



**PROFESSIONAL  
ENGINEERING SERVICES  
FOR THE SALA AVENUE  
HISTORIC DISTRICT  
DRAINAGE FEASIBILITY  
ANALYSIS AND  
IMPROVEMENTS PROJECT  
RESOLUTION No. 145576  
SOQ# 25-005**



Submitted to:



Submitted by:



January 31, 2025

# Richard C. Lambert Consultants, L.L.C.

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January 20, 2025

Jefferson Parish Council  
c/o Ms. Shanna Folse, Purchasing Specialist III  
General Government Building  
200 Derbigny Street, Suite 4400  
Gretna, LA 70053

**Subject: RFQ: PROFESSIONAL ENGINEERING SERVICES FOR THE SALA  
AVENUE HISTORIC DISTRICT DRAINAGE FEASIBILITY  
ANALYSIS AND IMPROVEMENTS PROJECT  
IN JEFFERSON PARISH  
RESOLUTION NO. 145576 – SOQ# 25-005**

Dear Ms. Folse:

The firm of Richard C. Lambert Consultants, LLC is pleased to submit the attached materials in response to your Request for Qualifications for Professional Engineering Services for the Sala Avenue Historic District Drainage Feasibility Analysis and Improvements Project in Jefferson Parish.

If you should have any questions or require additional information, please contact me as necessary at (985) 727-4440.

Thank you,

**Richard C. Lambert Consultants, LLC**

A handwritten signature in blue ink, appearing to read "R. Lambert", is placed over the company name.

Richard C. Lambert, P.E.



## TEC Professional Services Questionnaire

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

Routine Engineering Services for Drainage Projects - Resolution No. 144202 SOQ# 24-015

**B. Firm Name & Address:**

**RICHARD C. LAMBERT CONSULTANTS, LLC**

*900 West Causeway Approach, Mandeville, LA 70471*

*829 Baronne Street, New Orleans, LA 70113*

**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:**

**Richard C. Lambert, PE, Principal**

*900 West Causeway Approach, Mandeville, LA 70471*

*985-727-4440, rclc@rclconsultants.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.**

**Richard C. Lambert, PE, Principal**

*900 West Causeway Approach, Mandeville, LA 70471*

*985-727-4440, rclc@rclconsultants.com*

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

<u>2</u> Administrative	<u>1</u> Estimators	<u>1</u> Specification Writers
<u>2</u> Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
<u>7</u> Civil Engineers	___ Interior Designers	<u>2</u> Project Managers
<u>16</u> Construction Inspectors	___ Landscape Architects	<u>1</u> Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
<u>2</u> Engineer Intern	___ Environmental Engineers	<u>2</u> AutoCADD
___ Professional Land Surveyors		<b><u>36</u> TOTAL</b>

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

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

## TEC Professional Services Questionnaire

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

1. N/A

2. N/A

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

YES \_\_\_\_\_ NO \_\_\_\_\_

N/A

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

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. <b>BFM Corporation, LLC</b> 15 Veterans Boulevard Kenner, LA 70062	Survey Services	YES
2. <b>Gulf South Engineering and Testing, Inc.</b> 15 Veterans Boulevard Kenner, LA 70062	Geotechnical Services	YES
3. <b>Reich Landscape Architects</b> 301 TJ Jemison Blvd. Baton Rouge, LA 70802	Landscape Architectural Services	YES

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

36 \_\_\_\_\_



## 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:**

**RICHARD C. LAMBERT, P.E., *Principal, Manager-Member***

**Project Assignment:**

**Principal, Civil Engineer, Environmental Engineer**

**Name of Firm with which associated:**

**Richard C. Lambert Consultants, LLC**

**Years' experience with this Firm:**

**38**

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

**Bachelor of Science, 1980, Civil Engineering, Tulane University**

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

**1986 Civil LA #22167, 1990 Civil AR #7293, 1989 Civil MS #10475, 1994 Env. LA #22167**

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

As founder of Richard C. Lambert Consultants, LLC and RCL Architecture, LLC, Richard Lambert has developed diverse experience in many engineering disciplines including a solid foundation in all aspects of Construction Management.

Mr. Lambert is a NEPA Certified Engineer and a Licensed in the State of Louisiana as a Civil and Environmental Engineer.

Since 1980, Mr. Lambert has acted as Project Engineer and Principal for many civil engineering projects (both Design and Construction Administration); these include LADOTD design highway and urban system projects and many roadway and drainage projects. Mr. Lambert has developed long-term relationships with many of the DOTD Staff, and the firm has employed many retirees from the Department. This brings experience to RCLC relative to LADOTD requirements.

## TEC Professional Services Questionnaire

Richard C. Lambert, PE, has been the Principal for all RCLC projects and is extensively familiar with the Parish's contracting procedures. Mr. Lambert is prepared to undertake the Planning, Design, and Construction Administration for Major Public Projects, and produce them on time and in a manner that is intelligible to contractors and public agencies. This reduces the need for Plan Changes and unforeseen delays. Mr. Lambert's ability to arbitrate disputes and negotiate settlements has resulted in the absence of any unresolved claims or litigation with Contractors.

