performance of Levee Safety Periodic Inspections of the Angola Ring Levee and Simmesport Ring Levee Systems to verify proper operation and maintenance, evaluate operational adequacy and structural stability, review design criteria to identify changes in current design standards, identify features to monitor over time, and improve the ability to communicate the overall condition of the levee and associated drainage structures. The Field Inspection teams included four (4) registered Professional Engineers.

The Angola Ring Area Levee System is 12.1 miles long and includes a drainage structure and two pump stations (one electric and one diesel). The Simmesport Ring Area Levee System is 3.5 miles long and includes a drainage structure.



General Engineering Services IDIQ for the USACE, NOD – Task Order No. 5, Levee Periodic Inspection for the Caernarvon to Phoenix Polder Levee System in Plaquemines Parish, LA: Performance of Levee Safety Periodic Inspections of the Caernarvon to Phoenix Polder Levee System to verify proper operation and maintenance, evaluate operational adequacy and structural stability, review design criteria to identify changes in current design standards, identify features to monitor over time, and improve the ability to communicate the overall condition of the levee and associated drainage structures. The Field Inspection teams included four (4) registered Professional Engineers.



The Caernarvon to Phoenix Polder Levee System is 22 miles long and begins at the Caernarvon Diversion Structure.

Bayou Sauvage Master Plan and Environmental Impact Statement for the US Fish and Wildlife Service; New Orleans, LA: N-Y provided assistance with the preparation of a Master Plan for facility improvements and an **Environmental Impact Statement for a 23,000 acre National Wildlife Refuge in Eastern New Orleans.** The Master Plan contains concepts to guide further development and implementation of land use, recreation and resource management programs and associated facilities. The EIS was prepared in compliance with National Environmental Protection Act (NEPA) guidelines to document the existing natural environmental and socio-economic setting and to evaluate the impact of the master plan actions and alternatives analysis.



2. PAST & CURRENT PROFESSIONAL ACCOMPLISHMENTS

➤ 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 54 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.
- **Regional Planning Commission:** N-Y has been providing transportation planning and engineering for the RPC continuously for forty years. *Provided after this section is a Letter of Recommendation from Walter Brooks, former Executive Director of the Regional Planning Commission, attesting to the exceptional services provided by N-Y on recent projects.*
- **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 local 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
- Jefferson Parish Sheriff's Office
- City of Kenner
- St. Bernard Parish Government
- St. Bernard Port, Harbor and Terminal District
- St. Bernard Parish School Board
- St. Tammany Parish Government
- St. Tammany Parish School Board
- City of Slidell
- Plaquemines Parish Government
- City of New Orleans, Capital Projects Administration
- City of New Orleans, Department of Public Works
- Sewerage and Water Board of New Orleans
- New Orleans Aviation Board
- 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

3. CAPACITY FOR TIMELY COMPLETION

The N-Y Team has ample capacity of personnel, computer software and equipment to provide any anticipated tasks related to this contract in a timely, efficient and cost effective manner. 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.

III. QUALITY CONTROL/ASSURANCE PROGRAM

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

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

- During the initial phase of the Quality Control/ Assurance process, each team member is provided with the Scope of Work to become familiar with the job and formulate any questions or concerns that they may have. Next, the team gathers for a thorough review of the supplied Scope of Work. During this review process, the team collaborates to achieve a clear understanding of the Scope of Work in its entirety. This process takes place as an open forum in which members ask questions that they may have for clarification, with each member being able to contribute their own expertise. Questions that are unable to be answered collectively as a team are documented and compiled into a list for discussion with the Owner. This meeting clarifies and/or resolves any outstanding issues upfront.

- Next, we address the assurance of compliance with any government technical manuals or documents that govern or control design activities that will be performed. A review of each of these documents is carried out, ensuring that each is the most current version. Each element of work to be performed is reviewed for compliance with these documents.
- Project timelines are created to adequately assess each phase of the project. Each phase contains key milestones, as well as completion schedules to confirm that due dates are adhered to. By utilizing these project timelines, Quality Control/Assurance issues are resolved in an efficient and timely manner and not allowed to continue into subsequent phases of the project.
- At the start of the design process, the applicable disciplines and quality assurance reviews are planned. Manhours specifically dedicated to quality assurance reviews are allocated to the project budget. Adequate time is budgeted in the project schedule for the review process and any modifications that may be required. The Quality Control/Assurance Plan is reviewed and approved by the Project Manager. The work product and submittal items of all disciplines are then reviewed prior to each submittal by **Independent Technical Reviewers (ITR)** in each discipline who are not directly involved with the project. The Project Manager also checks and reviews final work products prior to submittals to the client.
- The Principal and the Project Manager receive management information system reports of project progress. Regularly scheduled staff meetings are held, in which projects are reviewed for conformance with predetermined completion schedules. If required, schedules and staffing are promptly adjusted to ensure deadlines are met without any sacrifice in quality.

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

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

IV. THE N-Y ADVANTAGE

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

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

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

Signature: _____

Print Name: Michael F. Nicoladis

Title: Senior Vice President

Date: 01/06/2023

N-Y LICENSE

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

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

License/Certificate Information w/ Supervision

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

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

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:

E	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.
V	VERY GOOD: Performance met contractual requirements and exceeded some (requirements). Any problems encountered resulted in corrective actions taken by the contractor which were effective.
S	SATISFACTORY: Performance met all minimum requirements. Any problems encountered resulted in corrective actions taken by the contractor which appear or were satisfactory.
M	MARGINAL: Contractor met contract requirements with minor government agency resource oversight or assistance. Performance appeared weak in meeting all minimum contractual requirements.
P	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.
N	NEUTRAL: Relevant past performance does not exist or information is not available. Offeror is not evaluated favorably or unfavorably.

PAST PERFORMANCE QUESTIONNAIRE

Contractor: N-Y Associates, Inc.

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

QUALITY OF WORKMANSHIP

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

Comments:

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
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- Did the contractor provide adequate, competent and qualified management, key personnel and technical personnel capable of meeting contract requirements throughout the performance period of the contract?

Comments:

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
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- How well did the contractor work independent of agency guidance, oversight and assistance?

Comments:

<input type="radio"/> E	<input checked="" type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
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- How effective was the contractor in meeting Cost/Price performance targets and controlling costs (i.e. changes, etc.)? Did they demonstrate reasonableness in modifications scope and costs?

Comments:

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

Comments:

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

- How reasonable and cooperative was the contractor during performance?

Comments:

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
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- How committed was the contractor to customer satisfaction?

Comments:

<input checked="" type="radio"/> E	<input type="radio"/> V	<input type="radio"/> S	<input type="radio"/> M	<input type="radio"/> P	<input type="radio"/> N
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TIMELINESS OF PERFORMANCE

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

Comments:

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

Comments:

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

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

Comments:

SAFETY RECORD

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

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

Comments: **NOT APPLICABLE**

- Did the contractor implement and follow their safety plan?

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

Comments: **NOT APPLICABLE**

- Did they run a "safe jobsite"?

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

Comments: **NOT APPLICABLE**

OVERALL PAST PERFORMANCE

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

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

Comments:

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

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

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

YES	NO
------------	----

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

Thank you for your assistance.

OFFICERS

PATRICIA BRISTER
St. Tammany Parish
Chairwoman
MICHAEL YENNI
Jefferson Parish
1st Vice Chairman
ROBBY MILLER
Tangipahoa Parish
2nd Vice Chairman
GUY McINNIS
St. Bernard Parish
3rd Vice Chairman
MITCHELL J. LANDRIEU
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DR. BONNIE LEWIS
MITCH WILLIAMS

**STATE OF LOUISIANA
DEPARTMENT
OF TRANSPORTATION
AND DEVELOPMENT**

SHAWN WILSON, Ph.D.
Secretary

WALTER R. BROOKS
Executive Director, RPC



REGIONAL PLANNING COMMISSION

JEFFERSON • ORLEANS • PLAQUEMINES • ST. BERNARD • ST. TAMMANY • TANGIPAHOA

January 27, 2016

To Whom it May Concern:

As Executive Director of the Regional Planning Commission for Jefferson, Orleans, Plaquemines, St. Bernard, St. Tammany and Tangipahoa Parishes (RPC), I would like to commend N-Y Associates, Inc. on their fine job on two projects; one that was recently completed and one that is currently underway.

The recently completed project is the **LA Highway 23 (Happy Jack to N. Port Sulphur) Stage 1 Environmental Assessment**. This project is key in upgrading the last two-lane stretch of Louisiana Highway 23 between the urbanized area of metro New Orleans on the north and the highway's southern terminus at Venice, LA. Completing this last link of the four lane highway will enhance economic development, roadway safety, and hurricane evacuation in Plaquemines Parish. N-Y Associates, Inc. was the lead consultant on the project and was responsible for all facets of the project: project management; coordination with local, state and federal agencies, conceptual engineering of the improved highway, environmental impact analysis, public outreach, and completion of an Environmental Assessment document, which was accepted by the Federal Highway Administration with a Finding of No Significant Impact. Throughout the project, N-Y did a superior job in all these facets of work. They showed a true commitment to the project by completing their tasks to a high level of quality and with a high degree of professionalism.

The project that is currently underway is the **US 51 (LA 22 to Club Deluxe Road) Stage 1 Environmental Assessment**. This project is exploring the improvement and possible widening of US 51 between the cities of Ponchatoula and Hammond, a highway which has seen an increasing amount of development and traffic along its length. **This is the first major project that the RPC has undertaken in Tangipahoa Parish since the Parish joined the Commission**, and we are pleased that N-Y Associates is the firm undertaking this project for the Parish and the Commission, as they have successfully completed numerous similar projects over the last fifteen years for both the RPC and LADOTD. Over the past year since the project began, N-Y has done a commendable job on the early tasks of the project, namely project management, coordination with local, state and federal agencies, impact analysis, and conceptual engineering of the improved highway.

N-Y Associates is a competent and capable firm with an outstanding ability to integrate the engineering and planning aspects of transportation projects into a unified whole. I highly recommend them for transportation planning or transportation engineering services.

Thanks,

Walter R. Brooks

Walter R. Brooks

Executive Director, Regional Planning Commission

TRANSPORTATION POLICY COMMITTEE (MPO) Full RPC Membership

IFTIKHAR AHMAD, Director, Louis Armstrong N. O. Intl. Airport
RYAN BROWN, Director, Transit Administration, Jefferson Parish
MIKE COOPER, Mayor, City of Covington
FREDDY DRENNAN, Mayor, City of Slidell
BOB ZABBIA, Mayor, City of Ponchatoula

Greater N. O. Expwy. Comm.
BRANDY CHRISTIAN, Chief Operating Officer, Port of New Orleans
CATHY F. GAUTREAUX, Ex. Dir. Louisiana Motor Transport Assoc.
SALVADOR LONGORIA, Chairman, Regional Transit Authority

JEFF DAVIS, Gen. Manager, NO Public Belt RR
NATALIE ROBOTOM, Parish President, St. John the Baptist
LARRY COCHRAN, Parish President, St. Charles Parish
DONALD VILLERE, Mayor, City of Mandeville



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,

A handwritten signature in blue ink that reads "Mark R. Drewes".

Mark R. Drewes, P.E.

