

SOQ 23-001

Resolution No.140999

Provide Professional Architectural Services and Engineering
Services on an As Needed Basis for Architectural Type Projects
Throughout Jefferson Parish for 2023 - 2025

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

B. Firm Name & Address:

ALBERT | ARCHITECTURE

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

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

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

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

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

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

TEC Professional Services Questionnaire

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

1.

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.		
2.		
3.		

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Project Assignment:

Name of Firm with which associated:

ALBERT | ARCHITECTURE

Years' experience with this Firm:

Education: Degree(s)/Year/Specialization:

Active registration: Year first registered/discipline:

Other experience and qualifications relevant to the proposed Project:



TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Name: Richard Albert, RA, AIA, NCARB

Title: Managing Member, Principal Architect

Years of Experience: 33

Education: Bachelor of Science - Architecture – University of Louisiana

Professional Certifications:

Louisiana Registered Architect 1998

Mississippi Registered Architect 2011

Florida Registered Architect 2013

Texas Registered Architect 2014

NCARB Registration 1998

AIA Registration 1998

Mr. Albert has over 30 years of proven architectural experience, including community master planning, governmental, healthcare, commercial, and industrial projects. He has been the professional in charge, responsible for leading teams of designers and consultants in completing state of the art buildings with complex information, security, and communication systems. In addition to being President of Albert Architecture & Urban Design AP LLC, he has been the Principal Architect for nearly 21 years. He is a hands-on leader who has a strong passion for design and an appreciation for value.

Recently completed projects vary in size and complexity. He enjoys working with clients and understands their current and future needs. He is considered well-rounded in a variety of building types and has customized prototype detailing. As Principal, he believes communication is key to success and has found most clients enjoy an active role in architectural design processes.

Within Jefferson Parish, Mr. Albert is currently the Principal-in-Charge on building improvements at the Westbank campus of the Jefferson Parish Sheriff's Office, Jefferson Parish Fire Department's Station #15, Hope Haven (Feingold Building) renovations & stabilization and most recently phase 1 of the Bucktown Harbor Redevelopment Project.

Project Experience:

- JPSO Westbank Campus Renovations of Buildings, A and C – Jefferson Parish
- JPFD Station 15 Renovations – Jefferson Parish
- Hope Haven (Feingold Building) Renovations and Stabilization – Jefferson Parish
- USAF D/B Aerobics Room & Locker Room Renovation – Barksdale, Bossier, Louisiana
- Renovate N&FS to VCS Canteen Bldg 21 A/E – Biloxi, Mississippi
- A&E Design Urgent Care – New Orleans, Louisiana
- Install Photovoltaic Electrical Systems for VA Bldg 10 & 13 – West Palm Beach, Florida
- Design/Build Improve Life Safety Corrections Phase IV – Miami, Florida
- Expansion of Oncology Unit – Jackson, Mississippi
- Renovate Surgical Intensive Care Unit – Jackson, Mississippi
- Design/Build Construction of MRI Clinic – West Palm Beach, Florida
- Building 1 Study for Sanitary System Upgrade and Replacement – Miami, Florida
- 3C Mental Health Dining Room – West Palm Beach, Florida
- Refurbish 3rd Floor Patient Rooms, North Wing – Miami, Florida
- Opelousas Apartments - New Orleans, Louisiana
- Boasso America – Chalmette, Louisiana
- Auto-Chlor Operation Facility, New Orleans, Louisiana
- Cotton Exchange Hotel, New Orleans, Louisiana
- Levy Building Condominiums, New Orleans, Louisiana
- New Orleans Mosquito Control Aircraft Hangar - New Orleans, Louisiana
- NOFD Engines 4, 6, 12, 13, 14, 16, 18, 20, 24, 25, 26, 33, 37, 38 and the Supply Annex – New Orleans, Louisiana
- Hithe Orthodontics, New Orleans, Louisiana
- CBSL Transportation Inc., Reserve, Louisiana
- Louisiana Freedmen Homes, New Orleans, Louisiana
- 9th Street Market, New Orleans, Louisiana
- 2116 Magazine Street – New Orleans, Louisiana
- Snap Fitness – New Orleans, Louisiana
- Jefferson Street Apartments – New Orleans, Louisiana
- Joseph Street Apartments – New Orleans, Louisiana
- The Basketry – Luling, Louisiana
- Medal of Honor Golf Course – Quantico, Virginia
- Key West Naval Air Station – Key West, Florida
- Navy Information Technology Center – New Orleans, Louisiana
- The Washingtonian Center – Fairfax, Virginia
- Whitney National Bank – New Orleans, Louisiana
- Stor-All New Orleans Inc. – New Orleans, Louisiana
- FNBC Handicapped Accessibility Upgrades – New Orleans, Louisiana
- Grove Natural Snacks, New Orleans International Airport, New Orleans, Louisiana
- The Steak Knife Restaurant – New Orleans, Louisiana
- The Prince Conti Bombay Club – New Orleans, Louisiana
- New Town, Irian Jaya, Indonesia
- Punta Gorda Harbor Development – Punta Gorda, Florida.

Project Experience Continued:

- The Cecil and Ida Green Research Center – Richardson, Texas
- Trinity Episcopal School, New Orleans, Louisiana
- Carillon Beachside Town Plan, Carillon Beach, Florida
- Ascension Parish Courthouse, Gonzalez, Louisiana
- Visual Enhancements to the Port of New Orleans – New Orleans, Louisiana
- Louisiana Children's Museum – New Orleans, Louisiana
- Maritime Museum – Madisonville, Louisiana
- Hancock Medical Center – Bay St. Louis, Mississippi
- George County Hospital – Lucedale, Mississippi
- Crosby Memorial Hospital, Picayune, Mississippi

TEC Professional Services Questionnaire

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



TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Leslie E. Raymond
Architect, Vice President, Principal

Leslie is a registered architect with 22 years of experience in institutional and residential architecture. She graduated magna cum laude from Virginia Tech with a minor in Industrial Design. Leslie has acted as Project Architect on projects across New Orleans, South Florida, Alabama, New York, and Boston. Her extensive portfolio of work includes design-build projects with the Department of Veteran's Affairs, U.S. Marshals, U.S. Department of Justice, as well as meticulous historic renovations of both commercial and multi-family buildings. Leslie is a LEED accredited professional and believes in incorporating thoughtful, sustainable design for all clients. Her projects have been featured in Design New England, the Wall Street Journal, New Orleans Magazine, Preservation in Print, and the New Hampshire Chronicle.

Experience:

- GSA Ft Lauderdale Judge's Chambers, Ft Lauderdale, FL
- Army Range Control Facility, Ft Devens, MA
- VA X-ray Suite, Togus, ME
- Boutique Hotel, 2625 Iberville Street, New Orleans, MA
- Elevator Modernization Project, UNO, New Orleans, LA
- VA West Palm Beach MRI Facility, West Palm Beach, FL
- 620 Opelousas Street Apartments, 620 Opelousas Street, New Orleans, LA
- Farnsworth Apartments, 5355 St Charles Avenue, New Orleans, LA
- 4411 Canal Street Renovation, 4411 Canal Street, New Orleans, LA
- Khoobehi Condominiums, 300 Magazine Street, New Orleans, LA
- Polymnia Condominiums, 1531 Polymnia Street, New Orleans, LA
- Veterans Affairs Murfreesboro Rehabilitation Domiciliary, Murfreesboro, TN
- GSA US Marshals Service Task Force Office, Orlando, FL
- Project Mgr./Project Architect, Southworth Library Renovation, Thayer Academy, Braintree, MA
- Interior Architect, Walnut Hill Dormitory, Walnut Hill School for the Arts, Natick, MA
- Interior Architect, Performing Arts Center, Thayer Academy, Braintree, MA

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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



TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Alex Hernandez
Senior Project Manager

Years of Experience: 22 (9 with Albert Architecture)

Professional Certifications: LA General Contractor, Building Construction
OSHA 40-hr for Hazardous Waste Site Workers
OSHA 30-hr Safety Training
40-hr Project Management Professional Training
Member, Society of American Engineers
Associate Member, American Society of Healthcare Engineering

Project Experience:

VA256-C-1333 Ambulatory Care & Emergency Area Expansion & Renovations

Dept. of Veterans Affairs – Alexandria, LA - \$7,085,753.00

Mr. Hernandez was the Project Executive providing all labor, material, and equipment for expanding the ambulatory care area of Building 7 of the VA Medical Center in Alexandria, Louisiana. Work encompassed approximately 17,135 square feet of new construction, 20,759 square feet of renovated space, and 2,760 square feet of outside covered patio.

VA256-C-1334 Overton Brooks Dental Clinic

Dept. of Veterans Affairs – Shreveport, LA - \$4,513,464.00

Mr. Hernandez was the Project Executive providing all material, equipment, labor, supervision, and expertise necessary for the construction of a new 13,400 SQFT, 2-story Dental Clinic for the VA Hospital in Shreveport, LA. Work included site preparation, site utilities, site work, mechanical, electrical, communication and security systems and new building construction. The new Dental Clinic has a 2-stop hydraulic elevator with waiting, reception and administrative on both the first and second floors. The construction provided for a total of 15 operatories, 2 panoramic x-ray rooms, and two (2) dental laboratories.

ALBERT

ARCHITECTURE

Samuel J. Green Charter School Refurbishment

Recovery School District – New Orleans, LA - \$6,223,124.93

Mr. Hernandez was the Project Executive with overall responsibility on this project to refurbish Samuel J. Green School in New Orleans, Louisiana. Work included installing new handicap access ramps; clean, repair, repoint brick and stone walls, and replace wood windows with aluminum windows. There were repairs, repainted, reglazed steel windows; repairs, replacement of metal and wood trim scheduled. Replacement of wood entry doors, replace roofing, flashing, and copings/repair, replace copper gutters and RWL's, construct new trash enclosure all for the exterior of the school. Interior refurbishments included installing new wood flooring in certain areas and refinish all wood floors to match, remove rubber tile at kitchen and install new epoxy terrazzo flooring as well as repaint concrete floors where scheduled. Install wood base where missing and damaged. Repair, paint damaged walls. Repair, replace wood trim, and repaint. Install new wheel chair lift. Replace acoustic panels and ceiling grid where scheduled. Renovate stairwells. Renovate restrooms and construct new restrooms. Renovate mechanical and electrical systems.

VA256-15-J-0325 Upgrade Interior Finishes, Phase 1

Dept. of Veterans Affairs – Shreveport, LA – \$469,771.36

Mr. Hernandez was the Project Executive with overall responsibility on this project to upgrade the interior finishes in the main entrance lobby of the hospital at Overton Brooks VA Medical Center in Shreveport, Louisiana. This renovation consists of 4 different phases to keep the lobby open while it is also being renovated. Once all the phases are complete this area will have a new wood ceiling, new tile and carpet floors, new tile walls, all new millwork, an interactive directory to help the patients find their way. This renovation will move the coffee shop to better location to help the flow of traffic. The offices around the lobby will also be included in this renovation and receive new flooring, storefront systems, paint and ceilings.