Mr. Lambert has been the principal for every Civil Design and / or Construction Engineering project the firm has produced. A partial list of such projects includes:

- **Barber Road Bank Stabilization, St. Charles Parish**
- **Port Hudson Pride Road Streambank Stabilization, East Baton Rouge Parish**
- **Sustainable Growth Study, St. Tammany Parish**
- **Westwood Detention Pond, St. Tammany Parish**
- **Bayou Tete L'Ours Watershed Management Study, St. Tammany Parish**
- **Black River Tributary Study, St. Tammany Parish**
- **West Napoleon Avenue, Project No. 742-07-0092 (\$12.5 Million)**
- **Lasalle Tract Drainage Study, Jefferson Parish**
- **Dwyer Road Intake Canal, New Orleans, LA, W912P8-03-e-0093 (\$53 Million)**
- **West Esplanade (WB) Panel Replacement, Project No. 742-26-0070**
- **Mounes Street Extension (Edwards Avenue to Hickory Drive), Jefferson Parish, Project No. 93-052-RBI (\$2.7 Million)**
- **Veterans Boulevard Back-To-Back U-Turns, Project No. 98-015C-RBI (\$1.8 Million)**
- **Bonnabel Canal Drainage Improvements, Jefferson Parish (\$6 Million)**
- **West Esplanade Avenue (Bonnabel Blvd. to Lake Ave.) (\$5.3 Million)**
- **Katrina-Related Drainage System Point Repairs in New Orleans**
- **Katrina-Related Drain Line Cleaning and Catch Basin Repairs in New Orleans**
- **Gabriel Subdivision, Kenner, LA**
- **W- 14 Reinforced Box Culvert, Slidell, LA (\$1.75 Million)**
- **I-12 Pinnacle Pkwy/Brewster Road Tchefuncte Interchange, Covington, LA Project No. 454-04-0073 (\$9.9 Million)**
- **Washington Parish Culvert Replacement Program and Grant Initiative Program**
- **Lapin Street, Quail Creek, & Forest Brook Drainage Improvements, St. Tammany Parish**
- **Eastwood Drainage Improvements, Slidell, LA**
- **Transcontinental Drive (Phase I) (I-10 to Quincy Street), Project 98-051-RBI (2 Million)**
- **Transcontinental Drive (Phase II) (Quincy Street to Yale Street), Project No. 98-051A-RBI) \$2.1 Million)**
- **I-12 @ LA21 Interchange, Project No. 059-01-0027(\$5 Million)**
- **LA 21 Improvements, Project No. 059-01-0026 (\$9.9 Million)**

The \$12.5 Million **West Napoleon Project** in 2006 included Asphaltic Concrete Urban Arterial Roadway with asphalt pavement and concrete curb and gutter. Major drainage improvements, including reinforced concrete drainage canal, flumes, and box culverts. The project was funded through the LADOTD TIMED Program and also included the design of two drainage pump station relocations in Jefferson Parish with drainage, water and sewer improvements.

Due to RCLC's successful performance on all the above projects, the firm is recognized for its professionalism, competency, accurate calculation of pay quantities, fairness, economical negotiation of additional work, and insightful input to the contractor regarding contract time and progress. All this translates into highly effective management of the project with minimal overruns in cost and time and no unresolved disputes that escalate into litigation.

As a policy, the firm has adopted all LADOTD protocol related to relationships with Vendors, Contractors, and other entities and the firm recognizes its responsibility in expending public funds for public projects. All employees are expected to conduct themselves with the highest ethical codes.

**Member of the following Societies and Organizations:** American Consulting Engineers Council; American Association of State Transportation Officials (AASHTO); American Society of Civil Engineers, American Concrete Institute; Construction Specifications Institute; National Society of Professional Engineers; Society of Tulane Engineers; Water Environment Federation; APWA New Orleans Metro Chapter and North Lake Chapter