Director

Department of Engineering

MRD/kc



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

3. PROFESSIONAL SERVICE INDUSTRIES, INC.

Subconsultant: Environmental Site Assessments, Corrective Action Plans, HAZMAT and Brownfields Redevelopment

TEC Professional Services Questionnaire



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 22-054 Miscellaneous Environmental Services for the Jefferson Parish
Department of Environmental Affairs

B. Firm Name & Address:

Professional Service Industries, Inc. (an Intertek company)
724 Central Avenue
Jefferson, Louisiana 70121

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:

Reda Bakeer, Chief Engineer
reda.bakeer@intertek.com
(504) 733-9411

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.

Reda Bakeer, Chief Engineer
reda.bakeer@intertek.com
(504) 733-9411

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

<u>4</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u>2</u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u>2</u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>2</u> Civil Engineers	<u> </u> Interior Designers	<u>2</u> Project Managers
<u> </u> Construction Inspectors	<u> </u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>1</u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>13</u> TOTAL

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.
N/A

2.

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

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

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

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

13 _____

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Robert White, CAC, REA

Project Assignment:

Regional Vice-President

Name of Firm with which associated:

Professional Service Industries, Inc. (an Intertek Company)

Years' experience with this Firm:

23

Education: Degree(s)/Year/Specialization:

B.S. in Safety Management, Cogswell College, 1985
B.S. in Safety & Fire Protection Engineering Technology, Cogswell College, 1983

Active registration: Year first registered/discipline:

Registered Environmental Assessor (REA) #05736, 1994
California Certified Asbestos Consultant, #931025, 1993

Other experience and qualifications relevant to the proposed Project:

Mr. White is responsible for the direction and technical quality of industrial hygiene, indoor air quality and environmental consulting. technical expertise is in safety and industrial hygiene with an emphasis on evaluating and remediating contamination present in commercial and industrial facilities. Technical experience have included: development of safety and health requirements for environmental geoscience programs; design of worker exposure programs; development of asbestos investigation; design and abatement programs; and design of indoor air quality assessment programs.

Mr. White is a recognized technical expert regarding the restoration and remediation of mold and moisture intrusion in buildings. He has extensive litigation support work for both plaintiffs and defendants including initial investigations, third party review, cost evaluations and development of restoration protocols. Mr. White has lectured at continuing education seminars related to mold and moisture intrusion for the Condominium Association Institute, Lorman Education and ITX Corporation.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jasmine Wilson
Project Assignment:
Environmental Scientist
Name of Firm with which associated:
Professional Service Industries, Inc. (an Intertek company)
Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
Juris Doctor, Environmental Law, Southern University Law Center, 2014 M.S. of Civil Engineering, Southern University, 2008 B.S. in Chemistry, Southern University, 2005
Active registration: Year first registered/discipline:
Louisiana licensed Lead-based Paint Assessor/Inspector Louisiana licensed Asbestos Contractor/Supervisor and Inspector Louisiana Water Treatment, Collection, and Distribution
Other experience and qualifications relevant to the proposed Project:
Ms. Wilson has approximately 14 years of experience in the environmental field as an environmental specialist, chemists and environmental tech. PSI Jasmine has extensive experience in environmental compliance, agency interaction and planning, performing and directing wastewater and groundwater monitoring programs, for governmental, commercial and industrial clients. Ms. Wilson also has a vast understanding and experience of legal requirements and sample protocol for environmental litigation from her work on the Deep Horizon Project.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Thomas George
Project Assignment:
Project Geologist
Name of Firm with which associated:
Professional Service Industries, Inc. (an Intertek company)
Years' experience with this Firm:
7
Education: Degree(s)/Year/Specialization:
B.S. in Geology, Louisiana State University, 1980 M.S. Business Administration, University of New Orleans, 1987
Active registration: Year first registered/discipline:
Louisiana Asbestos Inspector, #51112486 Professional Geologist, Mississippi, #0530, 1999
Other experience and qualifications relevant to the proposed Project:
Mr. George is a Project Manager with over 32 years of professional experience in environmental consulting. His environmental project experience has included Phase I and Phase II ESAs, Remediation projects, UST removals, Lead-Based Paint Inspections, Asbestos Inspections, Indoor Air Quality Assessments, and various Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) remediation projects at industrial and commercial properties. Mr. George's responsibilities have included proposal preparation, project planning and management, project field coordination, interaction with regulatory agencies, data interpretation, and report preparation.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Michael Rothenburg, P.E., CIH, FLAC, WELL AP
Project Assignment:
Industrial Hygienist
Name of Firm with which associated:
Professional Service Industries, Inc. (an Intertek company)
Years' experience with this Firm:
8
Education: Degree(s)/Year/Specialization:
M.S. Finance, 1983 B.S. Environmental Engineering, 1979
Active registration: Year first registered/discipline:
Professional Engineer, Florida WELL AP Certified, 2016 Licensed Asbestos Consultant, Florida
Other experience and qualifications relevant to the proposed Project:
Mr. Rothenburg P. E. has over 30 years of experience in the environmental and civil engineering industry. Mr. Rothenburg has served as a Senior Project Manager for a wide variety of assessment and remedial projects involving numerous environmental media, as well as significant Indoor Air Quality investigations and abatement projects. He has served as a corporate and divisional level senior manager with a background in project development and operations management, along with construction, civil engineering, environmental assessment, due diligence, environmental engineering, and natural resource management.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Greg Chambliss, RPIH, LEED, AP
Project Assignment:
Project Specialist
Name of Firm with which associated:
Professional Service Industries, Inc. (an Intertek company)
Years' experience with this Firm:
14
Education: Degree(s)/Year/Specialization:
B.S. Occupational Safety and Health (Emphasis in Industrial Hygiene), 1987
Active registration: Year first registered/discipline:
Certified Indoor Environmentalist, 2001 Asbestos Air Sampling Professional, 1996 Asbestos Project Designer, 1991 Asbestos Inspector, #5924, AHERA, 1988
Other experience and qualifications relevant to the proposed Project:
Mr. Chambliss has twenty years of experience in the consulting industry involving nearly all facets of industrial hygiene services. His experience includes building surveys, abatement design, contract document preparation, project oversight, and air monitoring for asbestos and indoor air quality projects. Mr. Chambliss has been involved with Phase I environmental site assessments (ESAs), indoor air quality investigations, and safety and hazard communication program development. He has also provided training instruction under AHERA, State of Missouri and State of Illinois requirements for asbestos inspections, management plans and in the proper handling of asbestos materials. Currently, Mr. Chambliss is responsible for technical overview and development of Environmental/IH services, technical training and development of personnel.

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>Neighborhood Landlord, Multifamily Restoration, Baton Rouge Rebuilds - Developers Programs</p> <p>Louisiana Housing Corporation via CSRS, Inc. 6767 Perkins Road, Suite 200 Baton Rouge, LA 70808 Contact Person: Ms. Nikki Black (225) 761-3610 nikki.black@csrsinc.com</p>	<p>The Louisiana Housing Corporation's Disaster Recovery Grant Program was implemented to restore viable residential rental properties to the areas impacted by the March and August 2016 floods. As a subcontractor to CSRS, Inc., PSI has assessed the environmental impacts of renovation/ construction and existing environmental conditions on project sites in accordance with Housing and Urban Development (HUD) and the National Environmental Policy Act (NEPA). This has included, but is not limited to, the coordination and performance of lead-based paint inspections, asbestos surveys, environmental assessments, and associated reporting on approximately 100 multi-family properties to date.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$400,000	\$400,000

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Restore Louisiana Homeowner Assistance Program</p> <p>Louisiana Housing Corporation via AIMS Group</p> <p>4421 Zenith Street Metairie, LA 70001</p> <p>Kirk Juneau (504) 3657</p>	<p>PSI provided services in support of the program evaluating single-family homes for Lead-based paint hazards. Louisiana DEQ Accredited Risk Assessors performed Lead Evaluations on each assigned property based on visual assessments, Lead-based Paint inspections and risk Assessments and Post-Hazard Mitigation (abatement and/or non-abatement) clearance. Evaluations were performed following established regulatory requirements and documented methodologies. Primarily Lead-based Paint inspections were performed by LADEQ accredited Risk Assessors using physical testing that included HUD approved XRF Analyzers and samples collected for laboratory lead content testing.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	\$504,932	\$504,932

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
United States Postal Service (Louisiana) C/O Louis Berger, Inc. a WSP company	Intertek-PSI has been providing consulting services to Louis Berger in support of their USPS Contract for Emergency Preparedness, Response and Recovery Services (EPRRS) since 2013. To date, the following locations in Louisiana have been evaluated for hazardous materials and health, safety and general building damage issues: Tangipahoa Main Post Office (Tangipahoa, LA) in Jan 2019 and Pioneer Main Post Office (Pioneer, LA) in October 2020. Services provided under this contract include indoor air quality (IAQ) investigations for the USPS on an as-needed basis at various postal facilities nationally, inspections, and testing for contaminants such as mold, bacteria, volatile organic compounds (VOCs), airborne particulates, formaldehyde, carbon monoxide, and the comfort parameters of carbon dioxide, temperature and relative humidity, polarized light microscopy (PLM) asbestos analysis, lead-paint testing on site via x-ray fluorescence (XRF), and report preparation. PSI also performs labeling of identified asbestos-containing materials (ACMs) at the facilities. Abatement monitoring for asbestos, lead-paint, and mold during renovation activities.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	\$500,000 to date	\$500,000 to date

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Louisiana Housing Corporation Restore Louisiana - Various Locations, LA Louisiana Housing Corporation 2415 Quail Drive Baton Rouge, LA 70808	PSI was under contract to provided qualified inspectors to conduct full lead risk assessment for an estimated 375 properties within the Small Rental Property Program (SRPP). When the assessments have a positive result we evaluate the work performed due to evidence of lead to ensure the property was abated according to the findings. In the event the property still presents evidence of lead our inspectors test until all hazards have been rectified. The lead based inspection is being conducted using the procedures dictated by La. Admin. Code Title 33 Part III § 2811 et seq. and in accordance with HUD Guidelines. Based on the building painting condition and test results, our Risk Assessors determine the potential lead based hazards associated with the dwelling through use of the XRF Survey, lead dust sampling, and lead soil sampling.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$48,000	\$48,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Jefferson Community Action Programs JEFFCAP Phase I Environmental Site Assessments</p> <p>Jefferson Parish 1221 Elmwood Park Blvd., Suite 402 Jefferson, LA 70123 krusso@jeffparish.net</p>	<p>PSI conducted Phase I Environmental Site (ESAs) at six (6) properties located within Jefferson Parish. The six subject properties consisted of Community Centers with associated parking areas. The PSI scope of services for each location generally included regulatory records reviews, historical records reviews, site reconnaissance, interviews, vapor encroachment screen (VES) in general accordance with ASTM E2600-15 and preparation of a written report. Additionally, PSI performed a visual inventory of suspect Asbestos-Containing Material (ACM) and Lead-Based Paint (LBP) in each building. PSI provided an EAP Accredited Asbestos Inspector licensed and certified in the State of Louisiana.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$15,900	\$15,900

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Air Monitoring Services for Terrebonne Parish School District, Terrebonne Parish, LA</p> <p>Terrebonne Parish School District 201 Stadium Drive Houma, LA 70360 (985) 876-7400</p> <p>Ritter Consulting Engineers, Ltd. 2014 W. Pinhook Rd., Suite 200 Lafayette, LA 70503 (337) 984-8498</p>	<p>PSI performed Air Monitoring services at several locations in Terrebonne Parish. The provided services including air monitoring, background air sampling prior to abatement to establish pre-abatement airborne fiber levels, perimeter air samples during asbestos removal activities to document that containment and engineering controls are effective in controlling contaminants to within designated work areas, field observations, pre and post abatement observations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$37,951	\$37,951