HSFELA-10-P-0053 FEMA Generator Maintenance and Repair

FEMA – Southern Louisiana - \$202,318.49

Mr. Hernandez was the Project Executive with overall responsibility for on-site generator maintenance and repair services in support of the Federal Emergency Management Agency (FEMA) at various State and Federal Facilities, located throughout the state of Louisiana. We conducted "on-site" generator preventative maintenance as well as routine maintenance checks and services. Generator sets are defined as all systems and subsystems of the generator power plant (engine) and generator electrical power production system to include fuel tanks. On-site maintenance preventive checks and services included; the care, servicing, inspection, detection and correction of mechanical discrepancies before these discrepancies can cause serious damage, failure or injury; they are all diesel combustion powered.

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

PROJECT NO. 1

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

PROJECT NO. 2

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

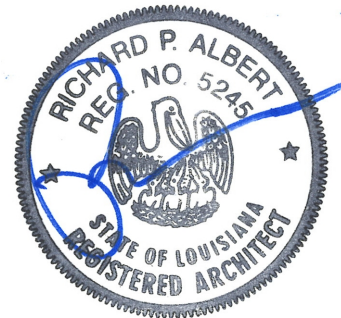
PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

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.		
2.		
3.		
4.		

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



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

Signature: _____  _____ Print Name: _____

Title: _____ Date: _____



Provide Professional Architectural Services and Engineering Services on an
As Needed Basis for Architectural Type Projects Throughout Jefferson Parish
SOQ NO 23-001 2023-2025

Sub Consultant List

1. Infinity Engineering Consultants, LLC
2. BFM Corporation, LLC
3. Gulf South Engineering & Testing, Inc.

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Architectural and Engineering Services on an As-Needed Basis for Architectural Type Projects Located Throughout the Parish for an Approximate Two-Year Period
SOQ 23-001

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

Infinity Engineering Consultants, LLC
4001 Division St.
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:

Raoul V. Chauvin, III, P.E.
Principal
504-304-0548
rchauvin@infinityec.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.

William J. Thomassie, P.E.
Principal
Civil/Structural Engineering Advisor
504-304-0548
wthomassie@infinityec.com

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

<u>5</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u>3</u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u>4</u> Graduate Engineers
<u>3</u> Civil Engineers	<u> </u> Interior Designers	<u> </u> Project Managers
<u>4</u> Construction Inspectors	<u> </u> Landscape Architects	<u>1</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u>3</u> Electrical Engineers	<u>3</u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>4</u> Engineer Intern	<u> </u> Environmental Engineers	<u>9</u> Drafting/Design
<u> </u> Professional Land Surveyors		<u>37</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.

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. Please See Prime's Form		
2.		
3.		
4.		
5.		
6.		

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

27 total Infinity personnel could assist in the design of any assigned project.

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

William J. Thomassie, P.E.
Principal

Project Assignment:

Principal-in-Charge;
Civil/Structural Engineering Advisor

Name of Firm with which Associated:



Years' experience with this Firm:

18

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1992 / Civil/Structural Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Civil Engineering

AL / 2009 / Civil	AR / 2016 / Civil	IA / 2018 / Civil	IL / 2018 / Civil
IN / 2018 / Civil	KY / 2018 / Civil	LA / 1997 / Civil	MI / 2018 / Civil
MN / 2018 / Civil	MS / 2006 / Civil	OH / 2006 / Civil	PA / 2007 / Civil
TN / 2018 / Civil	TX / 2002 / Civil	WV / 2004 / Civil	

Other experience and qualifications relevant to the proposed Project:

As Principal Partner of Infinity Engineering Consultants, William J. Thomassie, P.E. is one of the registered Supervising Professionals for the firm and is responsible for the management of all engineering production. Included in those responsibilities is the oversight of staff managers. Mr. Thomassie's 30+ year career has typically included supervision of multi-disciplinary projects. With many of these projects requiring up to \$45,000,000 for installation or modifications, his guidance and shaping of project designs, along with construction support, enabled completion on schedule and with minimal adverse impact on commerce in the area. Mr. Thomassie's experience which would be relevant to Jefferson Parish's need for drainage conveyance and roadway rehabilitation includes:

Regional Transit Authority Canal Street Ferry Terminal Replacement – New Orleans, LA

Principal for the engineering design of the demolition and redevelopment of the Canal Street Ferry Terminal on the Mississippi River in New Orleans for the RTA. The project includes the construction of a new terminal building, reconfiguration of streetcar tracks, realignment of underground utilities, construction of a new wharf structure, and refurbishment and reconfiguration of a captive barge platform.

Jefferson Parish East Bank Maintenance Facility – Jefferson Parish, LA

Lead Structural Engineer for the new East Bank Maintenance Facility foundation and building. This two-story building was designed to serve as an emergency shelter for critical Parish personnel during hurricane season.

Plaquemines Parish Government O'Brien Fire Station – Plaquemines Parish, LA

Engineering Manager for the O'Brien Fire Station, a new facility in Port Sulphur designed to replace a fire station destroyed during Hurricane Katrina. Infinity was responsible for the design of all structural, electrical, and mechanical systems associated with the fire house, including elevated platforms to protect the electrical and mechanical systems from flood.

St. James Parish Government Courthouse Structural Design – Convent, LA

TEC Professional Services Questionnaire

Lead Structural Engineer for a new two-chamber courthouse. The project included the design of steel framing, masonry structures, and a pile support concrete foundation.

Baton Rouge State Office Building Cooling Tower Replacement – Baton Rouge, LA

Lead Structural Engineer for design a cooling tower platform. The project included new steel members and rehabilitated members from the old platform, grating, guard rail, handrail, and connections.

Montagnino Shopping Center Design – Harvey, LA

Principal and lead engineer for the structural design civil, structural, mechanical, electrical, and plumbing design for a 37,000 sq ft. 20-tenant shopping complex in Harvey, LA. The civil and structural designs included site grading, subsurface drainage, parking lot layout and paving, driveway layout and paving, retail building pile foundation and slab, and foundations for street signage.

Mahalia Jackson Theater of Performing Arts – New Orleans, LA

Lead Civil/Structural Engineer for the emergency repair of the Mahalia Jackson Theater of Performing Arts in Orleans Parish. Engineered designs and incorporated components to mitigate future weather-related damage to equipment. Provided detailed structural design for new stage lift systems.

St. Bernard School Board Maintenance Facility – Chalmette, LA

Lead Structural Engineer for a new 100,000 sq. ft. maintenance facility and storage warehouse. Designs included steel framing, masonry structures, and a pile supported concrete foundation.

S&WB EBWWTP Flood Protection System – New Orleans, LA

Provided civil and structural designs for a new flood protection berm at the Florida Avenue Wastewater Treatment Plant. For the \$30 Million Construction project, plans and specifications were provided for the design of secure flood gates, flood walls, electrical transmission and road and piping crossings for plant flood protection.

Delgado Community College Student Pavilion – New Orleans, LA

Supervised the complete structural design of the 1,164 sq ft new shelter. Structural designs included a timber pile foundation, welded hollow tubing sub-structure, and glulam timber super-structure/roof. The shelter will be accessed via a concrete walkway path leading to steps and a handicap ramp.


Facility Planning & Controls State Office Building Cooling Tower Replacement – Baton Rouge, LA

Lead Structural Engineer for design of a cooling tower platform. The project included new steel members, the removal of old steel members, and rehabilitating members from the old platform, grating, guard rail, handrail, and connections.

Plaquemines Parish Government Lake Hermitage Fire Station – Lake Hermitage, LA

Engineering Manager for the Lake Hermitage Fire Station, a new facility designed to replace a fire house destroyed by Hurricane Katrina. The fire station was located in a FEMA FIRM V-Zone, outside of hurricane protection levees, requiring intensive structural design. The final structure was a combination of concrete framework and structural steel clad with concrete masonry units.

TEC Professional Services Questionnaire


KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:		
Name & Title:		
Raoul V. Chauvin, III, P.E. Principal		
Project Assignment:		
Principal-in-Charge Mechanical Engineering Advisor		
Name of Firm with which Associated:		
		
Years' experience with this Firm:		
18		
Education: Degree(s)/Year/Specialization:		
Bachelor of Science / 1990 / Mechanical Engineering		
Active registration: Year first registered/discipline:		
IA / 2018 / Mechanical	IL / 2018 / Mechanical	IN / 2018 / Mechanical
KY / 2018 / Mechanical	LA / 1999 / Mechanical	MI / 2018 / Mechanical
MN / 2018 / Mechanical	MS / 2007 / Mechanical	OH / 2018 / Mechanical
TN / 2018 / Mechanical	TX / 2007 / Mechanical	
Other experience and qualifications relevant to the proposed Project:		
<p><u>Jackson Square Renovations – New Orleans, LA</u> Principal and Mechanical Engineering Supervisor for the mechanical, electrical, and civil renovations to the historic Jackson Square in anticipation of the City of New Orleans' celebration of the tricentennial in 2018. The project includes the replacing all conduit, boxes, panels, etc. that supply power for the entire park, upgrades to power to include (4) new power panels, LED lighting and flood lighting, civil site repairs, automated irrigation system, cleaning and painting the fountain, replacement of all trash receptacles, replacement of park signage, and landscaping.</p> <p><u>Regional Transit Authority Napoleon Building - New Orleans, LA</u> Principal and Mechanical Engineering Supervisor responsible for the inspection of the mechanical, structural, plumbing, fire protection and electrical systems of the 16,000 sq ft building and proposed underpinning of the foundation, repair of the walls and roof framing, as well as mechanical and electrical upgrades and repairs to this historic building.</p> <p><u>Westbank Regional Library Chiller – Jefferson Parish, LA</u> Principal and Mechanical Engineering supervisor for the engineering design for the replacement and installation of the HVAC system. Designs included the replacement of a 100-ton chiller, circulation pumps, DDC controls, valves, compressors, and electrical components.</p> <p><u>Patterson Pump Station Port of New Orleans – New Orleans, LA</u> Principal Engineer and Mechanical Engineering Supervisor for the design of removal and refurbishment of two vertical pumps; condition evaluation of two electric motors; replacement of the electrical system from the existing main breaker/disconnect; establishment of a back-up generator; design of walkway to access the discharge screen catwalk; and checking the elevation of the discharge piping against the flood protection requirement.</p> <p><u>Buras Wastewater Treatment Plant Repairs – Buras, LA</u> Project Manager for the emergency repair of this wastewater treatment facility. The project included assessment of mechanical, electrical, civil, and structural damages, writing construction cost estimates for submittal to FEMA, preparing plans and specifications for repairs, and construction administration. The design of the Buras WWTP included the replacement design of the Primary and Secondary Clarifiers' mechanical and electrical systems and the Digester bio-gas flare system; and complete design for the replacement of a 3,000 sq. ft. steel maintenance building.</p>		

TEC Professional Services Questionnaire


KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Laura Kelly, P.E. Mechanical Engineering Manager
Project Assignment:
Mechanical Engineering Project Lead
Name of Firm with which Associated:

Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2008 / Mechanical Engineering
Active registration: Year first registered/discipline:
LA / 2015 / Mechanical
Other experience and qualifications relevant to the proposed Project:
<p>Ms. Kelly holds over fourteen years of mechanical engineering experience, including more than five years in major capital oil and gas consulting. Ms. Kelly has served as a mechanical technical lead in phases ranging from design conception to field installation and startup. As Mechanical Engineering Manager, Ms. Kelly oversees all mechanical designs and deliverables.</p> <p><u>Criminal Evidence and Process Complex – New Orleans, LA</u> Project Engineer responsible for plumbing design for five-story building including toilet rooms, break rooms and crime lab areas. Plumbing design included pipe sizing, fixture selection, equipment sizing, and piping layout for domestic water, waste and vent, and roof drainage systems.</p> <p><u>Behrman Soccer Complex – New Orleans, LA</u> Project Engineer responsible for HVAC and plumbing design, including equipment selection, and editing of specifications. Design of the HVAC system included load calculations, equipment selection, and ductwork layout. Plumbing design included pipe sizing, fixture selection, equipment sizing, and piping layout.</p> <p><u>16th Ave. Pump Building Rehab – Covington, LA</u> Project engineer responsible for project management of replacement of controls and electrical systems at a municipal water pumping building. Project responsibilities included meeting with client's representatives to define scope objectives, coordinating project schedule and deliverables, and coordinating and participating in project status meetings.</p> <p><u>Florida Desire Community Center – New Orleans, LA</u> Project Engineer responsible for HVAC and plumbing design for a new community center building, including equipment selection, development of opinion of probable cost, and editing of specifications. Design of the HVAC system included load calculations, equipment selection, and ductwork layout. Plumbing design included pipe sizing, fixture selection, equipment sizing, and piping layout for domestic water and waste and vent systems.</p> <p><u>Amerihealth 3155 Gentilly MEP Refurbishment – New Orleans, LA</u> Project Engineer responsible for project management as well as HVAC and plumbing design for a new buildout of an existing commercial space. Project responsibilities during design included coordination and design development with architect and client, site visits to determine existing conditions, and design of the HVAC and plumbing systems. HVAC system design included load calculations, equipment selection, and ductwork layout, and plumbing design included pipe sizing, fixture selection, equipment sizing, and piping layout for domestic water and waste and vent systems. Project responsibilities during construction included participating in weekly status meetings, reviewing contractor submittals, answering contractor RFI's, and performing site visits.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Rachel Kenney, P.E. Chief Engineer
Project Assignment:
Chief Engineer & Senior Structural Engineer
Name of Firm with which Associated:

Years' experience with this Firm:
13
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2001 / Civil Engineering
Active registration: Year first registered/discipline:
Professional Engineer – Civil Engineering LA / 2013 / Civil
Other experience and qualifications relevant to the proposed Project:
<p><u>RTA Canal Street Ferry Terminal – New Orleans, Louisiana</u> Managed a multidisciplinary team of designers working with the Owner's Contractor to determine the most cost-effective design that would satisfy project and grant requirements. The project included: a steel pile supported wharf with concrete beams and hollow core concrete panels; a timber pile supported, steel framed terminal building; two steel framed stair/elevator towers connected by a prefabricated steel truss bridge spanning (2) railroad tracks; and half grand union with catenary system.</p> <p><u>Percy Griffin Community Center – Davant, LA</u> Managed a project team for the Structural, Mechanical, and Electrical design of the 14,000 sq ft community center. Responsible for project management, structural design, and construction administration. The building was designed to withstand Category 4 hurricane force winds and included a main floor elevation above the Base Flood Elevation (14'-2").</p> <p><u>Plaquemines Parish Government Lake Hermitage Firehouse – Lake Hermitage, LA</u> Project Manager responsible for managing a project team for the Structural, Mechanical, and Electrical design of the new 3,200 sq ft firehouse. Responsible for project management, structural design, and construction administration for pile supported building, which has a first-floor elevation above the Base Flood Elevation (17'-2") and is designed to withstand Category 4 hurricane force winds. Foundation design included review of geotechnical reports.</p> <p><u>St. Bernard School Board Maintenance Building – Chalmette, LA</u> Project Engineer responsible for the structural engineering design for the new 100,000 sq ft. maintenance facility and storage warehouse. The project included the design of steel framing, masonry structures, and a pile supported concrete foundation and had FEMA allocated funds. The design considered loading from hurricane force winds and loads from equipment and vehicles. The building is used to repair the school boards' cars and buses.</p> <p><u>Sewerage & Water Board Wastewater Treatment Administration Building Design – New Orleans, LA</u> Managed a project team for the mechanical, electrical, and structural design of the 5,000 sq ft administration building. Responsible for project management, structural design, and construction administration.</p> <p><u>St. Claude Avenue Sheriff's Substation – Arabi, LA</u> Project Structural Engineer for the design of a new 3-story criminal sheriff's administration building, incorporating high security aspects as required by the St. Bernard Parish Sheriff's Department. The building consists of steel-reinforced concrete with the bottom of the second floor above the BFE.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Louis Jackson, P.E. Operations and Quality Control Manager Civil Engineer
Project Assignment:
Quality Control Manager Contract Manager
Name of Firm with which Associated:

Years' experience with this Firm:
3
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 1995 / Civil/Structural Engineering
Active registration: Year first registered/discipline:
Professional Engineer – Civil Engineering LA / 2001 / Civil
Other experience and qualifications relevant to the proposed Project:
<p><u>Drainage System Engineering Analysis Project - New Orleans, LA</u> As the project manager and engineer of record for the cleaning and CCTV inspection of over 550K LF of drain lines throughout the City of New Orleans, responsible for the development of an approach to determine appropriate pipe repair recommendations for pipes that were confirmed damaged by Hurricane Katrina. This included coordinating data collection and management efforts as well as working within a GIS environment to evaluate and create 60 reports with pipe repair recommendations.</p> <p><u>City-Wide Drainage Master Plan – New Orleans, LA</u> Served as the project manager for the \$2M City of New Orleans Drainage Master Plan Project. Project Management responsibilities included development of a detailed budget for completion of the project along with development of a detailed project work plan which addressed a multitude of project aspects, including communications and coordination of efforts and quality management. Post project activities have involved becoming a noticeable and credible resource to both governmental and non-governmental organizations seeking to further stormwater management in the New Orleans Metropolitan Region.</p> <p><u>Pontilly Stormwater HMGP Project – New Orleans, LA</u> Served as the senior project manager as well as task leader for the environmental assessment, permitting, cost estimating, and community outreach tasks for the Pontilly Stormwater HMGP Project. Responsibilities included development of initial and updated project budgets and schedules, completion of a preliminary and final Draft Environmental Assessment, participation in multiple formal and informal community meetings, and completion of required permit applications and cost estimates. Because of the nature of the project close coordination has been required across multiple agencies and departments who have a stake in the success of the project.</p> <p><u>Broadmoor Drainage Upgrades and Green Infrastructure Project – New Orleans, LA</u> Senior project manager and lead engineer to guide a multi-disciplined team through the development of a schematic design report and schematic design documents for a project aimed at improving stormwater management within multiple New Orleans Neighborhoods on a very aggressive schedule. Responsibilities included managing landscape architects and civil engineers through the development of a systematic approach to improving the stormwater management aspects of the existing system, effectively increasing the capacity of the system at a lower cost than traditional methods.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Ricardo Contreras, P.E.
Civil Engineering Manager

Project Assignment:

Project Manager

Name of Firm with which Associated:



Years' experience with this Firm:

5

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1994 / Civil Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Civil Engineering
LA / 1999 / Civil FL / 2006 / Civil

Other experience and qualifications relevant to the proposed Project:

Belle Chasse Primary Pre-K – 1 - Plaquemines Parish School Board – Belle Chasse, LA

Designed 9.03-acre site for new primary school, including clearing, grading, concrete surface parking lots, domestic and fire water distribution systems, gas lines, sewer system, and a new sewer treatment.

RTA Napoleon Facility Rehabilitation – New Orleans, LA

Responsible for the structural inspection of the 100-year-old, 11,000 square foot historic building. Additionally, the roof system was inspected to determine its integrity. Designs were created to rehabilitate and modernize the building, with selective demolition plans.

Ben Franklin Elementary School Renovations – New Orleans, LA

Oversaw Infinity's engineering services for structural modifications and repairs to the existing exterior structural brick walls of the school, wooden floors, ceiling, and roof framing, and the addition of a new elevator. Designs included:

- Repair/replacement of the existing brick at select designated locations
- Design of an additional steel bottom plate for reinforcing the existing window openings
- Repair details for damaged floor and ceiling joists
- Performing a detailed non-destructive survey of the existing roof framing system and providing repair details for the roof rafters only
- Specifications on drawings for the addition of an elevator system, which included modifications to the existing building foundation and floor framing.

Dillard University Campus Improvements – New Orleans, LA


Responsible for the improvements and upgrades to multiple systems throughout the Dillard University campus. The project ranged from civil road work to electrical lighting and low voltage communications systems. The designs included the removal of an existing guard shack and foundation at the St. Anthony entrance to realign the entrance and intersecting roads to provide access control via a new guard shack. The roadway realignment also widened the existing roadway, drainage modifications, roadway curbs, sidewalks, and building landing and exit stairs in the parking lot of Albert W. Dent Hall.

Marriott Structural Repairs – New Orleans, LA

Project engineer responsible for developing designs for the installation of new steel column and shoring system to repair structural damage from termites to existing timber joists, beams, and columns.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:
Cindy Gallo, P.E. Structural Project Engineer
Project Assignment:
Structural Project Engineer
Name of Firm with which Associated:

Years' experience with this Firm:
7
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2014 / Civil & Environmental Engineering
Active registration: Year first registered/discipline:
Professional Engineer – Civil Engineering LA / 2019 / Civil
Other experience and qualifications relevant to the proposed Project:
<p><u>New Orleans Union Passenger Terminal Improvements – New Orleans, LA</u> Project Manager responsible for providing Program Management services to the New Orleans Building Corporation (NOBC) associated with infrastructure improvements at the New Orleans Union Passenger Terminal (NOUPT). Served as project liaison between NOBC and all stakeholders including funding sources, representatives of the City of New Orleans, and tenants of the facility. Prepared a Request for Qualifications for Architectural and Engineering and Design Services for the project, which is anticipated to be a Construction Management at Risk project.</p> <p><u>Regional Transit Authority Napoleon Building Renovations – New Orleans, LA</u> Project Engineer on the structural team responsible for analyzing the existing roof structures of two buildings using a model created in RAM Elements. This project consisted of structural, electrical, and mechanical engineering designs for the build out of the RTA Boardroom Facility within the existing Napoleon Avenue building.</p> <p><u>Plaquemines Parish Government Emergency Generators – Belle Chasse, LA</u> Project Engineer on a team responsible for the preparation of a construction drawing and specification package related to the installation of a new generator and ancillary equipment at the Plaquemines Parish Finance Building. Assisted with the design of a new concrete foundation for the generator.</p> <p><u>West Feliciana Parish Riverfront Development – St. Francisville, LA</u> Project manager responsible for organizing the preparation and delivery of a front-end design study to identify potential development options for a Mississippi riverfront property. Coordinated with the owner, West Feliciana Parish representatives, and the Mississippi riverboat companies to gather input for the project site. Prepared conceptual designs and cost estimates for a docking facility for up to three riverboat cruise ships, as well as a welcome center pavilion. Additionally, the project consisted of civil and structural design for a passenger terminal, visitor parking, bus access, fishing services, walking trails, pavilions, and an amphitheater.</p> <p><u>Regional Transit Authority Canal Street Ferry Terminal CMAR – New Orleans, LA</u> Project Engineer part the structural team responsible for the preparation of a construction drawing and specification package related to the installation of a new terminal building. Coordinated with the project lead, the Owner, and the architect to ensure the client's needs were addressed.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Robert Haydel
Civil Project Engineer

Project Assignment:

Civil Project Engineer
Hydrologic and Hydraulic (H&H) Study

Name of Firm with which Associated:



Years' experience with this Firm:

2

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 2005 / Physics
Master of Science / 2007 / Civil & Environmental Engineering

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

With over 14 years of civil engineering experience, Robert Haydel is proficient in construction and project management with experience in managing grant proposals. Mr Haydel's specialties include infrastructure assessment, stormwater system design, and urban hydraulics/hydrology modeling. Specific major project relevant to Jefferson Parish's need for drainage conveyance and roadway rehabilitation includes:

New Orleans Drainage Master Plan – New Orleans, LA

Worked within a project team to develop a SWMM model to improve the conveyance of stormwater across the City of New Orleans. This master plan set out to convey the entire stormwater from a 10-year storm event.