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>FRANZ J. ZEMMER, P.E., <i>Manager – Design, Member</i></b>
<b>Project Assignment:</b>
<b>Project Management - Design, Civil Engineer in Responsible Charge</b>
<b>Name of Firm with which associated:</b>
<b>Richard C. Lambert Consultants, LLC</b>
<b>Years' experience with this Firm:</b>
<b>27</b>
<b>Education: Degree(s)/Year/Specialization:</b>
<b>Bachelor of Science, 1994, Civil Engineering, Louisiana State University</b>
<b>Active registration: Year first registered/discipline:</b>
<b>1998 Civil LA #28232    2005 Civil MS#16880</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Zemmer is a NEPA Certified Engineer, an ATSSA Traffic Control Design Specialist and Licensed in the State of Louisiana as a Civil Engineer. Projects include large parking lots, major roadways, subdivisions, utility improvements and regional utility studies. Several projects under his professional responsibility have won ACI Awards including Argonne Street from Harrison Avenue to Kenilworth Street in New Orleans, the St. Tammany Parish Justice Center, the St. Tammany Parish Justice Center Parking Garage and Office Building, and a reinforced concrete Bulkhead for the New Orleans Lakefront Airport. Contracts completed under his management are as follows:</p> <p><b>St. Tammany Parish Sustainable Growth Study:</b> Drainage Engineer for the engineering design and planning services within an area of St. Tammany Parish bounded by I-12 on the north, US HWY 190 to the west, Sharp Rd on the south, and LA HWY 59 to the east. This approximately 3,000-acre area in T7-R11E is prone to flooding and is currently being actively developed. To allow development to continue without increasing flood risks to existing and future structures, a multi-faceted study is being conducted with the intent to recommend changes to parish regulations or procedures that will result in a more sustainable growth with detailed studies of the hydrology and hydraulics of the three drainage basins affecting the study area, which include Ponchitola Creek/ Little Creek, Bayou Tete L'Ours, and Bayou Chinchuba.</p> <p><b>Washington Parish Watershed Initiative Grant For Drainage Culvert Improvements:</b> Drainage Engineer for the Washington Initiative Grant for Drainage Culvert Improvements. Washington Parish Public Works identified locations where frequent flooding, bank erosion, and overtopping occur during rain events. Performed hydrologic and hydraulic studies of the location areas using HEC-HMS and HEC-RAS models and designed drainage crossings to convey 25-year storm flows.</p> <p><b>Barber Road Bank Stabilization, St. Charles Parish:</b> Design Engineer for the bank stabilization design of 3,650 linear feet of Barber Road. Design encompasses slope stability analyses, bank stabilization recommendations, sheet pile design parameters, Roadway typical sections, and canal cross sections for stabilizing and widening Barber Road.</p> <p><b>Port Hudson Pride Road Streambank Stabilization, East Baton Rouge Parish:</b> Design Engineer for the construction of a federally funded project through the Hazard Mitigation Grant Program (HMGP) under DR-4277. This project will address Comite River streambank erosion northeast of the Port Hudson Pride Road bridge crossing (east bank) of the Comite River as well as an area of west streambank just north of the Port Hudson Pride Road bridge crossing. The roadway and bridge crossing are subject to failure from erosion/undercutting of road bank from high velocities and flooding, displacement and destruction of the road structure and bridge footings from landslides (from heavy rains). The intent is to repair current erosion problems and design to prevent future erosion.</p> <p><b>West Napoleon Avenue (Roosevelt Blvd. to David Dr.):</b> \$12.54 Million, 4 lane divided arterial asphalt roadway with concrete curb and gutter. The project was funded through the LADOTD TIMED Program and also included the design of concrete-lined canals in Jefferson Parish with 3 drainage pump stations which discharge into W. Napoleon Canal. U-turn construction with reinforced concrete box culverts.</p> <p><b>LaSalle Tract Drainage Study (Jefferson Parish):</b> H&amp;H evaluation of the existing drainage system within the LaSalle Tract including existing facilities such as Zephyr's field, the LaSalle ball fields, nearby Saints practice facility and estimate the impacts of the proposed Performing Arts Center. Recommendations were given for drainage improvements including detention facilities.</p> <p><b>West Esplanade Avenue (Bonnabel Blvd. to Lake Ave.):</b> Design of a \$5.3 Million asphalt roadway and drainage improvement project in Jefferson Parish including upgrades to the water and sewer system.</p> <p><b>Mounes Street Extension (Edwards Avenue to Hickory Drive), Jefferson Parish, Project No. 93-052-RBI:</b> Design of a four-lane roadway with drainage. Design included R.C. Box Culvert and utility relocations. This project included a new major drainage system, other new underground utilities and railroad crossing. New signage and pavement markings were installed for the upgraded railroad crossing.</p> <p><b>Transcontinental Drive (Phase I) (I-10 to Quincy Street), Project 98-051-RBI:</b> Design of \$2.0 million asphalt street reconstruction project for the Jefferson</p>



## TEC Professional Services Questionnaire

Parish Department of Engineering. This project included the installation of a new major drainage system, inclusive of reinforced concrete box culvert and back-to-back U-turns.

**Bayou Tete L'Ours Watershed Management Study:** Extensive hydrologic drainage study in St. Tammany Parish. Per contract, existing and improved conditions were modeled utilizing USACE's HEC-HMS and HEC-RAS computer software. Information was provided to St. Tammany Parish to show the effects of growth and new construction projects on the drainage capacity of the Bayou Tete L'Ours Watershed. Watershed improvements were recommended including the construction of a 66.5 acre in-line detention pond along Bayou Tete L'Ours. Results from this study were provided to the USACE for inclusion into the updated FEMA D-FIRMs.