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Remediation Planning Services Leachate Aeration Pond Jefferson Parish, Louisiana Jefferson Parish Dept of Environmental Affairs 4901 Jefferson Hwy, Suite E Jefferson, LA 70121 (504) 731-0152	PSI prepared a Remedial Action Plan for submittal to the Louisiana Dept of Environmental Quality (LDEQ) to repair a leak in a geomembrane liner found in the Jefferson Parish Sanitary Landfill Leachate Aeration Pond. This leak resulted in a bubble of water between the geomembrane liner and the underlying compacted clay liner. PSI's Action plan included steps for by-passing the pond, draining the leachate and contaminated soil, repairing the clay liner, and restoring the pond to service. PSI is also currently providing inspection services during the repair process.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	Unknown	\$29,620

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Phase II ESA, Soil Corrective Action Plan, and Soil Reuse Plan Avery Alexander School 5800 St. Roch Avenue New Orleans, Orleans Parish, LA Recovery School District c/o Jacobs-CSRS 909 Poydras Street - Suite 1200 New Orleans, LA Jonathon Perett (504) 592-0157	PSI prepared a Phase II ESA on the subject property and determined that shallow surface soils were impacted by elevated levels of lead. PSI prepared a horizontal and vertical delineation plan and subsequent Corrective Action Plan (CAP). PSI provided oversight of the excavation and disposal of the impacted soils and provided confirmatory sampling. Following implementation of the CAP, PSI prepared a Soil Reuse Plan for soils on the subject property.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016	\$64,885	\$64,885

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Sewer Main Soil Screening and Disposal Sampling Services S&WB Contract #30245 Sewer Rehabilitation No. 3</p> <p>Sewerage and Water Board of New Orleans 8800 S. Claiborne Avenue New Orleans, Louisiana 70118 Mr. Corwin Washington cwwashington3@swbno.org</p>	<p>PSI provided services for the identification and disposal of potentially contaminated soils that will be excavated during sewer line upgrades in several areas addressed in Sewerage and Water Board Contract 30245 Sewer Rehabilitation No. 3. PSI performed soil and testing and identification services for the disposal of the excavated soils encountered during the sewer line replacement in areas with a strong kerosene-like odor and a sheen was observed at the bottom of the excavation trench. PSI investigated potentially contaminated soils ahead of excavation activities utilizing a direct-push sampling rig. Collected soil samples, with odors were identified and characterized as hazardous or non-hazardous prior to disposal at a landfill.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	Unknown	\$10,290

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Due Diligence Environmental Services for Proposed South Kenner Drainage Improvement Kenner, LA</p> <p>Jefferson Parish C/O Linfield, Hunter & Junius, Inc. 3608 18th Street, Suite 200 Metairie, Louisiana 70002 (504) 833-5300</p> <p>Robert Nockton, P.E. rnockton@lhjunius.com</p>	<p>PSI completed an Environmental Assessment (EA) for the South Kenner Drainage Improvements project. The project consisted of the installation of new subsurface drainage from Williams Boulevard to Kenner Avenue and widening of the existing ditch along the former Duncan Street from Kenner Avenue to an old railroad embankment south of Airline Drive. An area totaling 18.9 acres. PSI provided regulatory records review, historical records review, site reconnaissance, vapor encroachment screen (VES) in accordance with ASTM E2600-15 and prepared a written report.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	Unknown	\$8,249

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.

The environmental group at PSI has perfected a program geared towards providing clients with an array of Professional Consulting Services and we are excited to team with N-Y and Associates to provide the services needed to fulfill the scope of work for Jefferson Parish. Our primary goal is to provide solutions to complex needs in an efficient and timely manner. PSI's technical and project management staff is comprised of environmental professionals, field technicians, and administrative staff. This gives PSI the ability to respond with personnel to suit a specific site assessment or monitoring situation. PSI also maintains its own environmental drill rig and drilling personnel to allow for expeditious mobilization and cost minimization. PSI's Professional Consultant Program ensures that all technical documents are reviewed for accuracy before they are submitted to the client. PSI's staff has demonstrable experience not only in the immediate New Orleans Metro area and LouisianaWell, but also nationwide.

On a national basis, we provide over 5,000 Phase I ESAs annually. PSI's services described herein have been provided to numerous local, state and federal government agencies, including NEPA, FEMA, HUD, Louisiana DNR, LADOTD, the LDEQ allowing us to facilitate any regulatory issues or determinations that may arise.

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

Signature:  Print Name: Reda Bakeer, P.E.

Title: Chief Engineer Date: December 30, 2022

PSI LICENSE

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

Name:	Public Address:
Professional Service Industries, Inc.	545 East Algonquin Road Arlington Heights, Illinois 60005

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001219	Active	06/07/1985	09/30/2023	Mr. Reda Mohamed Aly Bakeer # PE.0027123

4. GULF SOUTH ENGINEERING AND TESTING, INC.

Subconsultant: Geotechnical Engineering

TEC Professional Services Questionnaire



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Miscellaneous Environmental Services

SOQ 22-054 | Resolution No. 140859

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:

7	Administrative	-	Geologists	1	Graduate Engineers
-	Architects (Licensed)	2	Geotechnical Engineers	-	Project Managers
-	Chemical Engineers	-	Interior Designers	-	Clerical (<i>see Administrative</i>)
-	Civil Engineers	-	Landscape Architects	-	Grant/Funding Specialist
13	Construction Inspectors	-	Land Surveyor (<i>*see PLS</i>)	-	Sanitary Engineers
-	Ecologists	-	Mechanical Engineers	1	Construction Svcs Managers
-	Electrical Engineers	-	Environmental Engineers	1	CMT Supervisors
-	Engineer Intern	-	Specification Writers	2	CMT Project Managers
1	Professional Land Surveyors	-	Structural Engineers	1	Field Engineer
-	Estimators			2	Laboratory Manager
				3	Laboratory Technician
				1	Soil Boring Driller
				1	Soil Boring Driller Apprentice
				36*	TOTAL

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

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

TEC Professional Services Questionnaire

G. If submittal is by 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:

36 (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:



ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

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)

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

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

Drainage Improvements, Citrus Road & Greg Court, Metairie, Jefferson Parish, LA. Geotechnical investigation for drainage improvements (2000 lf) along Citrus Road & Greg Court (to Jefferson Highway) in Metairie, LA. Gulf South's scope includes pavement coring and drilling five undisturbed soil borings each to 20 feet below ground surface, lab testing, and engineering analyses (including allowable soil bearing values, bedding and backfill recommendations), estimates of settlement, pavement design recommendations, and general construction recommendations. (\$8,500 (fee); 2017)

Bike Path Soil Borings, Jefferson Highway to Northline Street, Jefferson Parish, LA. Geotechnical investigation for construction of new bike path in Jefferson Parish, from Jefferson Highway to Northline Street, in Jefferson Parish, LA. The bike path included an elevated bridge over the KCS Railroad and Airline Highway. Gulf South's scope includes drilling two undisturbed soil borings (depths of 100 ft.), lab testing, and engineering analyses including allowable pile load capacities, site soil classification, and general construction procedures and recommendations. (\$28,000 (fee); 2018)

Proposed Estuary Mitigation Bank (EMB) GIWW - Deadend Canal, Vendome Canal, Hockey Stick Canal, Crown Point, Jefferson Parish, LA. Geotechnical investigation for construction of a new wetland restoration project near Crown Point, LA. Gulf South's scope includes drilling nine soil borings to depths of 15 and 40 feet in water and marsh, lab testing (including settlement column test), and geotechnical engineering analysis including estimates of settlement, time rate of settlement, borrow/fill ratios, and general construction recommendations. (\$26,500 (fee); 2016)

Soniat Canal Stabilization, Harahan, Jefferson Parish, LA. Geotechnical engineering services for the construction of the stabilization of the east bank of Soniat Canal (approx. 1,700 lf). Scope included drilling three undisturbed soil borings to depths of 50 ft. bgs, laboratory testing, engineering analyses (slope stability analysis) and general construction procedures and recommendations. (\$10,000 (fee); 2020)

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.

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

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

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

New Charter School, Behrman Highway, Terrytown, Jefferson Parish, LA. Project consisted of the construction of a new school in Terrytown, LA. Gulf South provided field and laboratory inspection and testing of materials during construction (CMT). Our scope of services included performing: a pile load test, pile plant inspection, pile monitoring during installation, vibration monitoring, concrete testing and inspection, asphalt testing and inspection, earthwork testing and inspection including field density tests, welding inspection, and steel inspection. (\$50,000 (fee); 2018)

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

Bike Path Soil Borings, Jefferson Highway to Northline Street, Jefferson Parish, LA. Geotechnical investigation for construction of new bike path in Jefferson Parish, from Jefferson Highway to Northline Street, in Jefferson Parish, LA. The bike path included an elevated bridge over the KCS Railroad and Airline Highway. Gulf South's scope includes drilling two undisturbed soil borings (depths of 100 ft.), lab testing, and engineering analyses including allowable pile load capacities, site soil classification, and general construction procedures and recommendations. (\$28,000 (fee); 2018)

Bike Path Soil Borings, Jefferson Highway to Northline Street, Jefferson Parish, LA. Geotechnical investigation for construction of new bike path in Jefferson Parish, from Jefferson Highway to Northline Street, in Jefferson Parish, LA. The bike path included an elevated bridge over the KCS Railroad and Airline Highway. Gulf South's scope includes drilling two undisturbed soil borings (depths of 100 ft.), lab testing, and engineering analyses including allowable pile load capacities, site soil classification, and general construction procedures and recommendations. (\$28,000 (fee); 2018)

Proposed Estuary Mitigation Bank (EMB) GIWW - Deadend Canal, Vendome Canal, Hockey Stick Canal, Crown Point, Jefferson Parish, LA. Geotechnical investigation for construction of a new wetland restoration project near Crown Point, LA. Gulf South's scope includes drilling nine soil borings to depths of 15 and 40 feet in water and marsh, lab testing (including settlement column test), and geotechnical engineering analysis including estimates of settlement, time rate of settlement, borrow/fill ratios, and general construction recommendations. (\$26,500 (fee); 2016)

Snakefarm Entergy Substation (David Drive), Kenner, Jefferson Parish, LA. Geotechnical investigation for construction of new T-Line off David Drive in Kenner, LA. Gulf South's scope includes drilling four 70 ft. undisturbed soil borings, lab testing, and engineering analyses including allowable soil bearing values, allowable piles/shaft load capacities, estimates of settlement, soil resistivity values, lateral earth pressures, modulus of subgrade reaction, soil to concrete friction factor, pile design parameters, and general construction procedures and recommendations. (\$24,000 (fee); 2018)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Joseph H. "Trey" Binder, III
Laboratory Manager

Project Assignment:

Laboratory Manager; Laboratory Technician

Name of Firm with which associated:



ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years experience with this Firm:

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

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

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Joseph H. Binder, III (continued)