New Orleans Redevelopment Authority HMGP Project - New Orleans, LA

Designed low impact stormwater development and best management practice strategies, developed green infrastructure calculation processes, and created multiple SWMMs for design analysis. In addition, designed the neighborhood stormwater management strategy with existing local and state roadway guidelines and standards while introducing porous pavement technologies.

Ridgelake Drive Drainage Improvements - Metairie, LA

Designed roadway gradients to create positive cross-sectional and longitudinal drainage. Additionally, identified concrete roadway pavement sections for replacement.

St. Roch North Roadway Repair – New Orleans, LA

Project Manager responsible for leading a team in designing the complete street replacement in the St. Roch neighborhood. The project required replacement of roadways, sidewalks, and driveways with the addition of ADA compliant ramps. Designs included roadway gradients to create positive cross-sectional and longitudinal drainage. Hydraulic design/analysis was also required for drainage system design.

Mid-City Street Repairs Group B – New Orleans, LA

Designed roadway pavement and curbing, base for the roadway pavement, subsurface drainage, water and sanitary sewer installation, and adjustments as required to driveways and intersecting streets.

Lakeview Roadway Restoration – New Orleans, LA

Responsible for maintaining and organizing field construction activities for extensive roadway and utility repairs across the Lakeview area. As a field manager, proposed necessary construction changes and documented project progress.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Gregory Lintinger, P.E.
Senior Electrical Project Engineer

Project Assignment:

Electrical Project Engineer
Electrical Power & Controls

Name of Firm with which Associated:



Years' experience with this Firm:

10

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1985 / Electrical Engineering

Active registration: Year first registered/discipline:

Professional Engineer – Electrical Engineering
LA / 1995 / 23878

Other experience and qualifications relevant to the proposed Project:

City of New Orleans Jackson Square Renovations – New Orleans, LA

Electrical Engineering Manager responsible for supervision of electrical engineering teams' fast review of the existing electrical systems for the historic square. Electrical systems to provide power for festival events, stage events, power to the four quadrants of the square, renovation of the existing fountain's pump system and lighting, refurbish existing historic gas lanterns to **LED lamp systems**, **new automated sprinkler system**, **new power distribution system** from local utility underground network system.

Orleans Parish Hospital Services District A – New Orleans East Hospital

Electrical Engineering Manager for the electrical design of the on-site storage of electrical, water, sewer, medical gas, fuel oil, fiber and natural gas utilities from the project boundary to the utility access points, e.g. transformers, switches, **parking area and helipad lighting and controls**, which included the underground electrical utility and switchgear.

St. John the Baptist School Board Lake Pontchartrain Elementary School – Laplace, LA

Electrical Engineering Manager responsible for supervision of electrical systems design-engineering of the new elementary school including, lighting, **lighting controls**, **emergency lighting**, **power distribution system**, HVAC Chiller System with VAV units, and air handling systems power, fire alarm system, fiber optic back boned data and communications, site lighting, intercom and clock system, smart boards, security, and CCTV.

Municipal Traffic Courts Building – New Orleans, LA

Electrical Engineering Manager for the New Orleans Municipal-Traffic Court Building Renovations, including construction documents in development, electrical lighting, power, fire alarm and detection modifications, public address, data, telephone, and special systems. Designs included developing main service equipment and **panel details**; determining service size and resulting fault currents; placement of all life safety devices; **interior lighting and power plans**; and interior signs and emergency lighting.

Department of Veterans Affairs Camp Villere Armory VA Cemetery – Slidell, LA

Electrical Engineering Manager for the **electrical design of (3) new buildings** on site at the new Veterans Cemetery at Camp Villere National Guard Armory in Slidell, Louisiana. Designs include a 3100 sq ft administrative building, a 5200 sqft. vehicle maintenance and storage facility, 750 sq ft committal shelter, two sewer package plants and fuel storage dispensing systems.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

John C. Lawrence, P.E.
Senior Electrical Project Engineer

Project Assignment:

Senior Electrical Project Engineer

Name of Firm with which Associated:



Years' experience with this Firm:

<1

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1990 / Civil Engineer

Active registration: Year first registered/discipline:

Professional Engineer – Electrical Engineering
LA/1998/Electrical

Other experience and qualifications relevant to the proposed Project:

Phillips 66 – Lead Electrical Engineer

- Unit 592 Acid Gas SIL-2 System Installation
- 230kV Substation with Two 230kV to 34.5kV
- 120MVA Transformers, Switchyard and Switchgear Building
- Post Hurricane IDA Recovery - provided design for temporary generators at substation buildings and rebuilding 5kV and 480V switchgear

AECOM – Senior Electrical Engineer

- Substation, Transmission and Distribution Rehabilitation - Scoville Power and Light
- Selenium Reduction Unit - Holly Frontier Refinery
- CO2 Compressor Installation - Cornerstone Chemicals
- Flue Gas Desulfurization Modifications - Santee Cooper Winayh
- Bottom Ash Dewatering Project for First Energy Power Generating Plant

Entergy Corporation – Senior Electrical Engineer

- Nine Mile Unit 4 Generator 900MVA Step up Transformer Replacement
- Nine Mile Unit 6 Combined Cycle Generation Plant Construction Assistance
- Michoud Auxiliary Boiler Demolition


URS Corporation – Project Electrical Engineer

- Southern Company Georgia Power Plant Hammond Generating Plant Flue Gas De-Sulfurization
- Valero Delaware City Refinery Crude Unit Heater Revamp
- Santee Cooper Winyah Generating Station Units 3&4 IFO Conversion


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:	
Canal Street Ferry Terminal Design and Construction New Orleans, LA New Orleans Regional Transit Authority Darrell LaFrance 504-827-8393	<p>The RTA Canal Street Ferry Terminal offers ferry access to Algiers, LA on the opposite bank of the Mississippi River. Previously utilized for vehicles, the ferry has since been repurposed to focus solely on pedestrian traffic. The RTA selected Infinity Engineering to be the prime consultant to design the reconfiguration of the terminal specifically for foot traffic.</p> <p>Per the conceptual drawings, the new terminal will include a new dock structure to infill the space between the two neighboring wharf structures where the current ferry terminal is located. Infinity is providing engineering designs and developing construction drawings for selected portions of this project, which includes the following design elements:</p> <ul style="list-style-type: none"> • Demolition plans and modification of neighboring wharfs • Modifications to the existing boarding barge, including new pedestrian gangways and lighting • Design of new wharf structure • New ferry terminal building structural designs • Ferry terminal building mechanical/electrical/plumbing designs • Structural design of architectural canopy supports • Subsurface utility relocation designs • Streetcar track designs 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2023 (E)	\$32,000,000	\$32,000,000

PROJECT NO. 2


Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
St. Claude Avenue Sheriff Substation Arabi, LA St. Bernard Parish Government Matthew Falati, P.E. 504-278-4300	<p>This FEMA-funded project included the design of a 3-story criminal sheriff's administration building for St. Bernard Parish. Infinity designed all civil, structural, mechanical, and electrical components. The structural and electrical designs incorporated high security aspects. The building consists of steel-reinforced concrete with the bottom of the second floor above the BFE.</p> <p>The building's foundation consists of timber piles with concrete pile caps. The pile caps support reinforced concrete columns that extend up to integral concrete ledger beams. The ledger beams support precast hollow core panels that form the first level's floor. The concrete ledger beams support steel columns and additional framing for the second and third floors. Steel framing and bar joists support concrete filled metal pan flooring and a metal pan built up roof. This structure was designed to meet the International Building Code, exceeding the LA Uniform Construction Code.</p> 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Completed: 2014	\$2,100,000	\$985,000

TEC Professional Services Questionnaire

PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Braithwaite Auditorium Design Braithwaite, LA</p> <p>Plaquemines Parish Government Byron Williams 504-297-5560</p>	<p>Infinity engineering and hazard mitigation design services for the new 7,800 sq ft auditorium. This FEMA-funded project replaced the previous Braithwaite Auditorium, which was damaged by Hurricane Katrina flood waters and winds.</p> <p>Infinity's services included all structural, electrical, mechanical, fire protection and plumbing components, as well as construction administration, for the new auditorium. The new building features a 6,500 sq. ft. open auditorium and stage area, catering kitchen/concession space, and restrooms. The finished floor is elevated 21 feet above the Advisory Base Flood Elevation (ABFE).</p> <p>For the mechanical HVAC design, an elevator lobby is located on the ground level with a ductless split air conditioning system. The second level is conditioned via two independent mechanical systems. The auditorium and stage are conditioned via a rooftop air conditioning unit with an energy recovery ventilator providing fresh air. The kitchen/concessions area and restroom are conditioned via a split system air conditioning system. The building is protected with a wet pipe sprinkler system.</p> 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Completed: 2012	\$2,800,000	\$1,100,000

PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">East Bank Wastewater Treatment Plant Administration Building New Orleans, LA</p> <p>Sewerage & Water Board of New Orleans Reid Dennis, P.E. 504-865-0459</p>	<p>The East Bank Wastewater Treatment Plant Administration Building project consisted of the complete demolition and replacement design for the New Orleans Sewerage & Water Board. The original single-story 4,000 sq ft building was destroyed by storm water and wind. This project was FEMA funded and included assessment of damages due to flooding and wind, writing project worksheets with construction cost estimates for submittal to FEMA, preparing plans and specifications for a brand-new elevated building. Infinity Engineering's scope included, but was not limited to:</p> <ul style="list-style-type: none"> •Coordination with NO S&WB and FEMA personnel for strategic planning of replacement/repair operations •Facilities and equipment demolition planning and design coordination •Providing structural design for an elevated concrete slab building foundation •Design of all mechanical and plumbing systems •Design of all electrical power and lighting, fire protection systems 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Completed: 2013	\$2,500,000	\$2,500,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Harbor of Refuge Design & Construction Jesuit Bend, LA Plaquemines Parish Government John Helmers 504-934-6297	<p>Infinity has been serving as the prime consultant to provide engineering and design services associated with the development of a harbor of refuge for commercial fishing vessels in Empire, LA. The project area consists of approximately 16 acres of land and surface water located off Hwy 23 south of the Empire Mississippi River Locks.</p> <p>The aim of the project is to develop a facility that will serve as a harbor of refuge for 30 to 50 vessels during adverse weather, while also providing opportunities to support the growth of the Plaquemines Parish fishing economy. The newly built facilities will provide opportunities for small recreational gatherings as well as educational elements about the importance of coastal protection and restoration to the State of Louisiana. The project includes the following civil, structural, mechanical, and electrical design elements:</p> <ul style="list-style-type: none"> • New Harbor Master Building • 20,000 SF Open Air Pavilion • Storage for 50+ fishing vessels during periods of pending disaster • New Parking Area with Green Infrastructure Elements • On-Site Wastewater Treatment 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2023 (E)	\$4,100,000	\$4,100,000



PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Lake Hermitage Firehouse Port Sulphur, LA Plaquemines Parish Government Bill Serpas 504-274-2471	<p>Infinity provided design of all structural, mechanical, plumbing, and electrical components, including construction administration for the design and construction of a new 3,200 sq.ft. fire station. Mechanical design included services for two split system air conditioning systems to serve the community room, kitchen, and offices. Plumbing design services included plumbing for the toilet rooms and kitchen.</p> <p>The firehouse has a first-floor elevation above the Base Flood Elevation and is supported by composite piles (timber and concrete with steel shell) with concrete pile caps. Concrete columns extend to integral ledger beams, which support the precast concrete hollow core panel floor. The ledger beams also support steel columns and roof framing. The exterior walls of the main floor are reinforced CMU. The structure was designed to meet the International Building Code, exceeding the LA Uniform Construction Code.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Completed: 2009	\$1,700, 000	\$550,000



TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Port of New Orleans Elmwood Warehouse Renovation Harahan, LA</p> <p>Port of New Orleans Christine Nguyen 504-528-3416</p>	<p>Infinity served as the prime consultant for the design of the warehouse renovation which included civil/structural, mechanical, and electrical engineering. Infinity provided a 3D scan of the interior of the warehouse. Construction administration services included coordinating with the selected contractor, performing submittal review, reviewing, and responding to RFIs, reviewing and preparing recommendations. Infinity was responsible for the following design tasks:</p> <ol style="list-style-type: none"> 1. Civil Design: Civil design components consisted of updating the roof system (10,000 sf), pavement design to accommodate the turning radius of vehicles classified as WB-67, and repairing concrete. 2. Structural Design: Structural design components consisted of walls that are 16.5' in height, exterior wall demolition to provide overhead doors (20'X12') and personnel doors (2). Additionally replacing the exterior wall where the old overhead door was located. 3. Mechanical Design: Engineering of the new duct configuration, HVAC design, and consisted of calculating ventilation and heat load. Performing a code review on the warehouse unit, relocating the existing sprinkler system. As well as provide CO and NO2 monitors with louvers. 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Completed: 2021	\$1,400,000	\$1,400,000



PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>RTA Napoleon Facility Structural Analysis and Weatherization New Orleans, LA</p> <p>Brittney Barnes, LEED AP BD+C Landmark Consulting, LLC 504-524-8880</p>	<p>The Regional Transit Authority's Napoleon Facility, which is included on the National Register of Historic Places, is slated for renovation. Infinity inspected the mechanical, structural, plumbing fire protection and electrical systems of the 16,000 sq ft building. After inspection, Infinity proposed underpinning of the foundation, repair of the walls and roof framing, as well as mechanical and electrical upgrades and repairs to the building.</p> <p>The structure's partially failed foundation caused one wall to lean, fracturing adjacent walls and floors. Also, the roof framing was in need of partial replacement and repair. Infinity worked with an architect to tailor renovations around preservation of the historic features of the building. Demolition plans included the selective demolition of interior walls and portions of steel truss roof support framing to create larger interior spaces and to facilitate replacement of portions of corroded roof framing. They also included demolition of existing mechanical, electrical, and fire suppression systems for replacement.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
8/2023 (Estimate)	\$3,000,000	\$3,000,000



TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>New Orleans East Hospital Expansion New Orleans, LA</p> <p>Parish Hospital Services District A Karl Warner 504-592-6875</p>	<p>The New Orleans East Hospital expansion project included the addition of an approximately 193,000 sqft, three-story structure to the existing six-story East Tower. The design included ambulatory/emergency services, patient care, surgery, critical care, public, dietary, imaging, and associated support services. Site work included revisions to existing surface parking areas and new public utility entrances.</p> <p>Infinity Engineers provided services including the design of specialized waste, sanitary waste, rainwater drainage, and domestic water for the hospital. We also designed the on-site storage of electrical, water, sewer, medical gas, fuel oil, fiber, and natural gas utilities from the project boundary to the utility access points. Electrical designs included transformers, switches, parking area and helipad lighting and controls, which included the underground electrical utility and switchgear.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
	Completed: 2014	<p>\$68,000,000</p> <p>\$13,600,000</p>



PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Lake Pontchartrain Elementary School LaPlace, LA</p> <p>St. John the Baptist School Board 118 West 10th Street Reserve, LA 70084</p>	<p>Infinity provided the design of new HVAC, plumbing and electrical systems for the all-new 95,000 sq ft Lake Pontchartrain Elementary School. Mechanical designs included all new air-cooled chillers, high efficiency boiler, primary/secondary four-pipe chilled water/hot water system, VAV air handling units with hot water reheat, commercial kitchen exhaust and makeup air, plumbing and domestic hot water systems, and specified the type of fire protection system for wet sprinkler, and dry pipe fire protection.</p> <p>Infinity designed all electrical systems for the new elementary school, including the power distribution system; back bone fiber optic communication distribution system for all data systems (IP-based telephone and security system, voice evacuation system, tie-in to school board mass notification system); fire alarm system; intercom and clock systems; closed circuit television system; and battery back-up for emergency lighting and communications.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
	Completed: 2018	<p>\$22,500,000</p> <p>N/A</p>



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. Not Applicable	Not Applicable	Not Applicable
2.		
3.		
4.		

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

Infinity Engineering Consultants, LLC is a dynamic, multi-discipline engineering consulting firm comprising of civil, structural, mechanical, and electrical capabilities. This multi-discipline approach allows Infinity's engineers to produce designs in open collaboration from project inception through completion.

With over (18) eighteen years of engineering design and construction administration experience, Infinity's team of civil, structural, mechanical, and electrical engineers have provided complete designs for the public and private sector, including: **facilities, drainage pumping stations, water treatment plants, flood walls, and marine docks, as well as construction management for these types of projects.** Infinity Engineering Consultants, LLC is a registered Louisiana engineering firm (License No. 3109) and is in full compliance with Louisiana state law. Additionally, Infinity is a registered DBE firm with the Louisiana Unified Certification Program for Disadvantaged Business Enterprises, the City of New Orleans, and the Regional Transit Authority of New Orleans.

1. Professional Training and Experience in Relation to the Type of Work Required for the Program Management Services

Key Personnel Qualifications and Experience

Infinity has assembled a dynamic group of engineers to achieve all the required field investigation, testing, design, and construction administration needed for the successful completion of an assigned structural engineering project. As a multi-disciplinary firm, Infinity has the in-house abilities to perform all engineering design work for structural engineering related projects.

2. Size of Firm Considering the Number of Professional and Support Personnel Required to Perform the Type of Program Management Tasks

Infinity employs (11), full-time, licensed professional engineers, many with over twenty (20) years of experience. Beyond Infinity's professionally licensed engineers, Infinity employs 40 total personnel ranging from engineering interns to administrative staff. Qualifications and experience of Infinity's technical staff are contained within the TEC form.

William Thomassie, P.E.	Principal	Civil Engineer	Experience: 30 years
Raoul Chauvin, P.E.	Principal	Mechanical Engineer	Experience: 31 years
Rachel Kenney, P.E.	Chief Engineer	Civil Engineer	Experience: 19 years
Louis Jackson, P.E.	Ops & QA/QC	Civil Engineer	Experience: 25 years
Ricardo Contreras, P.E.	Civil Engineering Manager	Civil Engineer	Experience: 25 years
Cindy Gallo, P.E.	Structural Project Engineer	Civil/Structural Engineer	Experience: 7 years
Laura Kelly, P.E.	Mechanical Manager	Mechanical Engineer	Experience: 13 years
Stephen Gholston, P.E.	Mechanical Project Engineer	Mechanical Engineer	Experience: 21 years
John Lawrence, P.E.	Principal Electrical Engineer	Electrical Engineer	Experience: 32 years
Gregory Lintinger, P.E.	Electrical Project Engineer	Electrical Engineer	Experience: 45 years
Matthew Torres, P.E.	Electrical Project Engineer	Electrical Engineer	Experience: 5 years

3. Capacity for Timely Completion of Newly Assigned Work, Considering the Factors of Type Engineering Task, Current Unfinished Workload, and Person or Firm's Available Professional and Support Personnel

TEC Professional Services Questionnaire

Infinity's current workload is well-suited to provide engineering services to Jefferson Parish. Infinity has completed or is in the design completion stage of several Jefferson Parish improvement projects, including, Ridgelake Drainage and West Metairie Ave Rehabilitation, that will allow necessary personnel the uninterrupted ability to focus on the completion of the Woodlake drainage pump station project. Therefore, it is an ideal time for Infinity to take on additional work.

Concerning Infinity's diligence to deliver on assigned tasks for major infrastructure projects, AECOM's Project Manager for the design of the Regional Transit Authority's Loyola and St. Claude streetcar projects, Bill Norquist, P.E. commented, *"The design of the new streetcar lines were high-profile projects for the New Orleans Regional Transit Authority (RTA) and for the City of New Orleans, and Infinity Engineering provided design and construction-phase design support for the preservation and/or relocation of the existing utilities within the new rail corridor. They worked efficiently and effectively to coordinate their design with local utility companies so that their utility engineering design could be implemented within the very tight schedule constraints of the project while minimizing the effects of the required changes on the public...The success of the Loyola Streetcar project was due, in part, to the exceptional design work by Infinity Engineering."*

4. Past Performance by Person or Firm on Public Contracts

Since Infinity's inception, we have worked closely with our neighboring parishes to provide design services involving high-pressure/high-capacity pumps, subsurface drainage, discharge piping, electric panels, MCCs and switchgears. Infinity points to past successes as a token of our reputation as a responsible and capable technical resource for Jefferson Parish on this project.

To quote Ken Dugas, P.E., Plaquemines Parish Public Works Director regarding Infinity's design of the \$16.5MM Ollie Drainage Pump Station Expansion *"....Infinity worked on a variety of packages for PPG, but none more so than the Ollie Pump Station Expansion. They completed a very thorough drainage study to justify expanding the station....The addition was constructed with less than 2% overruns for change orders....the station has performed, as designed, through several rain events and hurricanes."*

For the Ollie Drainage Pumping Station expansion, Infinity was the prime consultant in providing civil, structural, mechanical, and electrical engineering. The increased capacity of the drainage pump station provided additional flood protection to over 3000 acres across Plaquemines Parish. Infinity created designs for the addition of two (2) new 300 CFS drainage pumps, as well as the structural and electrical designs to implement such a facility expansion.