**Black River Tributary Study:** Hydrologic drainage study in St. Tammany Parish to improve existing drainage conditions. Existing and improved conditions were modeled with USACE's HEC-HMS and HEC-RAS computer software. Information was provided to St. Tammany Parish to show the effects of growth and new construction projects on the drainage capacity of Black River and the benefits that detention basins would provide to the entire watershed.

**Gabriel Subdivision, Kenner, LA:** Design of this residential community of 219 lots extending over a site in excess of 70 acres. Design drainage improvements for this subdivision included Hydrologic and Hydraulic study. All work was in accordance with Jefferson Parish Dept. of Drainage Regulations.

**Dwyer Road Intake Canal, New Orleans, LA:** Design of 1.3 miles of 10'x10', 10'x12' and 11'x14' reinforced concrete box culvert canal for the Sewerage and Water Board of New Orleans and the United States Army Corps of Engineers in New Orleans East paralleling an existing box canal. Work involved relocating 30" SFM, 20" waterline and other utilities, removing and replacing roadway, and tying new box canal to existing box canal in several locations. This project was funded through U.S. Army Corps of Engineers Southeastern Louisiana Flood Program.

**Westwood Regional Detention Pond:** Proposed 60-acre Westwood Regional Detention Pond project based on the RCLC's Westwood Regional Detention Pond Hydrological Analysis HEC-HMS and HEC-RAS models.

**Westwood Regional Detention Hydrological Analysis Project:** Basin wide Hydrological analysis to estimate the benefits associated with the Westwood Regional Detention Pond. The existing Bayou Tete L'Ours HEC-HMS and HEC-RAS models were reviewed and updated to reflect substantial changes to the watershed included updating the stage storage and elevation discharge functions that represent the proposed regional detention pond.

**W-14 Reinforced Box Culvert, Slidell, LA, Project No. 100-108:** Double 14'x10', 350ft long reinforced concrete box culvert with drainage and related earthwork. Design of this box culvert required an existing condition and post construction hydrologic and hydraulic study using HEC-HMS and HEC-RAS software to evaluate the effects of the improvements to the watershed. Results of study were reviewed by the City of Slidell, St. Tammany Parish Engineering Departments and U.S. Army Corps of Engineers. Funding for this project was through Louisiana Facilities Planning and Control.

**Eastwood Drainage Improvements, Slidell, LA:** Upgrade an existing box culvert to a 4'x6' Reinforced Box Culvert. The purpose of this H&H study was to analyze improvements, prepare cost estimates for three alternative alignments and develop a benefit/cost analysis. This project was administered through and funded by GOHSEP and FEMA. Results of the H&H Study were incorporated into construction documents and let for bid.

**Washington Parish Culvert Replacement Program:** Washington Parish Public Work identified forty-seven (47) locations where frequent flooding, bank erosion, and overtopping occur during rain events. H&H Study and construction documents evaluated each of these locations. Project intent was to reduce the frequency of adverse events upstream of the existing stream crossing by increasing conveyance of storm flows. Performed Hydrologic and Hydraulic Studies of the location areas and designed drainage crossings to convey 25-year storm flows. These designs were presented into construction documents ready for Owner to release for bidding. Administered through and funded by GOHSEP and FEMA guidelines and approved by those agencies.

**Lapin Street, Quail Creek, & Forest Brook Drainage Improvements, Mandeville, LA:** Comprehensive Drainage Analysis and Design for regional drainage detention Infrastructure improvements in St. Tammany Parish. Work focused on reducing repetitive street flooding conditions in Forest Brook and Quail Creek subdivisions with construction of a new detention pond and increasing the storage volume of an existing detention pond. Administered through and funded by GOHSEP and FEMA.

**Tamanend Subdivision – LA 434, Lacombe, LA:** Design for an 850 acre private development in St. Tammany Parish for 4,800 linear feet of four-lane roadway and 2,800 linear feet of two-lane roadway with a combination of 16" and 12" water main loop along the length of the roadway. The work involved the development of 6 sewer lift stations, a sewer treatment plant and 2.2 miles of 3", 6", 8", 10" and 12" sewer force main. Project also involves the implementation of a new pedosphere water tower. The work involved the development of a Hydrologic and Hydraulic (H&H) Study and design of linear detention ponds for the proposed subdivision. The intent of the H&H study is to determine optimum pond and structure sizes.

**Coffee Street Drainage, Mandeville, LA:** Design for improvements to Coffee Street Drainage System. Design included developing a master drainage plan, analyzing improvements in an H&H computer drainage model, preparing contract documents for bid and construction from results provided in the drainage model.

**Slidell Drainage Point Repair and Panel Replacement:** The project included the removal and replacement of deteriorated concrete roadway panels, driveways, sidewalks, and drain lines throughout the City of Slidell.