Drainage Improvements, Citrus Road & Greg Court, Metairie, Jefferson Parish, LA. Geotechnical investigation for drainage improvements (2000 lf) along Citrus Road & Greg Court (to Jefferson Highway) in Metairie, LA. Gulf South's scope includes pavement coring and drilling five undisturbed soil borings each to 20 feet below ground surface, lab testing, and engineering analyses (including allowable soil bearing values, bedding and backfill recommendations), estimates of settlement, pavement design recommendations, and general construction recommendations. (\$8,500 (fee); 2017)

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

Soniat Canal Stabilization, Harahan, Jefferson Parish, LA. Geotechnical engineering services for the construction of the stabilization of the east bank of Soniat Canal (approx. 1,700 lf). Scope included drilling three undisturbed soil borings to depths of 50 ft. bgs, laboratory testing, engineering analyses (slope stability analysis) and general construction procedures and recommendations. (\$10,000 (fee); 2020)

Proposed Estuary Mitigation Bank (EMB) GIWW - Deadend Canal, Vendome Canal, Hockey Stick Canal, Crown Point, Jefferson Parish, LA. Geotechnical investigation for construction of a new wetland restoration project near Crown Point, LA. Gulf South's scope includes drilling nine soil borings to depths of 15 and 40 feet in water and marsh, lab testing (including settlement column test), and geotechnical engineering analysis including estimates of settlement, time rate of settlement, borrow/fill ratios, and general construction recommendations. (\$26,500 (fee); 2016)

Bike Path Soil Borings, Jefferson Highway to Northline Street, Jefferson Parish, LA. Geotechnical investigation for construction of new bike path in Jefferson Parish, from Jefferson Highway to Northline Street, in Jefferson Parish, LA. The bike path included an elevated bridge over the KCS Railroad and Airline Highway. Gulf South's scope includes drilling two undisturbed soil borings (depths of 100 ft.), lab testing, and engineering analyses including allowable pile load capacities, site soil classification, and general construction procedures and recommendations. (\$28,000 (fee); 2018)

Harvey Volunteer Fire Department New Truck Maintenance Facility (Rochelle Avenue), Harvey, Jefferson Parish, LA. Gulf South provided geotechnical engineering services for the construction of a new truck maintenance facility for the Harvey Volunteer Fire Department on Rochelle Avenue in Harvey, LA. The scope of services includes drilling six undisturbed soil borings (depths of 60 feet and 6 feet below ground surface), laboratory testing, engineering analyses (foundation, paving, fill, and surcharge recommendations) and general construction procedures and recommendations. (\$9,500 (fee); 2021)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Bryson S. Beard, E.I.

Associate Geotechnical Engineer/Field Engineer

Project Assignment:

Associate Geotechnical Engineer/Field Engineer

Name of Firm with which associated:



ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years experience with this Firm:

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)

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

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

Pump Station 45 Upgrades (Clark Street), East Baton Rouge Parish, LA. Geotechnical investigation regarding the construction of a new pump station and a new 5 MG tank (with the option to build a second tank) at the existing PS 45 site along Clark Street in Baton Rouge, LA. Scope of services included drilling 11 undisturbed soil borings to depths of 80 to 120 ft. below the ground surface. Geotechnical laboratory testing were performed to ASTM standards and include strength test (unconfined and/or triaxial), classification tests (Atterberg Limits and/or particle size), consolidation tests, and others as appropriate. Geotechnical engineering analyses included allowable soil bearing values, shaft/pile load capacities, estimates of settlements, sludge loading analyses, and general construction procedures and recommendations. (\$68,000 (fee); ongoing)

Northshore Living Shoreline Protection, Lake Pontchartrain, St. Tammany Parish, LA. Geotechnical engineering services for shore protection along the northshore of Lake Pontchartrain coastline in two areas by constructing rock dikes in St. Tammany Parish, LA. Gulf South's scope includes drilling 16 borings each to a depth of 30 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. Gulf South provided recommendations for allowable soil bearing values, estimates of settlement, slope stability analyses, time rate of settlement, and strength gain estimates. (\$65,000 (fee); ongoing)

Brewster Road/LA 1077 Drainage Improvements, Madisonville, St. Tammany Parish, LA. Geotechnical engineering services for drainage improvements at the existing parish canal off LA-1077 and Galatas Road in Madisonville, St. Tammany Parish, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 20 feet (2 locations) and 30 feet (3 locations) below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$20,000 (fee); ongoing)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Ian Kerner Poché
Assistant Laboratory Supervisor

Project Assignment:

Assistant Laboratory Supervisor

Name of Firm with which associated:



ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

Other experience and qualifications relevant to the proposed Project:

Ian Poché has worked in Gulf South's laboratory for several years and has experience with virtually every type of soil test. He has also helped when needed in the CMT department and has concrete testing experience.

New Building and Paved Areas, Jefferson Parish Transit Facility, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new building located at 118 David Drive in Kenner, LA. Gulf South's scope includes drilling four undisturbed soil borings (depths of 60 and 10 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$8,900 (fee); 2020)

Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Department, Bridge City, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement. Scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$6,000 (fee); 2020)

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Evan O. Poché
Engineering Technician

Project Assignment:

Engineering Technician

Name of Firm with which associated:

ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years experience with this Firm:

6 years with this firm (2016); 6 years total (2016)

Education: Degree(s)/Year/Specialization:

B.A., Political Science (2021; Millsaps College)
Degree Program, Criminal Justice (2016 - 2019; Mississippi College)
High School Diploma (2016; Jesuit HS; Cum Laude with Honors)

Active registration: Year first registered/discipline:**Other experience and qualifications relevant to the proposed Project:**

Since joining Gulf South, Evan Poché has served as an engineering technician with the soil boring drill crew, within the soils' laboratory, and on construction projects as needed. His duties and responsibilities have included leading a drill crew, staking boring sites, supervising clearing contractors, data entry, testing soil for engineering properties of strength and classification, soil boring logging, vibration monitoring, and concrete testing and inspection. Laboratory tests performed include unconfined shear tests, moisture content tests, density tests, Atterberg limits tests, grain size sieve analyses, organic content tests and concrete strength breaks.

Geotechnical Exploration Proposal for the Lafreniere Park Healthtrack, Metairie, Jefferson Parish, LA.
Gulf South was selected to provide a Geotechnical Exploration for the project site which consists of the reconstruction of the existing exercise walkway and the addition of approximately 1,000 feet of new walkway at Lafreniere Park in Metairie, LA. The existing walkway is approximately 2.5 miles long and will consist of the removal and reconstruction of the pavement and base using an asphalt paved section. The new section will consist of a concrete paved walkway. Gulf South's scope of work includes subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon outlined project requirements. (\$12,000 (fee); 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:	
Geotechnical Exploration Proposal for the Lafreniere Park Healthtrack , Metairie, Jefferson Parish, Louisiana Jefferson Parish c/o T. Baker Smith 740 Phosphor Ave Ste B Metairie LA 70005 Brian Moldaner, P.E. , 504-323-3460 brian.moldaner@tbsmith.com		Gulf South was selected to provide a Geotechnical Exploration for the project site which consists of the reconstruction of the existing exercise walkway and the addition of approximately 1,000 feet of new walkway at Lafreniere Park in Metairie, LA. The existing walkway is approximately 2.5 miles long and will consist of the removal and reconstruction of the pavement and base using an asphalt paved section. The new section will consist of a concrete paved walkway. Gulf South's scope of work includes subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon outlined project requirements.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
ongoing		N/A	\$12,000 (fee)

PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
Mississippi River Discharge Pump Station , River Ridge, Jefferson Parish, Louisiana Jefferson Parish c/o ECM Consultants, Inc. 1301 Clearview Parkway Suite 200 Metairie LA 70001 Susina Shrestha, P.E. , 504-885-4080 sshrestha@ecmconsultants.com		Gulf South provided geotechnical engineering services for the construction of a new pump station and force main discharge pipeline between Coventry Court and Lee Court in River Ridge. Scope includes drilling four undisturbed soil borings (one at 100 ft., one at 80 ft., and two at 30 ft.; all below ground surface), laboratory testing, engineering analyses (soil bearing values, pile load capacities, settlement estimates, retaining structure recommendations, slope stability analyses) and general construction procedures and recommendations. Pump station was located on flood side of the Mississippi River levee with discharge pipes crossing the levee to the protected side.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
ongoing		N/A	\$35,000 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Drainage Improvements, Citrus Road & Greg Court, Metairie, Jefferson Parish, Louisiana</p> <p>Jefferson Parish c/o Buchart Horn 18163 E Petroleum Drive, Suite A Baton Rouge LA 70809</p> <p>Alan Krouse, P.E., 225-308-2009 akrouse@bucharthorn.com</p>	<p>Geotechnical investigation for drainage improvements (2000 lf) along Citrus Road & Greg Court (to Jefferson Highway) in Metairie, LA. Gulf South's scope includes pavement coring and drilling five undisturbed soil borings each to 20 feet below ground surface, lab testing, and engineering analyses (including allowable soil bearing values, bedding and backfill recommendations), estimates of settlement, pavement design recommendations, and general construction recommendations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017 May	N/A	\$8,500 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Bike Path Soil Borings, Jefferson Highway to Northline Street, Jefferson Parish, Louisiana</p> <p>Jefferson Parish c/o Linfield, Hunter & Junius, Inc. 3608 18th Street Metairie LA 70002</p> <p>Mark Annino, 504-833-5300 mark@lhjunius.com</p>	<p>Geotechnical investigation for construction of new bike path in Jefferson Parish, from Jefferson Highway to Northline Street, in Jefferson Parish, LA. The bike path included an elevated bridge over the KCS Railroad and Airline Highway. Gulf South's scope includes drilling two undisturbed soil borings (depths of 100 ft.), lab testing, and engineering analyses including allowable pile load capacities, site soil classification, and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 June	N/A	\$28,000 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Proposed Estuary Mitigation Bank (EMB) GIWW - Deadend Canal, Vendome Canal, Hockey Stick Canal, Crown Point, Jefferson Parish, Louisiana</p> <p>The Natural Resources Investment Group, LLC 3801 Woodland Heights Road, Suite 110 Little Rock AR 72217</p> <p>Robert Stainton III, PE, 501-716-2884 robert@tnrig.com</p>	<p>Geotechnical investigation for construction of a new wetland restoration project near Crown Point, LA. Gulf South's scope includes drilling nine soil borings to depths of 15 and 40 feet in water and marsh, lab testing (including settlement column test), and geotechnical engineering analysis including estimates of settlement, time rate of settlement, borrow/fill ratios, and general construction recommendations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016 October	N/A	\$26,500 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Laketown Boat Launch Improvements - New Rock Jetty, South Shore Lake Pontchartrain, City of Kenner, Jefferson Parish, Louisiana</p> <p>Jefferson Parish 1221 Elmwood Park Blvd Ste 310 Jefferson LA 70123</p> <p>Michelle Gonzales, CFM, 504-736-6653 mgonzales@jeffparish.net</p>	<p>Geotechnical engineering services for the construction of a rock jetty dike and boat launch protection along the Lake Pontchartrain shoreline at the Laketown Boat Launch in Kenner. Gulf South's scope includes drilling undisturbed soil borings (two at 50 ft bgs), laboratory testing, engineering analyses and general construction procedures and recommendations. One boring was drilled within Lake Pontchartrain (using barge-mounted drilling equipment) and one boring was drilled on land.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 January	N/A	\$21,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Bucktown Harbor New Dock and Bulkhead , Metairie, Jefferson Parish, Louisiana MSMM Engineering, LLC 4508 Clearview Parkway Suite 200 Metairie LA 70006 James Wison, P.E. , 504-570-6098 jwilson@msmmeng.com	Geotechnical engineering services for construction of a new dock and bulkhead at Jefferson Parish's Bucktown Harbor in Metairie, LA. Gulf South's scope includes drilling one boring to a depth of 50 feet below the ground surface and one boring in Lake Pontchartrain to a depth of 50 feet below mudline, laboratory testing, engineering analyses (allowable pile load capacities, slope stability, sheetpile wall analyses), and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022 June	N/A	\$10,500 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Soniat Canal Stabilization , Harahan, Jefferson Parish, Louisiana Jefferson Parish c/o Shread-Kuyrkendall & Assoc., Inc. 104 Campus Drive East, Suite 102 Destrehan LA 70047 Steven Breeding , 985-764-4060 sbreeding@skaengr.com	Geotechnical engineering services for the construction of the stabilization of the east bank of Soniat Canal for approximately 1,700 linear feet in Harahan, LA. Gulf South's scope includes drilling three undisturbed soil borings to depths of 50 feet below the ground surface, laboratory testing, engineering analyses (slope stability analysis) and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 May	N/A	\$10,000 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Harvey Volunteer Fire Department New Truck Maintenance Facility (Rochelle Avenue), Harvey, Jefferson Parish, Louisiana N-Y Associates, Inc. 2750 Lake Villa Drive Metairie LA 70002 Michael G. Buisson, Jr., AIA, NCARB, LEED AP 504-885-0500 mbuisson@n-yassociates.com	Gulf South provided geotechnical engineering services for the construction of a new truck maintenance facility for the Harvey Volunteer Fire Department on Rochelle Avenue in Harvey, LA. The scope of services includes drilling six undisturbed soil borings (depths of 60 feet and 6 feet below ground surface), laboratory testing, engineering analyses (foundation, paving, fill, and surcharge recommendations) and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 June	N/A	\$9,500 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Metairie Lawn and Ridgelake Drive Roadway & Utility Project, Metairie, Jefferson Parish, Louisiana Ardurra Group, Inc. 3012 26th Street Metairie LA 70002 Joe Becker, P.E., 504-454-3866 jbecker@ardurra.com	Geotechnical engineering services for construction of a new roadway paving and below grade drainage pipeline in Metairie, LA. Gulf South's scope includes drilling five (5) auger borings to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 June	N/A	\$8,500 (fee)