All of Infinity's projects are completed by, or under the direct supervision of a licensed engineer and based on his/her experienced subject matter. Infinity's QA/QC procedure provides that all drawings and specifications are further checked before leaving our office. Per Bill Rivera, P.E., **Port of New Orleans Planning & Facilities Manager** on the design of a new drainage pump station, *"Infinity's design team assured the needs and goals of the Port for this project were fulfilled."*

5. Location of the Principal Office Where Work Will be Performed

Infinity's only office is located in the **Fat City area of Metairie, LA**, just 15 minutes away from Jefferson Parish's Joe Yenni building. Therefore, distance will not hinder our ability to conduct fieldwork whenever necessary. We have executed multi-million-dollar projects throughout Louisiana, Texas and as far away as Pennsylvania, and the Bahamas. More importantly, the communication between our office, our teaming partners, and the Jefferson Parish will determine the project's success. Infinity has a history of building strong relationships with our teaming partners

6. Adversarial legal proceedings between the Parish and the person or firm performing professional services, in which the Parish prevailed or any ongoing adversarial legal procedures between the Parish and the person or firm performing professional services, excluding those instances or cases where the person or firm was added as an indispensable party, or where the person or firm participated in or assisted the public entity in prosecution of its claim

Infinity is not involved in any adversarial legal proceedings with Jefferson Parish.

TEC Professional Services Questionnaire

7. Prior Successful Completion of Projects of the Type and Nature of the Engineering Services, as Defined, for which Firm has Provided Verifiable References

As illustrated in Section L of Infinity's TEC Questionnaire, we have completed projects involving structural engineering while working alongside an architectural firm for Jefferson Parish and other local municipalities.

- Mahalia Jackson Theater of the Performing Arts Renovation
- Ben Franklin Elementary Renovations
- Dillard University Campus Improvements
- St. Bernard School Board Maintenance Building
- Percy Griffin Community Center Design & Construction

The team proposed for this project is comprised of engineers and professionals well-suited for the scopes of work identified in the RFQ. Per Reda Youssef, P.E. former Jefferson Parish Director of Capital Projects, **"Infinity Engineering Consultants has successfully completed the designs for the Wedmore and Bannerwood Drainage projects, as well as the design of the parish's new EOC tower. Their team is competent, easy to work with, and communicates well. I would highly recommend Infinity for these types of projects."**

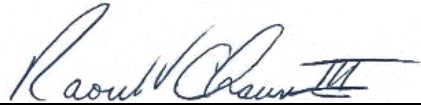
Closing Statement

Infinity's growth, resilience, and repeat business in the municipal and industrial sectors is proof of our reputation. We take great pride in that and expect to continue to build the same trust with Jefferson Parish. As stated above, the engineering pool for routine architectural services is an important endeavor for Jefferson Parish. Its success will afford comfort and convenience for present and future users, as the Jefferson Parish community continues to grow and thrive. Improved sanitation leads to a healthier and more vibrant community.

Infinity Engineering recognizes the importance of this program and has assembled the most qualified team to handle all aspects of the projects. Thank you for taking the time to learn more about Infinity Engineering Consultants, LLC. We look forward to working with you to grow and enhance our communities together.

Infinity Engineering Consultants, LLC.
rchauvin@infinityec.com
(504) 304-0548

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

Signature:  **Print Name:** Raoul V. Chauvin, III, P.E.
Title: Principal **Date:** January 18, 2023

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

**Professional Architectural and Engineering Services on an As-needed Basis
for Architectural Type Projects located throughout the Parish**

SOQ 23-001 | Resolution No. 140999

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 <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 & 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: <u>24</u> (all personnel, primary and support, will be available on all assigned projects)		

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

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

Project Assignment:

Registered Professional Land Surveyor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

41 years (Founding Principal of BFM in 1982); 56 years total (1967)

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:

- Parish-Wide Safe House Program, Jefferson Parish, LA
- Treasure Chest Casino, Kenner, Jefferson Parish, LA
- Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA
- Peter C Bertucci Elementary School (Ames Farms/Lower Estelle Plantation), Jefferson Parish, LA
- West Bank Bus Stop Improvements, Jefferson Parish, LA
- New Facility (15 Acres), Jefferson Parish, LA
- Clancy-Maggiore Elementary School for the Arts Survey, Kenner, Jefferson Parish, LA
- East Bank Water Treatment Plant Project Water and Utility Line Survey, Jefferson Parish, LA
- Lincoln Elementary School, Marrero, Jefferson Parish Public Schools, Jefferson Parish, LA
- East Bank Bus Stop Improvements, Jefferson Parish, LA
- Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA
- Grace Elizabeth King High School, Jefferson Parish, LA
- Kate Middleton School - 3D Scanning Services (Building Interior), Gretna, Jefferson Parish, LA
- Parish School Board Facilities Building Complex, Gretna, Jefferson Parish, LA
- Memorial Baptist Church and School, Jefferson Parish, LA
- The New Liberty - Gretna No. 2 Academy, Jefferson Parish, LA
- Churchill Farms, Jefferson Parish, LA
- West Jefferson Medical Center (WJMC) Emergency Generators, Jefferson Parish, LA
- Woods Elementary School, Kenner, Jefferson Parish, LA
- Belle Chasse Water Plant Intake, Belle Chasse, Jefferson Parish, LA
- Grand Isle Multiplex Center, Jefferson Parish, LA
- West Bank Regional Library, Harvey, Jefferson Parish, LA
- Fulton Street Pump Station, Jefferson Parish, LA
- Woodmere Community Center Parcel K, Woodmere Subdivision Section 1, Jefferson Parish, LA
- Jefferson Parish Sheriff's Office at Parc Des Familles, Jefferson Parish, LA
- Updated ALTA/ACSM, Courtland Park Subdivision, Jefferson Parish, LA
- Natchez Landing Apartments, Metairie, Jefferson Parish, LA
- Lasalle Rest Room Building, Jefferson Parish, LA
- Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA
- Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA
- Kate Middleton School - 3D Scanning Services (Building Exterior), Gretna, Jefferson Parish, LA
- Patrick Taylor School, Jefferson Parish Public Schools, Jefferson Parish, LA
- West Jefferson Medical Center, Jefferson Parish, LA
- Marerro 911 Building, Jefferson Parish, LA
- Harold Keller Elementary School, Metairie, Jefferson Parish, LA
- Marrero Wastewater Treatment Plant Operations Building, Jefferson Parish, LA
- Rivarde Maintenance Facility, Jefferson Parish, LA
- Haynes Academy School, Metairie, Jefferson Parish, LA

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

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

Project Assignment:

Engineering Liaison

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

6 years (became partial owner of BFM in 2017); 30 years total (1993)

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:

Kate Middleton School - 3D Scanning Services (Building Exterior), Gretna, Jefferson Parish, LA. BFM's surveying services included a 3D scanning survey of the building exterior. (\$8,950 (fee); 2018)

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Chad M. Poché, P.E. (continued)

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

Fire Station No. 12, Jefferson Parish, LA. BFM executed a boundary & topographic survey for the project; this involved a survey with improvements, benchmarks, elevations (25 ft intervals across the site & at all breaks in grade), and cross sections extending to the opposite edge of Brooklyn Street and Jefferson Highway. These were further carried 25 ft beyond the side property lines. (\$7,411 (fee); 2018)

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

East Bank Water Treatment Plant Improvements, Jefferson Parish, LA. 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. (\$19,703 (fee); 2018)

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

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

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

John Philip Thayer
Field Operations Supervisor

Project Assignment:

Field Operations Supervisor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

15 years (joined BFM in 2008); 16 years total (2007)

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.

East Bank Water Treatment Plant Improvements, Jefferson Parish, LA. 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. (\$19,703 (fee); 2018)

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

Solis Elementary School, Jefferson Parish, LA. BFM provided boundary and topographic surveying of the Solis Elementary School (Parcel 13, Square 29) in the Meadowbrook subdivision for the Jefferson Parish School Board. (\$3,120 (fee); 2008)

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

John Philip Thayer (continued)

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)

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

Jefferson Parish Sheriff's Office at Parc Des Families, Jefferson Parish, LA. BFM provided boundary and topographic surveying services for the Jefferson Parish Sheriff's Office at Parc Des Families (Estelle; Section 1, T1fS-R23E). (\$9,600 (fee); 2008)

Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA. BFM executed a site-specific topographic survey for the project, located at 1201 Elise Avenue in Metairie. (\$9,290 (fee); 2020)

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


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

Memorial Baptist Church and School, Jefferson Parish, LA. BFM provided surveying services for the project, which included boundary survey, location of improvements (including parking areas), and staking of property corners every 100 feet. BFM also executed a Survey Update with Builder's Package for the site at a later date. (\$15,200 (fee); 2020)

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

Henry Ford Elementary School (JPSB 2007-62), Jefferson Parish, LA. BFM provided topographic surveying services to the Jefferson Parish School Board for this project at Henry Ford Elementary School. (\$2,120 (fee); 2008)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
<p>Gary J. Lambert, Jr., PLS Registered Professional Land Surveyor</p>
Project Assignment:
Registered Professional Land Surveyor; Project Manager/Drafting Supervisor
Name of Firm with which associated:

Years experience with this Firm:
5 years (joined BFM in 2018); 12 years total
Education: Degree(s)/Year/Specialization:
<p>B.S., 2018, Geomatics, Nicholls State University B.S., 2014, Construction Management, Louisiana State University</p>
Active registration: Year first registered/discipline:
2021, Professional Land Surveyor (Louisiana Lic. No. 5929)
Other experience and qualifications relevant to the proposed Project:
<p>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.</p> <p>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.</p> <p>Mr. Lambert has completed Basic OSHA Training and holds license with the Gulf Coast Safety Council (08SSV, ID429523).</p> <p>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,</p>

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

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

establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate. (\$47,461 (fee); 2020)

East Bank Water Treatment Plant Improvements, Jefferson Parish, LA. 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. (\$19,703 (fee); 2018)

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

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

Expansion of the Port of New Orleans Cold Storage Facility, Port of New Orleans, LA. BFM provided surveying services for the Cold Storage Facility Expansion Project, located at 3411 Jordan Road, for the Port of New Orleans, Louisiana. The scope of services included a topographic survey; this included establishing three temporary benchmarks (TBMs) and location of improvements & utilities. Spot elevations were taken at 25 foot intervals and at grade breaks within the limits of survey. (\$29,710 (fee); 2020)

Construction Layout Surveying, Port of New Orleans Cold Storage Facility, Port of New Orleans, LA. BFM Corporation provided surveying services for the Construction Layout of the project, including layouts for piles, building, curbing/roadway, and utilities, as well as grading. BFM also established horizontal and vertical control for the site prior the start of construction. Other services include providing certificates for both Top of Form (TOF) and FEMA Elevation, as well as the As-Built Survey upon project completion. (\$65,000 (fee); 2021)

Mid City Apartments Phase II, New Orleans, LA. BFM provided comprehensive surveying services associated with Phase II of the Mid City Apartments project in New Orleans. This phase involved the construction layout survey of the Apartment Building and Parking Garage, which consisted of shooting existing elevations, provision of corners, and staking piles. After project completion, an As-Built Survey was executed for both buildings. (\$54,000 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Christopher Lemley
Quality Control Supervisor

Project Assignment:

Quality Control Supervisor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

9 years (joined BFM in 2014); 17 years total (2006)

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

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).

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

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

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Christopher Lemley (continued)

Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA. BFM executed a site-specific topographic survey for the project, located at 1201 Elise Avenue in Metairie. (\$9,290 (fee); 2020)

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

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

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

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)

East Bank Water Treatment Plant Improvements, Jefferson Parish, LA. 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. (\$19,703 (fee); 2018)

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Thomas O. Wright
Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

15 years (joined BFM in 2008); 46 years total (1977)

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.