**Tulane University Hydrologic & Hydraulic Restoration & Mitigation Study, New Orleans, LA:** Hydrologic and Hydraulic analysis of the Tulane University St. Charles Avenue Campus to evaluate the potential impacts of floodproofing 22 buildings within the Tulane campus on the surrounding community. Study and report evaluated the 1% annual rainfall event and its effects on the 100 year FEMA flood plain. This project was administered through GOHSEP and funded by FEMA.

As part of Mr. Zemmer's technical qualifications, experience and continuing education, he has attended the following drainage related seminars:

**HEC-RAS (Steady State Flow) in San Francisco, CA; HEC-HMS in Kansas City, MO; HEC-RAS (Unsteady State Flow) in New Orleans; EPA's SWMM H&H Software in Houma, LA**

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>ROY PAYNE, P.E., <i>Manager – Construction Services</i></b>
<b>Project Assignment:</b>
<b>Construction Administration, Civil Engineer, QA/QC</b>
<b>Name of Firm with which associated:</b>
<b>Richard C. Lambert Consultants, LLC</b>
<b>Years' experience with this Firm:</b>
<b>5</b>
<b>Education: Degree(s)/Year/Specialization:</b>
<b>Bachelor of Science in Civil Engineering – Louisiana State University - 2002</b>
<b>Active registration: Year first registered/discipline:</b>
<b>2006 Civil LA #32540</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Payne has more than 22 years of experience in the construction of transportation and related civil projects while working for <b>LA DOTD</b> and <b>East Baton Rouge Parish Department of Public Works (EBR DPW)</b>. He also worked on projects for the East Baton Rouge <b>Green Light Program</b> as a Project Engineer and Project Manager for the Prime Consultant and EBR DPW. During his career, he has actively participated in all phases of project development on a wide variety of transportation projects. The projects have ranged from interstate reconstruction and interchange construction, and large-scale urban projects. His involvement has been as an Assistant Project Engineer and Project Engineer for transportation projects. Through his oversight and Project Engineer work, he has experienced many different projects, each with differing scopes, some of which were re-striping interstates, large- and small-scale bridge replacements, bridge replacement and drainage improvement program, sewer construction of sewer force main, gravity sewer and pump stations, large-scale traffic signal intersection upgrades, and large drainage improvement projects through urban areas. He has been responsible for constructability reviews, temporary traffic control plans, sequence of construction reviews, overall project plan review, utility coordination and relocation oversight, and outlining contract time and road closure requirements for projects bid in his area.</p> <p><b>SPN: H.00781, H.000710, H.002273, AND H.001352: Comite Diversion Canal CE&amp;I And Utility Relocation Routes: US61, LA964, LA19, AND LA67, East Baton Rouge Parish:</b> Construction Manager for the utility relocation and construction of a Bridge at LA 964, Bridge at LA 19, and Bridge at LA 67 at the Comite River Diversion Canal to periodically monitor the construction of the Bridge at US 61 and the Geaux Rail Bridge. Project includes monitoring of the construction new separate permanent highway bridges including approaches; temporary highway bypass roads (on grade); shoo-fly (on grade) and rail bridge and several utility relocations.</p>

## TEC Professional Services Questionnaire

**Ames Boulevard Improvements (Barataria to East Ames), Jefferson Parish:** \$6.5 million street reconstruction project. Replacement of all underground utilities (water, sewer and drainage) and construction of new PCCP pavement.

**H.009028 Airline Park Blvd: W. Metairie Ave – 0.4 MI N, Jefferson Parish:** Construction Manager for removal of existing 2-lane concrete roadway, replacement of concrete roadway, replacement of existing manholes and catch basins, addition of mini Drainage Pump Station, and utility relocation.

**H.007275.6: St. Charles Avenue (Nashville To LA Ave), Orleans Parish:** Construction Manager for the cold mill and overlay of the existing asphaltic concrete on the east and westbound lanes of St. Charles Avenue between U.S. 90B Service Road (Calliope Street) and Napoleon Avenue. This project also includes curb drainage replacement as necessary to provide a longitudinal profile for proper drainage, repair of sub-base as necessary, minor point repair and cleaning of catch basins, and restriping travel lanes, parking lanes and intersections as necessary.

**H.0110276 & H011794: New Orleans Airport Connector Road Segments A & B:** Construction Manager and Inspector for a new four-lane median divided roadway with sound walls for the northern airport right-of-way property line to the southern right-of-way line of Veterans Memorial Blvd. and generally within the Aberdeen Street Corridor (Segment A). Addition of a left-turn lane and upgrade traffic signals at the intersection of Loyola Drive and Veteran Blvd. as well as, the addition of a left-turn lane at the intersection of I-10 and Loyola Drive (Segment B). Related work for both projects includes sidewalks, drives, curbing, barrier rail, roadway widening, surcharge, detours, signage, striping, box culvert bridge, tree removal / clearing & grubbing, drainage, and utility relocation

**EBR City/Parish Project No. 09-CS-HC-0016: Group Project Roadway Improvements, East Baton Rouge, LA:** Work involved serving as project manager to oversee the construction of O'Neal Lane and South Harrell's Ferry Road corridor reconstruction as part of the Green Light Program. The construction cost of this project was approximately \$31 million. The project also replaced and newly installed a 30-inch sewer force main along with subsurface drainage to replace the existing open ditches and worked to oversee the major drainage improvements within the corridor. Both roadways were existing two-lane asphalt roads that were replaced with four-lane concrete roadways with raised grass medians.