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. 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.



PROFESSIONAL TRAINING AND RELEVANT PROJECT 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*
- *Soil testing (field and laboratory)*
- *Asphalt testing*

TEC Professional Services Questionnaire

N. continued.

- *Pile (driven & augercast) and shaft installation monitoring*
- *Load tests*
- *Earthwork/proof roll inspection*
- *Welding inspection*
- *Steel inspection*
- *Noise monitoring*
- *Prepare daily field reports and/or field books*
- *Maintain records per the client's directive*

We have provided construction testing 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.

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 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.

At over 30 employees, Gulf South has the appropriate number of employees and personnel for this project. We will complete our scope of services on time and within budget. Further said, Gulf South 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.

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:

- *Mississippi River Discharge Pump Station, River Ridge, Jefferson Parish, LA*
- *St. Peter's Ditch – Phase IV (Pump Station at Clearview), Metairie, Jefferson Parish, LA*
- *N. Sibley Pump Station Improvements, Metairie, Jefferson Parish, LA*
- *Lake Cataouatche Pump Station, Avondale, Jefferson Parish, LA*
- *Lake Cataouatche Drainage Pump Station Replacement (Chighizola Lane), Grand Isle, Jefferson Parish, LA*
- *Parish Line Drainage Pump Station Improvements – Phase I, City of Kenner, Jefferson Parish, LA*
- *Westwego Pump Station #1, Jefferson Parish, LA*
- *New Pump/Lift Station, Airline Park Boulevard at West Metairie Avenue, Jefferson Parish, LA*
- *Morton & Ingrid Pump Station Rehabilitation, Jefferson Parish, LA*
- *USACE-WBV 168 Fronting Protection, Bayou Segnette Pumping Station No. 1, Stability Analyses – Temporary Flood Protection, Westwego, Jefferson Parish, LA*
- *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*

TEC Professional Services Questionnaire

N. continued.

- 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 Dept. of Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA
- New Charter School, Behrman Highway, Terrytown, 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
- 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
- Drainage Infrastructure Improvements, South Avondale Subdivision, Avondale, 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
- 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.

REFERENCES

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).**

TEC Professional Services Questionnaire

N. continued.

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)

Neil Schneider, CCM, P.E., Director, Capital Projects, Jefferson Parish Public Works Department

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

José A. Gonzales, CAO, City of Kenner

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

Angela DeSoto, P.E., Director of Engineering, Jefferson Parish

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

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

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

Khalid L. Saleh, PhD, Capital Program Administrator, City of New Orleans Department of Public Works

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

Ben Lapine, Acting Director, Department of Sewerage, Jefferson Parish

(504-736-6661 | JPSewerage@jeffparish.net)

Joey Tureau, Director of Transportation, Ascension Parish

(225-450-1013 | jtureau@apgov.us)



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

Signature:

Print Name:

Chad M. Poché, P.E.

Title:

Vice President

Date:

December 27, 2022

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

Name:

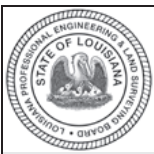
Gulf South Engineering and
Testing, Inc.

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

PE.0027667

Expiration Date

09/30/2024

Status: **Active**



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

Mr. Blake Elliot Vutera

License/Certificate Type - Number

PE.0038607

Expiration Date

09/30/2024

Status: **Active**



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

Mr. Ralph P. Fontcuberta Jr.

License/Certificate Type - Number

PLS.0004329

Expiration Date

09/30/2024

Status: **Active**



GULF SOUTH

ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

Gulf South Engineering and Testing, Inc.

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

This certification is valid from 2/25/2022 to 2/25/2023 .

Certification No. 11011

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

Stephanie Hartman,
Director, Entrepreneurial Services





July 28, 2022

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

Dear Ms. Poche:

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

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

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

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

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

Sincerely,

A handwritten signature in purple ink that reads "Adonis C. Expose". The signature is stylized with a large, flowing "A" and "E".

Adonis C. Expose
DBE/SBE Liaison Officer III





CERTIFICATE OF ACCREDITATION



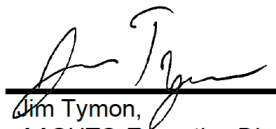
Gulf South Engineering and Testing, Inc.


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).


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



**USACE CERTIFICATE
OF
LABORATORY VALIDATION**



Gulf South Engineering and Testing

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

has demonstrated, by abbreviated audit of its AASHTO accreditation, or by inspection of required records, equipment, procedures, facilities, and/or final reports, its proficiency to perform testing of construction materials, as established by the quality standards of AASHTO R 18 guidance and the requirements of the applicable ASTM standards.

**THIS USACE CERTIFICATE OF LABORATORY VALIDATION IS ACCURATE AS OF ITS DATE AND TIME OF
GENERATION:**

09 SEP 2022 AT 11:51 HOURS

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

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

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

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



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

Search Testing Lab Validation

 Print Validation

Validation Expiration Date: 04/12/2024

State:

LA

CLEAR

Search Testing Lab Validation:

Gulf South Engineering and Testing - Kenner, LA

15 Veterans Memorial Blvd

Kenner LA 70062

Trey Binder

tbinder@gulfsoutheng.com

(504) 305-4401

Method Status	Method
Validated	Aggregate - C 117 - Material Finer than 75 µm (No. 200) Sieve
Validated	Aggregate - C 127 - Specific Gravity & Absorption in Coarse Aggregate
Validated	Aggregate - C 128 - Specific Gravity & Absorption in Fine Aggregate
Validated	Aggregate - C 136 - Sieve Analysis of Aggregates
Validated	Aggregate - C 566 - Total Moisture Content
Validated	Aggregate - C 702 - Reducing Samples to Testing Size
Validated	Aggregate - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Validated	Concrete - C 31 - Making and Curing Test Specimens in the Field
Validated	Concrete - C 39 - Compressive Strength of Cylindrical Specimens
Validated	Concrete - C 138 - Unit Weight and Air Content by Gravimetric
Validated	Concrete - C 143 - Slump
Validated	Concrete - C 172 - Sampling
Validated	Concrete - C 231 - Air Content by Pressure ***required if C173 not performed***
Validated	Concrete - C 511 - Moist Cabinets, Moist Rooms, Water Storage Tanks
Validated	Concrete - C 1064 - Temperature of Concrete
Validated	Concrete - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Validated	Concrete - C 1231 - Unbonded Caps
Validated	Soils - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Validated	Soils - D 421 - Dry Preparation for Particle Size Distribution & Soil Constants
Validated	Soils - D 422 - Particle Size Analysis (Sieve and Hydrometer)
Validated	Soils - D 698 - Compaction Characteristics by Standard Effort
Validated	Soils - D 1140 - Material Finer than 75 µm (No. 200) Sieve
Validated	Soils - D 1556 - Density & Unit Weight by Sand Cone
Validated	Soils - D 1557 - Compaction Characteristics by Modified Effort
Validated	Soils - D 2166 - Unconfined Compressive Strength
Validated	Soils - D 2216 - Water Content
Validated	Soils - D 2487 - Classification of Soils
Validated	Soils - D 2488 - Description & Identification of Soils (Visual-Manual Procedure)
Validated	Soils - D 2974 - Moisture, Ash, & Organic Matter of Peat & Other Organic Soils
Validated	Soils - D 4318 - Liquid & Plastic Limits & Plasticity Index
Validated	Soils - D 4643 - Determination of Water Content of Soil by Microwave Oven
Validated	Soils - D 6938 - Density and Water Content by Shallow Depth Nuclear Method



GULF SOUTH

ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

5. BFM CORPORATION, LLC

Subconsultant: Topographic and Hydrographic Surveying

TEC Professional Services Questionnaire



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Miscellaneous Environmental Services

SOQ 22-054 | Resolution No. 140859

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
				24	TOTAL

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

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

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

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

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:

- Grand Isle Water Tower Site Project, Town of Grand Isle, Jefferson Parish, LA
- Lapalco Boulevard Bridge at Harvey Canal, (PW 2017-046-RBP; DOTD H.004396), Jefferson Parish, LA
- Lapalco Boulevard Turn Lane (Lapalco Boulevard at Barataria Boulevard), Jefferson Parish, LA
- Rehabilitation of Sewer Lift Station F7-13 at Veterans Boulevard and Neyrey Drive, Metairie, Jefferson Parish, LA
- Rehabilitation of Sewer Lift Station D4-7A at Sauve Road and Generes Drive, Harahan, Jefferson Parish, LA
- Bonnabel Canal, from W. Esplanade Avenue to Veterans Boulevard, Jefferson Parish, Metairie, LA
- Sewer Lift Station at Midway Drive & Soniat Canal, Harahan, Jefferson Parish, LA
- Timberview Lane Sewer Pump Station, Jefferson Parish, Harvey, LA
- 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
- Proposed Sewer Lift Station Near Ehret Road & Broas Drive, Jefferson Parish, LA
- Mounes Drive (Dickory to Elmwood Park), Jefferson Parish, LA
- 3 Sewer Lift Station Sites (G8-1, G8-3, & H8-4B) & Sewer Force Main Construction Survey, Jefferson Parish, LA
- J.C. Ellis Elementary School, Metairie, Jefferson Parish, LA
- West Napoleon Avenue Extension (Highway Park Subdivision), Jefferson Parish, LA
- Rosethorne Wastewater Treatment Plant, Lafitte, Jefferson Parish, LA
- Lapalco Boulevard Survey Update, Jefferson Parish, LA
- Lafreniere Park Soccer Field Upgrades, Jefferson Parish, LA
- Sewer Lift Station (Coventry Court & Jefferson Highway), River Ridge, Jefferson Parish, LA
- Peters Road Bridge and Extension (Phase 2), Jefferson Parish, LA
- Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA
- Sewer Lift Station K-11-1, Marrero, Jefferson Parish, LA
- YMCA of Greater New Orleans, Metairie, Jefferson Parish, LA
- Barataria Boulevard Right Turn Lane, Jefferson Parish, LA
- Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA
- Hollygrove Group E (RR065) Route Topographic Survey, Jefferson Parish, LA
- Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA
- Medical Center Boulevard Lighting, Marrero, Jefferson Parish, LA
- Orange Lane Drainage Pump Station Project (Drainage Mapping), Grand Isle, Jefferson Parish, LA
- Transcontinental Drive (North Bound; W. Metairie Avenue to Veterans Boulevard), Metairie, Jefferson Parish, LA
- Veterans Memorial Boulevard Route Topographic Survey, Jefferson Parish, LA
- Destrehan Avenue Bike Path (R/W Update), Harvey, Jefferson Parish, LA
- Jefferson Highway to Charlotte Drive Route Topographic Survey, River Ridge, Jefferson Parish, LA
- Coventry Drainage Pump Stations, River Ridge, 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
- Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA
- Soniat Canal Timber Bulkhead Replacement Route Topographic Survey, Jefferson Parish, LA

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

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

Project Assignment:

Engineering Liaison

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

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:

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

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

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)

Lapalco Boulevard Bridge at Harvey Canal, (PW 2017-046-RBP; DOTD H.004396), Jefferson Parish, LA. BFM Corporation provided extensive surveying services for a topographic survey and right-of-way (R/W) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases include hydrographic topography/bathymetric surveying of the project area, the right-of-way determination, and subsurface utility engineering (SUE). Drone Surveying was utilized throughout the project. A Route Topographic Survey was also included as part of the scope, as was Subsurface Utility Engineering (SUE). (\$478,744 (fee); 2020)

Paillet Basin Tidal Protection Levee, Town of Jean Lafitte, Jefferson Parish, LA. BFM provided topographic and hydrographic surveying services for the project. Scope included establishing three static GPS observation points at major turns on the levee to ensure baseline is constrained to State Plane Coordinates; BFM also established a baseline along the centerline of the existing earthen levee (referenced to NAD 1983 2011). BFM set vertical control Temporary Benchmarks (TBM) which were referenced to horizontal control points (NAVD 1988 Geoid 12B). Plotted a cross section depicting the ground, edge of water, top and toe of earthen levee, and levee centerline at typical widths of 100 feet. Located visible above-ground utilities as well as underground utilities with visible surface evidence (where available, BFM obtained record drawings from relevant agencies to further plot utilities), as well as existing wall, center of pumps, and discharge pipes at the existing pump station. Trees and large shrubbery & etc. were located and described. Existing improvements (such as sheds, piers, and buildings) and trees were included in general location surveying. Deliverables included hardcopy, PDF, and AutoCAD DWG files. (\$150,000 (fee); 2018)

River to Lake Bike Path, Monticello Canal & Dankin Street, Jefferson and Orleans Parish Line, LA. BFM executed a topographic survey of the Bike Path along Jefferson/Orleans Parish Line, north of Airline Drive to River Road at the Monticello Canal and Dakin Streets. (\$108,000 (fee); 2019)

DOTD H.010570, LA 49, Williams Boulevard from West Metairie Avenue to the I-10 East Ramp, Kenner, Jefferson Parish, LA. BFM's surveying services for the project included topographic surveying along Williams Boulevard (LA 49) from 200 feet south of West Metairie Avenue to the I-10 East Ramp. Project involved multiple visits on an as-needed basis over several years. (\$117,732 (fee); 2019)

Coventry Drainage Pump Stations, River Ridge, Jefferson Parish, LA. BFM provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The limits of survey extended from r/w to r/w along Jefferson Highway. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). Drone Surveying was a key element of the project. The hydrographic survey extended 500 feet into the river from the water's edge. (\$89,780 (fee); 2020)

Mounes Drive (Dickory to Elmwood Park), Jefferson Parish, LA. BFM provided a topographic survey for the Mounes Drive project, extending from Dickory to Elmwood Park Boulevard. The scope of services included establishing baseline, temporary benchmarks, and elevations, as well as boundary corners. Plotting of improvements and utility elements (sewer, water, drainage, etc.) was also included. (\$88,930 (fee); 2017)

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:

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

Lapalco Boulevard Bridge at Harvey Canal, (PW 2017-046-RBP; DOTD H.004396), Jefferson Parish, LA. BFM Corporation provided extensive surveying services for a topographic survey and right-of-way (R/W) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases include hydrographic topography/bathymetric surveying of the project area, the right-of-way determination, and subsurface utility engineering (SUE). Drone Surveying was utilized throughout the project. A Route Topographic Survey was also included as part of the scope, as was Subsurface Utility Engineering (SUE). (\$478,744 (fee); 2020)

East Bank Water Treatment Plant Improvements Project (including Laser Scanning), Jefferson Parish, LA. BFM provided surveying services for Tasks 1 (topographic) and 2 (boundary) of the project, part of a major improvements project for the East Bank Water Treatment Plant located at 3600 Jefferson Highway in Jefferson Parish. This included executing a 3D Laser Scan for an As-Built Utilities survey. Draft surveying (in conjunction with the Prime Firm) as well as provision of final survey were prepared as directed. (\$166,230 (fee); 2017)

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

John Philip Thayer (continued)

Causeway Boulevard Overpass (over Airline Drive), Jefferson Parish, LA. BFM's surveying services included Route Topographic and Boundary Survey for the project, which was located at the Causeway Boulevard Overpass of Airline Drive. This was designated as Phase 3 of the Rehabilitation Project, which included Ramps 4, 5, and the Traffic Circle. Drone Surveying services were also included. (\$68,090 (fee); 2020)

Gardere/Murphy Canal Drainage Improvements, Martin Luther King Park to Bayou Barataria, Jefferson Parish, LA. BFM provided topographic surveying services for the project. (\$139,020 (fee); 2009)

Manhattan Boulevard Southbound Lanes Widening, Harvey, Jefferson Parish, LA. BFM executed a Route Topographic Survey of the Manhattan Boulevard southbound lanes from the West Bank Expressway to Gretna Boulevard; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Work consisted of multiple project elements over several years. (\$77,733 (fee); 2018)

Locate 16-inch Water Line between Valve Stations 18 & 24, Grand Isle, Jefferson Parish, LA. BFM provided surveying services to locate the water line situated between valve stations 18 and 24 in Grand Isle. (\$133,444 (fee); 2014)

Coventry Drainage Pump Stations, River Ridge, Jefferson Parish, LA. BFM provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The limits of survey extended from r/w to r/w along Jefferson Highway. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). Drone Surveying was a key element of the project. The hydrographic survey extended 500 feet into the river from the water's edge. (\$89,780 (fee); 2020)

River Road Water Line Replacement, Jefferson Parish, LA. As directed by the Project Engineer, BFM provided topographic surveying services for the project, which extended from Rivet Boulevard to Willswood Drive. This project was part of the Louisiana Department of Health and Hospitals (LDHH) Clean Drinking Water loan program. (\$84,700 (fee); 2015)

Bonnabel Canal, from W. Esplanade Avenue to Veterans Boulevard, Jefferson Parish, Metairie, LA. The project, being executed for the Jefferson Parish Department of Capital Projects, involves establishing a baseline and setting Temporary Benchmarks. Scope includes location of improvements, utilities, and applicable trees. Spot elevations are included. The project is utilizing established Jefferson Parish GIS to show the apparent rights-of-way. The project involves 4100 lf of topographic survey along the Bonnabel Canal, from West Esplanade Avenue to Veterans Memorial Boulevard. (\$63,000 (fee); 2022)

Ames Boulevard Rehabilitation, Jefferson Parish, LA. BFM executed a Route Topographic Survey (RTS); the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The project area included Ames Boulevard from the apparent right-of-way (R/W) at Lapalco Boulevard to the apparent R/W north of Happy Street; approximately 4,800 linear feet. (\$82,500 (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:

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

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

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

Bonnabel Canal, from W. Esplanade Avenue to Veterans Boulevard, Jefferson Parish, Metairie, LA.
The project, being executed for the Jefferson Parish Department of Capital Projects, involves establishing a baseline and setting Temporary Benchmarks. Scope includes location of improvements, utilities, and

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

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

applicable trees. Spot elevations are included. The project is utilizing established Jefferson Parish GIS to show the apparent rights-of-way. The project involves 4100 lf of topographic survey along the Bonnabel Canal, from West Esplanade Avenue to Veterans Memorial Boulevard. (\$63,000 (fee); 2022)

Orange Lane Pump Station Project, Grand Isle, Jefferson Parish, LA. The project consists of a new storm water pumping station on the intersection of Orange Lane at Orleans Avenue in Grand Isle, Louisiana. The scope of services includes obtaining topographical survey information and the preparation of a drainage map for the project. Phase 1 of the project involved the topographic and right of way surveying services; BFM conducted a site topographic survey at the proposed lift station site and provided boundary surveying to determine rights of way. Phase 2 of the project established the Drainage Map. BFM located all drainage structures within the Limits of Survey; this included ditches, culverts, drain inlets, and catch basins. A drone survey was executed to gather a 25 ft elevation grid throughout the project area. (\$32,280 (fee); 2020)

Transcontinental Drive (North Bound; W. Metairie Avenue to Veterans Boulevard), Metairie, Jefferson Parish, LA. BFM executed a Route Topographic Survey of the project area; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. BFM established a baseline and temporary benchmarks along each route, as well as location of improvements and utilities. (\$59,630 (fee); 2020)


Bonnabel Boulevard Bike Path, Metairie, Jefferson Parish, LA. BFM provided surveying services for this bicycle path along Bonnabel Boulevard, extending from Veterans Memorial Boulevard to Lake Pontchartrain, in Metairie, LA. The scope included a Route Topographic Survey (plan only). (\$37,590 (fee); 2020)

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

Destrehan Avenue Bike Path (R/W Update), Harvey, Jefferson Parish, LA. BFM executed a right-of-way (R/W) survey update for the project, which is located at Destrehan Avenue (4th Street to Patriot Street), a continuation of a previous \$63,520 BFM topographic surveying project at the same site. (\$45,665 (fee); 2020)

Hollygrove Group E (RR065) Route Topographic Survey, Jefferson Parish, LA. BFM executed a Route Topographic Survey of Hollygrove Group E (RR065); this involved Forshey Street, Hollygrove Street, Hamilton Street, Edinburgh Street, and Mistletoe Street (a total of 4,950 linear feet). The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. BFM established a baseline and temporary benchmarks along each route, as well as location of improvements and utilities. (\$34,650 (fee); 2020)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
<p style="margin: 0;">Christopher Lemley Quality Control Supervisor</p>
Project Assignment:
<p style="margin: 0;">Quality Control Supervisor</p>
Name of Firm with which associated:

Years experience with this Firm:
<p style="margin: 0;">8 years (joined BFM in 2014); 16 years total (2006)</p>
Education: Degree(s)/Year/Specialization:
<p style="margin: 0;"><i>High School Diploma</i></p>
Active registration: Year first registered/discipline:
<p style="margin: 0;">N/A</p>
Other experience and qualifications relevant to the proposed Project:
<p>Chris Lemley's services as BFM's Quality Control Supervisor includes overseeing all work and activity by company personnel. His surveying experience includes over 8 years as a Survey Crew Chief. His survey software experience includes projects involving Trimble, Topcon, Leica, and Hypack, and has maintained and operated GPS, Auto-Level, and Total Station. Notable past project work has included the New Orleans Museum of Art, Jackson Barracks Restoration, US Highway 11, NASA Michoud Cells 3 & 4, the St. Bernard Lot Next Door Program, and multiple Orleans Parish School Recovery projects (including L.B. Landry, George Washington Carver, and Alice M. Harte schools).</p> <p>Goose Bayou Drainage Pump Station, Lafitte, Jefferson Parish, LA. BFM Corporation provided boundary and topographic surveying services for the project. The scope of services included obtaining available title data, supplemented with courthouse research. BFM located property corners to establish rights-of-way, setting a closed traverse around the site, establishing Temporary Benchmarks (TBM), taking elevations, and plotting the location of improvements and topographic features, both natural and man-made. The scope of services included producing cross sections and plotting spot elevations on paving or other hard surfaces. (\$11,905 (fee); 2016)</p> <p>Segnette Park Settlement Reference Marker Checks, Westwego, Jefferson Parish, LA. BFM Corporation provided multiple surveying services for the project at the Bayou Segnette State Park in Jefferson Parish. The scope of services included performing an elevation survey of the settlement monuments at the Bayou Segnette Flood Wall. BFM tied into the controlling monuments for the project and executed a first order level loop through the settlement markers. (\$4,080 (fee); 2016)</p>

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Christopher Lemley (continued)

Rehabilitation of Sewer Lift Station F7-13 at Veterans Boulevard and Neyrey Drive, Metairie, Jefferson Parish, LA. BFM was contracted to prepare a Topographic Survey of an existing sewer lift station in Metairie. The project involved establishing a baseline as well as a Construction Benchmark and Temporary Benchmark. The survey further located improvements, utilities, and applicable trees. Spot elevations were taken at 50 foot intervals. Property corners were located to establish the rights-of-way, with the final survey showing the ROW and adjacent boundary information. (\$11,570 (fee); 2022)

CPRA BA-75-1, SP H.009252, Lafitte Tidal Protection, Phase II, Lafitte Area Independent Levee District, Jefferson Parish, LA. BFM's surveying services on the project included establishing horizontal & vertical control (referenced to established benchmark and LA State Plane Coordinate System, NAD 1983 2011), coordination of proposed bulkhead/I-wall centerline, and collection of spot elevation every 25 feet along the centerline. BFM also plotted collected data with centerline overlaid for reference purposes. Deliverables include hardcopy, PDF, and AutoCAD DWG files. (\$23,220 (fee); 2017)

Latigue Road Extension, Jefferson Parish, LA. BFM executed surveying services related to the Latigue Road Extension project; this included surveying for a right-of-way acquisition. This was phase I of the project for the proposed extension from Foundry Road to Live Oak Boulevard. (\$8,896 (fee); 2015)

Waggaman Canal Relocation Survey (Jefferson Parish Landfill Sites), Jefferson Parish, LA. BFM Corporation was contracted to provide boundary, right-of-way, and topographic surveying services for the project site. Location of improvements were plotted within the designated limits of the survey; this included buildings, fences, light standards, traffic control devices, signage, structures, pavement, and other topographic features. Existing storm sewer and sanitary sewers were located using top of casing; invert elevations were provided on the survey. (\$19,940 (fee); 2016)

Richard Street Surveys, Gretna, Jefferson Parish, LA. BFM provided surveying services to recover temporary benchmarks (TBMs) at Richard Street, and re-establish vertical TBM control for the Fourth Street Extension. (\$4,520 (fee); 2016)

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

Kennedy Heights Sewer Lift Station, Jefferson Parish, LA. BFM provided surveying services for the Kennedy Heights Lift Station project, located on Live Oak Boulevard, in Jefferson Parish. 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. Field surveying included a closed traverse around the site, noting any existing monumentation. Existing storm sewer and sanitary sewer structures with top of casting and invert elevations were noted on the survey. (\$4,520 (fee); 2017)

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:

Thomas Wright has over 45 years of experience in surveying services, including a multitude of project types (water, wastewater, storm water, drainage, roadway, etc.) and thousands of projects throughout the region. He has extensive surveying experience throughout the City of New Orleans. He has multiple ATSSA (American Traffic Safety Service Association) certifications (including Traffic Control Technician, Traffic Control Supervisor, and Traffic Flagger), and has completed the Basic OSHA Training Course. He is also TWIC (Transportation Work Identification Card) certified.

East Bank Water Treatment Plant Improvements Project (including Laser Scanning), Jefferson Parish, LA. BFM provided surveying services for Tasks 1 (topographic) and 2 (boundary) of the project, part of a major improvements project for the East Bank Water Treatment Plant located at 3600 Jefferson Highway in Jefferson Parish. This included executing a 3D Laser Scan for an As-Built Utilities survey. Draft surveying (in conjunction with the Prime Firm) as well as provision of final survey were prepared as directed. (\$166,230 (fee); 2017)

River Road Water Line Replacement, Jefferson Parish, LA. As directed by the Project Engineer, BFM provided topographic surveying services for the project, which extended from Rivet Boulevard to Willswood Drive. This project was part of the Louisiana Department of Health and Hospitals (LDHH) Clean Drinking Water loan program. (\$84,700 (fee); 2015)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Curtis “Jay” Barrios
Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

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:

Jay Barrios' surveying experience includes boundary, hydrographic, and topographic. He has been the Survey Crew Chief for thousands of projects and is one of the more experienced surveyors in the area. Further, Mr. Barrios has been involved on major transmission projects for Entergy and South Central Bell (AT&T). He is American Traffic Safety Service Association certified as a Traffic Flagger, and is Transportation Work Identification Card (TWIC) certified.


Orange Lane Pump Station Project, Grand Isle, Jefferson Parish, LA. The project consists of a new storm water pumping station in Grand Isle, Louisiana. Scope includes obtaining topographical survey information and the preparation of a drainage map for the project. Phase 1 of the project involved the topographic and right of way surveying services; BFM conducted a site topographic survey at the proposed lift station site and provided boundary surveying to determine rights of way. Phase 2 of the project established the Drainage Map. BFM located all drainage structures within the Limits of Survey; this included ditches, culverts, drain inlets, and catch basins. A drone survey was executed to gather a 25 ft elevation grid throughout the project area. (\$32,280 (fee); 2020)

Fifi Island Restoration Extension, Jefferson Parish, LA. BFM provided topographic and hydrographic surveying services for the project. The scope of services involved mapping of property lines and existing servitudes for the railroad, cemetery, private residences, and a commercial establishment (Dive Shop) north of Airline Boulevard. The project also included preparation of a servitude document across the railroad property. (\$10,210 (fee); 2011)


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:
 Professional Land & Hydrographic Surveying
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:
<p>Fulton Street Pump Station, Jefferson Parish, LA. BFM Corporation provided boundary with topographic survey for the Fulton Street Pump Station project. The scope of services included establishing horizontal control, setting Temporary Benchmarks, and plotting the location of improvements & topographic elements (man-made and natural). BFM also determined the depth, size, and type of pipes within surface observable drainage, sewerage, and water structures as established. For the topographic survey, spot elevations did not exceed a 25-foot grid within the Limits of Survey and included bottom of canal elevations along adjacent wall. (\$11,890 (fee); 2017)</p> <p>Lapalco Boulevard Turn Lane (Lapalco Boulevard at Barataria Boulevard), Jefferson Parish, LA. BFM provided surveying services for the Lapalco Boulevard Turn Lane project (JPPW 2017-048-RBP), which involved a westbound left turn lane to southbound Lapalco Boulevard. BFM's scope included a Route Topographic Survey of Lapalco Boulevard at Barataria Boulevard; the full scope plan & profile included all services, utilities, properties, elevations, cross sections, and items necessary to perform any and all engineering and construction work. The project site was subject to road closures during the survey and preliminary construction/preparation phase. (\$46,854 (fee); 2018)</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
<p>Jeff Patin Survey Crew Chief</p>
Project Assignment:
<p>Survey Crew Chief</p>
Name of Firm with which associated:

Years experience with this Firm:
<p>3 years (joined BFM in 2019); 23 years total (1999)</p>
Education: Degree(s)/Year/Specialization:
<p><i>High School Diploma</i></p>
Active registration: Year first registered/discipline:
<p><i>Transportation Work Identification Card (TWIC)</i></p>
Other experience and qualifications relevant to the proposed Project:
<p>Jeff Patin has worked as a Survey Crew Chief and 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.</p> <p>Coventry Drainage Pump Stations, Jefferson Parish, LA. BFM provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The limits of survey extended from r/w to r/w along Jefferson Highway. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). Drone Surveying was a key element of the project. The hydrographic survey extended 500 feet into the river from the water's edge. (\$89,780 (fee); 2020)</p> <p>Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA. BFM prepared a Route Topographic Survey for Phase 1 of the project, located at Elmwood Parkway and Craig Avenue. This project built upon work executed by the firm for a previous extensive surveying project involving Bissonet Plaza subdivision; this allowed for BFM to build upon established surveys to save time and expenses. Surveying for each element of the project included services included confirming all controls and benchmarks, topographic features, location of improvements and utilities, location of natural elements as applicable, and notation of right-of-way points. (\$7,980 (fee); 2020)</p>

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:
 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:
<p>Anthony Watson has experience as a draftsman/survey technician, having started his career as an intern with the Surveying Department of the City of Plano, Texas. His experience through the years includes manual and computer-aided drafting for a wide range of projects, ranging from small lot surveys to subdivisions to municipal treatment and private industrial plants. He has experience in all facets of surveying (boundary, topographic, ALTA/ACSM, plan & profile, etc.) in both drafting and field environments.</p> <p>Mounes Drive (Dickory to Elmwood Park), Jefferson Parish, LA. BFM provided a topographic survey for the Mounes Drive project, extending from Dickory to Elmwood Park Boulevard. The scope of services included establishing baseline, temporary benchmarks, and elevations, as well as boundary corners. Plotting of improvements and utility elements (sewer, water, drainage, etc.) was also included. (\$88,930 (fee); 2017)</p> <p>Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, LA. BFM executed a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$73,615 (fee); 2018)</p> <p>Goose Bayou Drainage Pump Station, Lafitte, Jefferson Parish, LA. BFM provided boundary and topographic surveying services for the project; this included obtaining available title data, supplemented with courthouse research. BFM located property corners to establish rights-of-way, setting a closed traverse around the site, establishing Temporary Benchmarks, taking elevations, and plotting the location of improvements & topographic features, both natural and man-made. Scope also included producing cross sections and plotting spot elevations on paving or other hard surfaces. (\$11,905 (fee); 2016)</p>

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:

Ms. Clements college work resulted in a GPA of 4.0, earning her Valedictorian status. She also was the recipient of the Highest Honors and Perfect Attendance Awards.