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

Lafreniere Park Healthtrak Project, Metairie, Jefferson Parish, LA. BFM Corporation provided topographic surveying for the Healthtrak project located at Lafreniere Park in Jefferson Parish, Louisiana. BFM has worked on multiple projects throughout Lafreniere Park; the data gathered on this project was incorporated into BFM No. 9856, a Route Topographic Survey for the Lafreniere Park ADA Repairs project. The continuation located improvements and utilities & piping; boundary for the project was surveyed and determined. (\$14,660 (fee); 2022)

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:

33 years (joined BFM in 1990); 33 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.

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

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Eric Gladney
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:

9 years (joined BFM in 2014); 22 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:

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

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

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Jeff Patin

Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

4 years (joined BFM in 2019); 24 years total (1999)

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

Transportation Work Identification Card (TWIC)

Other experience and qualifications relevant to the proposed Project:

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.

Lapalco Boulevard Bridge at Harvey Canal, (PW 2017-046-RBP; DOTD H.004396), Jefferson Parish, LA. BFM 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, 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)

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Anthony Watson

CADD Technician

Project Assignment:

CADD Technician

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

12 years (joined BFM in 2011); 32 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:

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.

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)

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

TEC Professional Services Questionnaire

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:

5 years (joined BFM in 2018); 8 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.

Expansion of the Port of New Orleans Cold Storage Facility, Port of New Orleans, LA. BFM provided surveying services for the Cold Storage Facility Expansion Project, located at 3411 Jordan Road, for the Port of New Orleans, Louisiana. The scope of services included a topographic survey; this included establishing three temporary benchmarks (TBMs) and location of improvements & utilities. Spot elevations were taken at 25 foot intervals and at grade breaks within the limits of survey. (\$29,710 (fee); 2020)

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)

Tanks 3 & 4, Louis Armstrong New Orleans International Airport, Kenner, LA. BFM was tasked to provide a boundary, topographic, & utility survey for the project. Scope included establishing a baseline relative to the project sites, setting temporary benchmarks, and location of all improvements (utility et al) and natural elements (trees & etc.) SUE work was provided by subconsultant. Final survey deliverables incorporated all elements. (\$29,500 (fee); 2020)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Kevin A. Roberts

CADD Technician

Project Assignment:

CADD Technician

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

5 years (joined BFM in 2018); 38 years total (1985)

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. (\$4,450 (fee); 2020)

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

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

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:

14 years (joined BFM in 2009); 26 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.

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

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

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

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:	
Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, Louisiana Meyer Engineers Ltd. 4937 Hearst Avenue, Suite 1B Metairie LA 70001 Jennifer Wickham, 504-885-9892 jwickham@meyer-e-l.com		BFM prepared a site-specific topographic survey for the project site. The scope of services included location of utilities (water & sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark (TBM) and Construction Benchmark (CBM), locating existing improvements, natural elements, and other topographic features.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2020 (September)		N/A	\$9,050 (fee)

PROJECT NO. 2

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. 3		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, Louisiana CDW Services, LLC 721 Papworth Ave Ste 101 Metairie LA 70005 Kevin Myles, 504-828-2061 kmyles@cdwservices.com	BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 (January)	N/A	\$4,450 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
East Jefferson General Hospital, Metairie, Jefferson Parish, Louisiana Chehardy Sherwin Williams 1 Galleria Boulevard, Suite 1100 Metairie LA 70001 Charles Taylor	BFM's scope of services for the project involved a boundary survey with sidewalk location, covering the area along the northerly side of Ithaca at the westernmost driveway-accessing parking lot. Spot elevations were taken at 5 ft. intervals. Property corners were also located in the survey.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 (August)	N/A	\$2,275 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
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)

PROJECT NO. 6		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Rivarde Maintenance Facility, Jefferson Parish, Louisiana</p> <p>Burgdahl & Graves Architects 2550 Belle Chasse Hwy, Suite 130 Gretna LA 70053</p> <p>Russell I. Burgdahl, 504-366-4433 rburgdahl@burgdahlgraves.com</p>	<p>BFM provided boundary and topographic surveying services for the Rivard Maintenance Facility project, located at 1651 Manhattan Boulevard in Harvey. Scope included establishing a baseline parallel to Manhattan Boulevard; setting temporary benchmarks (TBMs) & construction benchmarks (CBMs) on or near the site; establishing cross sections on a 25 ft grid; FF elevations of all buildings. Product to be drawn so that a single R/W (right-of-way) is parallel to at least 1 edge of the sheet.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 (November)	N/A	\$6,890 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
East Jefferson High School Courtyard Improvements , Metairie, 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 provided surveying to collect elevations and locate improvements on the interior courtyards of the East Jefferson High School campus in Metairie, Louisiana. Improvements included drainage structures, sewer cleanouts, electrical boxes, etc. utilizing laser scanning (Leica C10 HDS). A plan view showing topographic features (trees, pavement, piping, etc.) and a contour map are part of the final deliverables for the product.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016 (September)	N/A	\$4,798 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Marrero Wastewater Treatment Plant Operations Building , Jefferson Parish, Louisiana Digital Engineering & Imaging, Inc. 527 W. Esplanade Ave., Ste. 300 Kenner LA 70065 Timothy Smith , 504-468-6129 tsmith@deii.net	BFM Corporation provided surveying services for the project, located on the West Bank of Jefferson Parish in Marrero. BFM's scope of services included obtaining title data, supplementing with courthouse research as needed. The field survey involved plotting of servitudes and location of improvements, as well as utilities and drainage. Data from the field survey was processed and compared with the title information. Boundary surveying included monumentation and establishing both temporary benchmarks & construction benchmark as well as surveying elevations. Deliverables included indelible prints and AutoCAD DWG format drawing files.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2015	N/A	\$8,573 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Clancy-Maggiore Elementary School for the Arts Survey, Kenner, Jefferson Parish, Louisiana</p> <p>Jefferson Parish School Board Facilities Department 4600 River Road Marrero LA 70072</p> <p>David Taylor, 504-349-8595 david.taylor@jppss.k12.la.us</p>	<p>BFM provided boundary surveying services for the project, located at 2100 Maine Avenue in Kenner. The scope of services focused on improvements to the site. BFM researched all title data, established a closed traverse around the site, and set a TBM. Elevations were taken across the project site. Spot elevations were plotted, as well as the location of all improvements and topographic features. Utilities were located as were piping and trees/brush of a certain caliper. Deliverables included hardcopy and AutoCAD DWG format files. A later update to the project included a Form Board Certificate (FBC).</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017 (September)	N/A	\$19,940 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Haynes Academy School, Metairie, Jefferson Parish, Louisiana</p> <p>Jefferson Parish Public Schools Facilities Department 4600 River Road Marrero LA 70072</p> <p>Steve Faust, 504-349-8595 steve.faust@jppss.k12.la.us</p>	<p>BFM prepared a Site Specific Topographic Survey for the project site at Haynes Academy School (part of the Bath Subdivision), located at 1416 Metairie Road. Project elements focused on boundary surveying, improvements throughout the campus, and notably locating the gym class fence. Scope included horizontal & vertical control, TBMs, and location of existing improvements & utilities, piping, and trees. Cross sections were taken, and a finished floor elevation provided of adjacent buildings. Deliverables included print & AutoCAD files.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 (January)	N/A	\$8,400 (fee)

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A		
2.		
3.		
4.		

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

BFM CORPORATION, LLC

Professional Land & Hydrographic Surveying

CRITERIA 1 | PROFESSIONAL TRAINING AND RELEVANT PROJECT EXPERIENCE

Established in 1982, **BFM Corporation, LLC, Professional Land & Hydrographic Surveying**, 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.

CRITERIA 2 | SIZE OF FIRM

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. Our employees number two dozen; a specific breakdown may be found in Item E of this form.

TEC Professional Services Questionnaire

N. continued.

CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION OF NEWLY-ASSIGNED WORK

BFM Corporation has the manpower and equipment to execute any surveying task within the reasonable time set forth by the contract or project engineer. It is our continual goal to keep this reputation solid. We establish base costs and fees for our services, and work with our clients to meet all project budgets. Our workload and scheduling, and proximity to the project site, will allow for quick assignment of personnel to any directed project.

BFM Corporation's **Ralph P. Fontcuberta, Jr., PLS**, is a **Louisiana-Registered Professional Land Surveyor (since 1974)** and meets or exceeds any minimum requirements for any surveying project. He has been **providing surveying services in Louisiana for over 50 years** and brings an almost incalculable wealth of experience in the region to any project, especially in Southeast Louisiana.

BFM's **Chad M. Poché, P.E.** brings **more than 25 years of experience** to assist in completing projects on time and within budget. He has been a consulting geotechnical engineer for more than 20 years in South Louisiana and has been the geotechnical engineer of record for thousands of projects throughout his career.

CRITERIA 4 | PAST PERFORMANCE ON PARISH CONTRACTS

BFM has provided surveying services in **Jefferson Parish since 1982**, both **directly to Parish agencies and as a consultant to firms serving the Parish**. The firm has executed many hundreds of projects in the Parish, including both direct Parish projects and agency projects (CPRA, Louisiana DOTD, etc.), not to mention the scores of surveying projects for private individuals and industry.

As noted, Mr. Fontcuberta has **over half a century of professional land surveying experience**, including nearly 40 years with BFM. He has provided professional surveying services for **thousands of projects for and throughout Jefferson Parish**. Additional information beyond the scope of this RFQ response is available upon request.

CRITERIA 5 | LOCATION OF PRINCIPAL OFFICE

BFM Corporation is headquartered in Kenner, Louisiana, at 15 Veterans Memorial Boulevard.

CRITERIA 6 | ADVERSARIAL LEGAL PROCEEDINGS

As noted in Item M of this form; not applicable.

CRITERIA 7 | 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:

TEC Professional Services Questionnaire

N. continued.

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, 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)

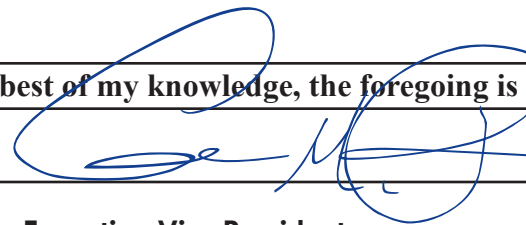
Ben Lapine, Acting Director, Department of Sewerage, Jefferson Parish
(504-736-6661 | JPSewerage@jeffparish.net)

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:



Print Name:

Chad M. Poché, P.E.