**SPN: H.001234: LA1: Port Allen Canal Bridge Replacement Phase 1 HBI CE&I, West Baton Rouge Parish:** Construction Manager for the construction of a new LA 1 southbound bridge over the Intracoastal Canal, approach roadway, Ernest Wilson Dr., and 2 at grade railroad crossings in Port Allen, La in West Baton Rouge Parish. The approach LA 1 southbound roadway will be Portland Cement Concrete Pavement and Ernest Wilson Dr. will be Asphalt Concrete Pavement.

**SPN: H.007160.6: Entity Contract EBR Computerized Traffic Signal, PH VB (CE&I), East Baton Rouge Parish:** Construction Manager for a project involving the synchronization of several traffic signals at several state and local intersections along Choctaw Drive, Greenwell Springs Road, South Choctaw Drive, and North Foster Drive, in Baton Rouge, Louisiana.

**EBR City/Parish Project No. 13-CS-CI-0060: Antioch Road and Realignment, East Baton Rouge, LA:** Work involved serving as project engineer to oversee the construction of the newly constructed Antioch Road extension using both an asphalt section and concrete section of roadway. The project consisted of the newly constructed Antioch Road alignment, drainage improvements, demolition of the existing Antioch Road intersection and replacing with a newly constructed intersection, constructing an intersection with US Highway 61 Airline Highway and installing new mast arm traffic signals with camera detection.

**EBR City/Parish Project No. 10-TL-LA-0063: Drusilla Lane (LA 1068) Improvements, East Baton Rouge, LA:** Work involved serving as project engineer to oversee the construction of the Drusilla Lane widening and the I-12 off ramp widening at Drusilla Lane. The project consisted of adding a new northbound through lane on Drusilla Lane, widening the I-12 off ramp, subsurface drainage installation, three-barrel box culvert extension, guardrail installation, center curb installation, and re-striping. The project also required utility coordination relocation oversight from the project engineer with all the utility companies.

**EBR City/Parish Project No. 12-BR-US-0018: East Brookstown Over Hurricane Creek, East Baton Rouge, LA:** Work involved serving as project engineer to oversee the construction of the replacement for the bridge on East Brookstown over Hurricane Creek. The bridge was a slab span bridge that replaced an existing timber bridge. The project also consisted of drainage improvements round the bridge, cast-in-place concrete revetment, and re-shaping along the canal within the existing right-of-way.



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>ANGELA K. G. EYMARD, P.E., <i>Project Engineer</i></b>
<b>Project Assignment:</b>
<b>Design, Civil Engineer</b>
<b>Name of Firm with which associated:</b>
<b>Richard C. Lambert Consultants, LLC</b>
<b>Years' experience with this Firm:</b>
<b>9</b>
<b>Education: Degree(s)/Year/Specialization:</b>
<b>Bachelor of Science / 1996 / Civil Engineering / Louisiana State University</b>
<b>Active registration: Year first registered/discipline:</b>
<b>2006 Civil LA #32928      2014 Civil CA #82435      2024 Civil AL #53671</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mrs. Eymard has over 26 years of practice in Civil Engineering and has successfully completed projects of varying size and scope across the State of Louisiana, the State of Mississippi, and the State of California. Her professional experience includes designing plans, (road, drainage, water, sewer, and traffic), project management, and construction inspection of various projects. Mrs. Eymard is a Certified ATSSA Traffic Control Technician and Traffic Control Supervisor and is a registered flagger.</p> <p><b>Experience with RCLC:</b>  <b>St. Tammany Parish Sustainable Growth Study:</b> Drainage Engineer for the engineering design and planning services within an area of St. Tammany Parish bounded by I-12 on the north, US HWY 190 to the west, Sharp Rd on the south, and LA HWY 59 to the east. This approximately 3,000-acre area in T7-R11E is prone to flooding and is currently being actively developed. To allow development to continue without increasing flood risks to existing and future structures, a multi-faceted study is being conducted with the intent to recommend changes to parish regulations or procedures that will result in a more sustainable growth with detailed studies of the hydrology and hydraulics of the three drainage basins affecting the study area, which include Ponchitolawa Creek/ Little Creek, Bayou Tete L'Ours, and Bayou Chinchuba.</p> <p><b>Washington Parish Watershed Initiative Grant For Drainage Culvert Improvements:</b> Drainage Engineer for the Washington Initiative Grant for Drainage Culvert Improvements. Washington Parish Public Works identified locations where frequent flooding, bank erosion, and overtopping occur during rain events. Performed hydrologic and hydraulic studies of the location areas using HEC-HMS and HEC-RAS models and designed drainage crossings to convey 25-year storm flows.</p> <p><b>Tamanend Subdivision – LA 434, Lacombe, LA:</b> Civil Hydrologic Design for an 850 acre private development in St. Tammany Parish. The work involved the development of a Hydrologic and Hydraulic (H&amp;H) Study and design of linear detention ponds for the proposed subdivision. The intent of the H&amp;H study is to determine optimum pond and structure sizes.</p> <p><b>Covington Drainage Repair, Covington:</b> Design Engineer for the drainage point repairs and drainage line replacements throughout historic downtown Covington. Project includes roadway and sidewalk repair and reconstruction, drainage lining, and research of existing drainage lines along Gibson, Rutland, and Hebert Streets.</p> <p><b>Slidell Submerged Streets Projects, Lee Street Drainage Basin, Slidell, LA:</b> Design for this drainage and sewerage point repairs and line replacements for damage sustained during Hurricane Katrina in the Lee Street Drainage Basin area. Also included are roadway and sidewalk repairs and reconstruction for areas damaged during debris removal activities post Hurricane Katrina.</p> <p><b>Alton Elementary School Parking Lot, Slidell, LA:</b> Project Management, planning, and design for a parking lot to serve Alton Elementary School. Project included design plans, drainage retention pond design, construction bid specifications, quantities estimate, construction estimate, and construction inspection.</p> <p><b>Spring Lakes Subdivision, Goodbee, LA:</b> Civil Engineering designer responsible for Hydrologic and Hydraulic (H&amp;H) Study and design of detention ponds for the proposed subdivision. The 296 lot subdivision calls for three interconnected detention ponds to accommodate onsite and offsite drainage throughout the area.</p>