LA Highway 39 (East Judge Perez Drive) 3D Survey Scan, Port of New Orleans, St. Bernard Parish, LA. BFM Corporation was selected by the Port of New Orleans to prepare a 3D Scan Survey for the project located near the Violet Canal. The survey included a 3D Scan underneath the elevated portion of LA Hwy 39, beginning approximately 525 feet southeast of the centerline of Violet Canal and continuing southeast; approximately 700 liner feet. The project included surveying the underside of the elevated roadway only; there was no topographic survey of the roadway surface. (\$19,624 (fee); 2022)

Proposed Baton Rouge Ground Storage Tank, East Baton Rouge Parish, City of Baton Rouge, LA. For the project, BFM Corporation provided boundary and topographic surveying services, including establishing a baseline and setting both a Construction Benchmark (CBM) and Temporary Benchmark (TBM). The survey further located improvements, utilities, property corners, edge of wooded areas, geotechnical bore holes, and swale (minor swales/ditches & existing sewer manholes) for sewer trunkline. Spot elevations were also taken, as were finished floor elevations (FFE). (\$46,210 (fee); 2021)

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:

Kevin Roberts has direct drafting experience with civil engineering, offshore engineering, water purification systems, and general architectural and construction design & terminology.

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

Hector Avenue Route Topographic Survey, Gretna, Jefferson Parish, LA. BFM provided Route Topographic Surveying services; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$29,240 (fee); 2018)

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

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:

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

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

Goose Bayou Drainage Pump Station, Lafitte, Jefferson Parish, LA. BFM Corporation provided boundary and topographic surveying services for the project. The scope of services included obtaining available title data, supplemented with courthouse research. BFM located property corners to establish rights-of-way, setting a closed traverse around the site, establishing Temporary Benchmarks (TBM), taking elevations, and plotting the location of improvements and topographic features, both natural and man-made. The scope of services included producing cross sections and plotting spot elevations on paving or other hard surfaces. (\$11,905 (fee); 2016)

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:
Lapalco Boulevard Bridge at Harvey Canal, (PW 2017-046-RBP; DOTD H.004396), Jefferson Parish, Louisiana Hardesty & Hanover 3850 N Causeway Blvd Ste 1850 Metairie LA 70002 Dr. Babak Naghavi, P.E., 504-962-9212 bnaghavi@hardestyhanover.com	BFM Corporation provided extensive surveying services for a topographic survey and right-of-way (R/W) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases include hydrographic topography/bathymetric surveying of the project area, the right-of-way determination, and subsurface utility engineering (SUE). Drone Surveying was utilized throughout the project. A Route Topographic Survey was also included as part of the scope, as was Subsurface Utility Engineering (SUE).
Completion Date (Actual or estimated):	Estimated Cost:
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">Entire Project:</div> <div style="width: 45%; text-align: center;">Work for which Firm was Responsible:</div> </div>
2020 September	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">N/A</div> <div style="width: 45%; text-align: center;">\$478,744 (fee)</div> </div>

PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:
Paillet Basin Tidal Protection Levee, Town of Jean Lafitte, Jefferson Parish, Louisiana APTIM 2424 Edenborn Avenue Suite 450 Metairie LA 70001 Gene S. Gillen, P.E., 504-832-4881 info@aptim.com	Topographic & hydrographic surveying services; scope included establishing three static GPS observation points at major turns on the levee to ensure baseline is constrained to State Plane Coordinates; BFM also established a baseline along the centerline of the existing earthen levee. Set vertical control TBM which was referenced to horizontal control points. Plotted a cross section depicting the ground, edge of water, top and toe of earthen levee, and levee centerline at typical widths of 100 ft. Located visible above-ground utilities as well as underground utilities with visible surface evidence, as well as existing wall, center of pumps, and discharge pipes at the existing pump station. Existing improvements and trees were included in general location surveying.
Completion Date (Actual or estimated):	Estimated Cost:
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">Entire Project:</div> <div style="width: 45%; text-align: center;">Work for which Firm was Responsible:</div> </div>
2018 June	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">N/A</div> <div style="width: 45%; text-align: center;">\$150,000 (fee)</div> </div>

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Coventry Drainage Pump Stations, River Ridge, Jefferson Parish, Louisiana ECM Consultants, Inc. 1301 Clearview Pkwy Ste 200 Metairie LA 70001 Sunina Shrestha, 504-885-4080 SShrestha@ecmconsultants.com	Coventry Drainage Pump Stations, River Ridge, Jefferson Parish, LA. BFM provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The limits of survey extended from r/w to r/w along Jefferson Highway. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). Drone Surveying was a key element of the project. The hydrographic survey extended 500 feet into the river from the water's edge. (\$89,780 (fee); 2020)	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 June	N/A	\$89,780 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, Louisiana Jefferson Parish Public Schools Facilities Department 4600 River Road Marrero LA 70072 Steve Faust, 504-349-8595 steve.faust@jppss.k12.la.us	BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. The scope of services included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 June	N/A	\$47,461 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
East Bank Water Treatment Plant Improvements Project (including Laser Scanning), Jefferson Parish, Louisiana Stantec 1340 Poydras Street, Suite 1420 New Orleans LA 70112 Jeffrey Sapia, P.E., 225-926-3991 jeffrey.sapia@stantec.com	BFM provided surveying services for Tasks 1 (topographic) and 2 (boundary) of the project, part of a major improvements project for the East Bank Water Treatment Plant located at 3600 Jefferson Highway in Jefferson Parish. This included executing a 3D Laser Scan for an As-Built Utilities survey. Draft surveying (in conjunction with the Prime Firm) as well as provision of final survey were prepared as directed.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017 June	N/A	\$166,230 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Hollygrove Group E (RR065) Route Topographic Survey, Jefferson Parish, Louisiana Meyer Engineers Ltd. 4937 Hearst St Ste 1B Metairie LA 70002 Jitendra Shah, P.E.; 504-885-9892	BFM executed a Route Topographic Survey of Hollygrove Group E (RR065); this involved Forshey Street, Hollygrove Street, Hamilton Street, Edinburgh Street, and Mistletoe Street (a total of 4,950 linear feet). The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. BFM established a baseline and temporary benchmarks along each route, as well as location of improvements and utilities.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 June	N/A	\$34,650 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Orange Lane Drainage Pump Station Project (Drainage Mapping), Grand Isle, Jefferson Parish, Louisiana</p> <p>AIMS Group, Inc. 4421 Zenith Street Metairie LA 70001</p> <p>Lowell Pitre, P.E., 504-887-7045 ljp@aimsgroupinc.com</p>	<p>The project consists of a new storm water pumping station; scope includes obtaining topographical survey information and the preparation of a drainage map for the project. Phase 1 of the project involved the topographic and right of way surveying services; BFM conducted a site topographic survey at the proposed lift station site and provided boundary surveying to determine rights of way. Phase 2 of the project established the Drainage Map. BFM located all drainage structures within the Limits of Survey; this included ditches, culverts, drain inlets, and catch basins. A drone survey was executed to gather a 25 ft elevation grid throughout the project area.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 August	N/A	\$32,280 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>East Bank Water Treatment Plant Project – Water and Utility Line Survey, Jefferson Parish, Louisiana</p> <p>Stantec Consulting Services, Inc. 1340 Poydras Street, Suite 1420 New Orleans LA 70112</p> <p>Jeffrey Sapia, P.E., 225-926-3991 jeffrey.sapia@stantec.com</p>	<p>BFM's surveying services, as part of Task Order No. 3 of the project, involved BFM's location of exposed water or utility lines after said lines were excavated by another firm. Horizontal location and vertical elevation, at top of pipe, was recorded along with the pipe size and type. Field data was processed to add to the existing topographic survey, previously executed by BFM.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 October	N/A	\$19,703 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Three Sewer Lift Station Sites (G8-1, G8-3, & H8-4B) & Sewer Force Main Construction Survey, Jefferson Parish, Louisiana</p> <p>ECM Consultants, Inc. 4409 Utica Street Suite 200 Metairie LA 70006</p> <p>Sunina Shrestha, 504-885-4080 mail@ecmconsultants.com</p>	<p>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.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 April	N/A	\$28,950 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, Louisiana</p> <p>Meyer Engineers Ltd. 4937 Hearst Avenue, Suite B Metairie LA 70001</p> <p>Raymond J. Brown, 504-885-9892 rbrown@meyer-e-l.com</p>	<p>BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 December	N/A	\$16,590 (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

PROFESSIONAL TRAINING AND RELEVANT PROJECT EXPERIENCE

Established in 1982, **BFM Corporation, LLC, Professional Land & Hydrographic Surveying**, provides services to public & private concerns throughout Louisiana and the Gulf South. For over 40 years, BFM has provided surveying services covering all facets of engineering, construction, and forensics; topographic, and hydrographic, and now offers drone-based surveying and high-definition laser scanning.

BFM Corporation is a majority Woman-Owned Business Enterprise (WBE) as well as a Hudson Initiative certified Small & Emerging Business and Small Entrepreneurship in Louisiana.

Our capabilities include the following and more:

- **Topographic Surveying**
- **Drone Surveying / Photogrammic and LiDAR**
- **Bathymetric / Hydrographic Surveys**
- **Property, Boundary, and Right-of-Way Surveys**
- **Maps, Cross-Sections, and Data Sets**
- **3D Laser Scanning**
- **Benchmarks**

TEC Professional Services Questionnaire

N. continued.

- **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.

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.

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.

TEC Professional Services Questionnaire

N. continued.

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.

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.

REFERENCES

For 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)

José A. Gonzales, CAO, City of Kenner
(504-468-4090 | jgonzalez@kenner.la.us)

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

TEC Professional Services Questionnaire

N. continued.

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

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

Ben Lapine, Acting Director, Department of Sewerage, Jefferson Parish
(504-736-6661 | JPSewerage@jeffparish.net)

Greg Cromer, Mayor, City of Slidell
(985-646-4333 | gcromer@cityofslidell.org)

Our professional work history is exemplary. We strive to provide on-time and technically thorough project deliverables at the budget set by our clients.



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

Signature:

A handwritten signature in blue ink, appearing to read 'Chad M. Poché', is written over a horizontal line.

Print Name:

Chad M. Poché, P.E.

Title:

Executive Vice President

Date:


December 27, 2022

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

Name: BFM Corporation, LLC
Public Address: 15 Veterans Memorial Boulevard
Kenner, Louisiana 70062

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000008	Active	09/11/1984	09/30/2023	Mr. Ralph P. Fontcuberta Jr. # PLS.0004329 - Active



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

Mr. Ralph P. Fontcuberta Jr.

License/Certificate Type - Number	Expiration Date
PLS.0004329	09/30/2024

Status: **Active**



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

Mr. Chad Mitchell Poche

License/Certificate Type - Number	Expiration Date
PE.0027667	09/30/2024

Status: **Active**



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(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**



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

Mr. William Mead Farber

License/Certificate Type - Number	Expiration Date
EI.0033903	03/31/2023

Status: **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 10/12/2022 to 10/12/2023 .

Certification No. 9551

Stephanie Hartman,
Director, Small Business Services