Title:

Executive Vice President

Date:

January 12, 2023

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

**Professional Architectural and Engineering Services on an As-needed Basis
for Architectural Type Projects located throughout the Parish**

SOQ 23-001 | Resolution No. 140999

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)	1	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
				35*	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:

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Chad M. Poché, P.E.
Vice-President

Project Assignment:

Engineering Manager; Geotechnical Engineer

Name of Firm with which associated:



Years experience with this Firm:

12 years with this firm (2011); 30 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)

New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, LA. The project consists of construction of a new two-story building and parking lot at the project site located at the corner of Airline Drive and David Drive. Gulf South's scope of work included drilling a total of six undisturbed soil borings (four at 8 ft and two at 80 ft) and performing laboratory testing and geotechnical engineering analyses. This included allowable pile load capacities, estimates of settlement, flexible and rigid paving design recommendations, seismic class determination, and general construction procedures and recommendations. (\$14,500 (fee); ongoing)

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


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)

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

New Building and Paved Areas, Jefferson Parish Transit Facility, Jefferson Parish, LA. 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 in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$6,000 (fee); 2020)

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:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. <small>Geotechnical & Materials Consultants</small> </div> </div>	
Years experience with this Firm:	
12 years with this firm (2011); 17 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:	
<div style="display: flex;"> <div style="flex: 1;"> <p>Trey Binder has direct experience with field and laboratory testing services. Mr. Binder’s field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, vibration monitoring, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring. In the laboratory, Mr. Binder has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, Atterberg limits, organic content tests, moisture and density tests, Proctor compaction tests, sieve analyses, and sample extrusion.</p> <p>New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, LA. The project consists of construction of a new two-story building and parking lot at the project site located at the corner of Airline Drive and David Drive. Gulf South’s scope of work included drilling a total of six undisturbed soil borings (four at 8 ft and two at 80 ft) and performing laboratory testing and geotechnical engineering analyses. This included allowable pile load capacities, estimates of settlement, flexible and rigid paving design recommendations, seismic class determination, and general construction procedures and recommendations. (\$14,500 (fee); ongoing)</p> </div> <div style="flex: 0.5; border: 1px solid black; padding: 5px; margin-left: 10px;"> <ul style="list-style-type: none"> HAZMAT Awareness HAZMAT Operations Training ACI Aggregate Base Testing Technician ACI Concrete Strength Testing Technician </div> </div>	

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Joseph H. Binder, III (continued)

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

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

New Library Building (US90 & Avondale Garden Road), Avondale, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new public building at the northwest corner land parcels (Square 6, Lots No, 1 through 5) in Avondale, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 and 6 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$4,100 (fee); 2020)


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)

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)

Jefferson Parish Fire Fleet Maintenance Facility - New Paved Areas, Jefferson Parish, LA. Geotechnical engineering services for the construction of new paved areas for fire trucks at the Jefferson Parish Fleet Maintenance facility at 4901 Jefferson Highway in Jefferson, LA. Gulf South's scope includes drilling four undisturbed soil borings (b.g.s.; four at 8 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$2,800 (fee); 2019)

Police Headquarters - New Addition, City of Gretna Police Department, Jefferson Parish, LA. New addition to existing building at Gretna Police Headquarters. Drill one boring to 100 feet, perform laboratory testing and geotechnical engineering analyses consisting of allowable pile load capacities, estimates of settlement, and general construction recommendations. (\$3,200 (fee); 2011)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
<p>Bryson S. Beard, E.I. Associate Geotechnical Engineer/Field Engineer</p>	
Project Assignment:	
Associate Geotechnical Engineer/Field Engineer	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> <p>ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants</p> </div> </div>	
Years experience with this Firm:	
1 year with this firm (2022); 2 years 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) <i>Louisiana License In Process</i>	
Other experience and qualifications relevant to the proposed Project:	
<div style="display: flex;"> <div style="flex: 1;"> <p>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.</p> <p>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.</p> <p>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)</p> </div> <div style="flex: 0.5; border: 1px solid black; padding: 5px; margin-left: 10px;"> <ul style="list-style-type: none"> 40-hour HAZWOPER (Field Work) Fundamentals of Engineering Exam (FE), NCEES </div> </div>	

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

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

Charity Hospital Building Redevelopment Project, New Orleans, LA. Gulf South provided all construction materials and environmental testing for the project, which involved the complete renovation of the Charity Hospital Building (more than 1 million sf) in New Orleans, Louisiana. Inspection and testing consisted of soil borings, laboratory testing, asbestos abatement, concrete testing, mortar testing, steel coupon testing, concrete coring, and building envelope testing. The project is valued at \$500 million. (\$200,000 (est. fee); ongoing)


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)

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)

General Cargo Dock (GCD) Hardstands Project & Railroad Spur Extension - Geotechnical Services, Caddo-Bossier Parishes Port Commission, Shreveport, LA. The project consists of the construction of concrete pavement areas for storing products at three locations (i.e., Hardstands 1A, 1B, and 1C) at the Port of Caddo-Bossier facility in Shreveport, LA. Gulf South's full task assignment is to provide geotechnical engineering, surveying and civil engineering design. The scope of work included drilling a total of nine undisturbed soil borings each to a depth of 10 feet below the ground surface and performing laboratory testing and geotechnical engineering analyses, including providing: allowable soil bearing values, estimates of settlement, rigid paving design recommendations, and general construction procedures and recommendations. (\$230,000 (fee); ongoing)

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:
<p>Ian Kerner Poché Assistant Laboratory Supervisor</p>
Project Assignment:
<p>Assistant Laboratory Supervisor</p>
Name of Firm with which associated:
<div style="display: flex; align-items: center;">  <div> <p>ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants</p> </div> </div>
Years experience with this Firm:
<p>6 years with this firm (2017); 6 years total (2017)</p>
Education: Degree(s)/Year/Specialization:
<p>High School Diploma</p>
Active registration: Year first registered/discipline:
<p></p>
Other experience and qualifications relevant to the proposed Project:
<p>Ian Poché has worked in Gulf South's laboratory for several years and has experience with virtually every type of soil test. He has also helped when needed in the CMT department and has concrete testing experience.</p> <p>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)</p> <p>Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Department, Bridge City, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$6,000 (fee); 2020)</p> <p>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)</p>

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:

7 years with this firm (2016); 7 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.

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)

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. Scope 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:	
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. 4		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, Louisiana Sizeler Thompson Brown Architects 300 Lafayette Street, Suite 200 New Orleans LA 70130 Thomas M. Brown, AIA, 504-523-6472 tbrown@sizeler.com	The project consists of construction of a new two-story building and parking lot at the project site located at the corner of Airline Drive and David Drive. Gulf South's scope of work included drilling a total of six undisturbed soil borings (four at 8 ft and two at 80 ft) and performing laboratory testing and geotechnical engineering analyses. This included allowable pile load capacities, estimates of settlement, flexible and rigid paving design recommendations, seismic class determination, and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	N/A	\$14,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>New Library Building (US90 & Avondale Garden Road), Avondale, Jefferson Parish, Louisiana</p> <p>N-Y Associates, Inc. 2750 Lake Villa Drive Metairie LA 70002</p> <p>M.G. Buisson, Jr., AIA, NCARB, LEED AP 504-885-0500 mbuisson@n-yassociates.com</p>	<p>Geotechnical engineering services for the construction of a new public building at the northwest corner land parcels (Square 6, Lots No, 1 through 5) at the intersection of US Highway 90 and Avondale Garden Road in Avondale, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 and 6 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 (December)	N/A	\$4,100 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Department, Bridge City, Jefferson Parish, Louisiana</p> <p>Meyer Engineering Ltd. 4937 Hearst Street Suite B Metairie LA 70001</p> <p>Donovan Duffy, P.E., 504-885-9892 dduffy@meyer-e-l.com</p>	<p>Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 (January)	N/A	\$6,000 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>New Building and Paved Areas, Jefferson Parish Transit Facility, Jefferson Parish, Louisiana</p> <p>Burgdahl & Graves Architects 2550 Belle Chasse Hwy, Suite 130 Gretna LA 70053</p> <p>Russell I. Burgdahl, 504-366-4433 rburgdahl@burgdahlgraves.com</p>	<p>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.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	N/A	\$8,900 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Jefferson Parish Fire Fleet Maintenance Facility - New Paved Areas, Jefferson Parish, Louisiana</p> <p>Linfield Hunter & Junius 18th Street, Suite 200 Metairie LA 70002</p> <p>Benjamin Noble Chadwick, AIA, 504-833-5300 bchadwick@lhjunius.com</p>	<p>Geotechnical engineering services for the construction of new paved areas for fire trucks at the Jefferson Parish Fleet Maintenance facility at 4901 Jefferson Highway in Jefferson, LA. Gulf South's scope includes drilling four undisturbed soil borings (b.g.s.; four at 8 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	N/A	\$2,800 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>New Charter School – Behrman Highway, Terrytown, Jefferson Parish, Louisiana</p> <p>The Charter School Fund, LLC 418 S. 9th Street Boise ID 83702</p> <p>Adam Zaragoza, 208-908-5647 azaragoza@athlosacademies.org</p>	<p>Geotechnical investigation for construction of a new Charter School along Behrman Highway in Terrytown, LA. Gulf South's scope includes drilling 13 soil borings to depths of 100 feet (2 borings for structure), 80 feet (2 borings; 1 structure & 1 canal stability analysis), 60 feet (2 borings for structure), 10 feet (7 borings for paved areas), lab testing (strength and classification), and geotechnical engineering analysis including allowable soil bearing values, allowable pile load capacities, estimates of settlement, slope stability analyses, rigid and/or flexible pavement design recommendations, and general construction recommendations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017 (December)	N/A	\$20,000 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Jefferson Parish Department of Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, Louisiana</p> <p>Jefferson Parish Public Works Department Reda M. Youssef, P.E., 504-736-6783 JPPW@jeffparish.net</p> <p>c/o ECM Consultants, Inc. Chris Capretto, 504-885-4080 ccapretto@ecmconsultants.com</p>	<p>Project consisted of the construction of a new warehouse for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection during construction (CMT). Gulf South's scope of services included performing a pile load test, pile plant inspection, pile monitoring during installation, vibration monitoring, concrete testing and inspection, earthwork testing and inspection including soil sampling and field density tests, steel inspection, and asphalt testing and inspection.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017 (August)	N/A	\$90,000 (fee)

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A		
2.		
3.		
4.		

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



CRITERIA 1 | PROFESSIONAL TRAINING AND 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*

TEC Professional Services Questionnaire

N. continued.

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

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

CRITERIA 2 | SIZE OF FIRM

At 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.

CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION OF NEWLY-ASSIGNED WORK

The Principals and key employees of Gulf South have many years of applicable experience in working for and with Government Agencies and private industry. Founding principal and Vice President of Gulf South, Chad M. Poché, P.E., has been a practicing registered geotechnical engineer in South Louisiana 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.

CRITERIA 4 | PAST PERFORMANCE ON PARISH CONTRACTS

Gulf South has worked both directly and indirectly for various **Jefferson Parish Departments** (Public Works, Engineering Department, Drainage Department, Jefferson Parish School Board, etc.) throughout our history. This would include, **but not be limited to**, the following:

- *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*
- *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*

TEC Professional Services Questionnaire

N. continued.

- Lake Cataouatche Pump Station, Avondale, Jefferson Parish, LA
- Lake Cataouatche Drainage Pump Station Replacement (Chighizola Ln), 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
- 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 (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
- 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

Beyond the projects included within this form, additional project information (including listings, background, & client contacts) are available upon request. We have also completed similar services for Public and Private concerns throughout the region.

TEC Professional Services Questionnaire

N. continued.

CRITERIA 5 | LOCATION OF PRINCIPAL OFFICE

Gulf South is headquartered in Kenner, LA with a branch office in Gonzales, LA. We have the appropriate number of employees and personnel for this contract and will complete our scope of services on time and within budget; our current workload is such that we can expeditiously complete tasks assigned under this contract. All work and revenue for our team is performed by Louisiana residents and remains in Louisiana.

CRITERIA 6 | ADVERSARIAL LEGAL PROCEEDINGS

As noted in Item M of this form; not applicable.

CRITERIA 7 | 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).**

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: 
Title: Vice President

Print Name: Chad M. Poché, P.E.
Date: January 12, 2023