## TEC Professional Services Questionnaire

**Water Main Extension Along the St. Tammany Trace, Slidell, LA:** Civil Engineering designer for a new 16" transmission water main to connect the City of Slidell's currently separated water systems that will allow water to be provided from one system to another in both directions. The design is to include a SCADA pressure monitoring device for the water main extension.

**Additional Experience prior to RCLC:**

**Three Rivers Road Widening, Covington, LA:** Civil Engineering designer responsible for drainage and paving design of widening and reconstruction of asphalt roadway, specifications, quantities estimate, and construction estimate. The project consisted of widening a 20' wide roadway within the existing 40' right-of-way without relocating any existing utilities including a gas line, fiber optic line, and telephone lines.

**84 Lumber Road, Pearl River, LA:** Civil Engineer and Environmental Technician overseeing CDBG Environmental review for CDBG Gustav/Ike Grant, Environmental Phase 1 Site Assessment, drainage and paving design of local roadway for industrial park, engineering bid specifications, quantities estimate, and construction estimate.

**LA1090 (Military Road) Corridor Improvements, Pearl River, LA:** Civil Engineer drainage and paving design of local roadway for industrial park, engineering bid specifications, quantities estimate, and construction estimate. Projects included roundabout designs, roadway widening designs, and traffic signal design plans for the intersections of Military Road and Cleo road and the I-59 Northbound on/off ramps @ Military Road.

**Lindberg Extension and Shortcut Highway (US 190B) Turning Lane Improvements, Slidell, LA:** Civil Engineer and Project Manager overseeing Traffic justification study, including site planning, traffic planning calculations, traffic pass through counts, and existing traffic conditions for the extension of Lindberg Drive Service Road following its full access closure by LADOTD. Design of left turning lane, traffic signal modifications, specifications, quantities estimate, and construction estimate for Shortcut Highway following the approval of the traffic justification study and the construction of the Lindberg Drive extension.

**Gause Boulevard (US 190) Turning Lane Improvements, Slidell, LA:** Civil Engineer and Project Manager overseeing paving and traffic signal design of local roadway including engineering bid specifications, quantities estimate, construction estimate, and Construction inspection. Project also included restriping of one-way road into a two-lane roadway.

**Marigny Elementary School Sidewalk, Turning Lanes, and Bus Access Road, Mandeville, LA:** Project Management, planning, and design included a new K-1 Elementary School for St. Tammany Parish School Board with a separate school bus access road and sidewalk with crosswalks connecting Marigny Elementary School with Lake Harbor Middle School and Magnolia Trace Elementary School. Roadway improvements included turning lane design into main entrance of site on Viola Street and separate bus access road into rear of property off of Louisiana Highway 59.

**West Hall Avenue Trail, Slidell, LA:** Planning and design included a new pedestrian sidewalk and bike trail to connect to the Tammany Trace and continue with future designs to Heritage Park in Slidell with alternate routes for this shared use path.

**ADNO Villa Additions / City of Slidell Waterline Extension, Slidell, LA:** Civil Engineer and Project Manager responsible for design plans and specifications, permitting, construction bidding and inspection of 16" waterline extension of City of Slidell water system to serve the Archdiocese of New Orleans Villa Apartments.

**AT&T / City of Slidell Waterline Extension, Slidell, LA:** Civil Engineer and Project Manager responsible for design plans and specifications, permitting, construction bidding and inspection of a waterline extension of City of Slidell water system to serve the AT&T Maintenance Complex. Project included the closing of an existing well site along with necessary local government agency permitting.

**Disaster Experience:** Hurricane Katrina Projects included Venice Marina, East Pointe-a-la-Hache Marina, Buras Fire Station, Port Sulphur Civic Center, and East Bank Road Maintenance Facility. Angela Eymard was responsible for re-evaluation of onsite field assessments, meeting with FEMA to procure additional reimbursements for such projects. Her re-evaluation of the sites and meetings with FEMA altered some of the original projects from repair projects to complete replacement projects and increased funding from approximately \$3 million to \$12 million dollars.

**Disaster Experience:** Angela Eymard has Project Management experience with roads, utility, and drainage damage as a result of the January and February 2005 California – Los Angeles Storms. She dealt personally with the public, local government agencies, state agencies, FEMA, and FHWA while working for LA County Road Maintenance Division. Her project area covered 30 square miles. During the storm she organized and coordinated storm crews and procured emergency supplies. She was responsible for onsite field assessments, course of action recommendations, quantities calculations, photo documentation, completion of federal worksheets, drawings, field meetings with FEMA & FHWA for procurement of maximum reimbursement, project accountability, and evaluation of storm related documentation and auditing of projects to ensure accuracy of reports for final submittals in order to receive maximum state and federal reimbursements.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>ARTHUR LEDET, P.E., <i>Design Engineer and Construction Engineer</i></b>
<b>Project Assignment:</b>
<b>Assist in the design and development of plans and specifications and Construction Management</b>
<b>Name of Firm with which associated:</b>
<b>Richard C. Lambert Consultants, LLC</b>
<b>Years' experience with this Firm:</b>
<b>11</b>
<b>Education: Degree(s)/Year/Specialization:</b>
<b>Bachelor of Science/ 2013 / Civil Engineering / University of New Orleans (UNO)</b>
<b>Active registration: Year first registered/discipline:</b>
<b>2017 Civil LA #41815</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Ledet has experience in Transportation/Traffic engineering including traffic impact analysis, signal warrant analysis, data collection, geometric design, and roundabout design. He is proficient in the use of AutoCAD, SIDRA Intersection, Synchro plus SimTraffic, TEAPAC, Highway Capacity Software (HCS), and CORSIM. Recently, Mr. Ledet has been leading the Construction Administration and Construction Management portion of several projects.</p> <p><b>Octavia Street (Ferret Street To Clairbourne) – DPW 093, New Orleans:</b> Construction Engineer for total replacement of streets with box culvert replacement, subsurface utility replacement including water and sewer infrastructure, and replacement of all sidewalks including handicapped accessibility at all street corners. Drainage improvements required H&amp;H study with review and approval of the Department of Public Works and Sewerage and Water Board of New Orleans.</p> <p><b>H.011731.6: West Esplanade Bridges @ Duncan Canal:</b> Construction Engineer for the replacing of outdated and deteriorated bridges along W. Esplanade @ Duncan Canal from Rue Chardonnay to Arkansas Avenue. Double box culverts 14' x 8' and double box culverts 38' x 13' are being used to replace the existing bridges. Included in the scope of work are several utility relocations – 36" and 16" water lines and sewer force main relocations.</p> <p><b>Barber Road Bank Stabilization, St. Charles Parish:</b> Construction Engineer for the design and construction of a sheet pile bank stabilization project to reinforce portions of the canal embankment adjacent to Barber Road and to stabilize Barber Road in St. Charles Parish. Project included Surveying, Geotechnical Investigation, and Engineering Design for 3,650 linear feet of Barber Road including Barber Road Typical Sections, Canal Cross Sections, Sheet Pile Design.</p> <p><b>H.007275.6: St. Charles Avenue (Nashville to LA Ave), Orleans Parish:</b> Construction Manager for the cold mill and overlay of the existing asphaltic concrete on the east and westbound lanes of St. Charles Avenue between U.S. 90B Service Road (Calliope Street) and Napoleon Avenue. This project also includes curb drainage replacement as necessary to provide a longitudinal profile for proper drainage, repair of sub-base as necessary, minor point repair and cleaning of catch basins, and restriping travel lanes, parking lanes and intersections as necessary.</p> <p><b>Lapin Street, Quail Creek, &amp; Forest Brook Drainage Improvements, Mandeville:</b> Comprehensive Drainage Analysis and Design for regional drainage detention Infrastructure improvements in St. Tammany Parish. Work focused on reducing repetitive street flooding conditions in Forest Brook and Quail Creek subdivisions with construction of a new detention pond and increasing the storage volume of an existing detention pond. Administered through and funded by GOHSEP and FEMA.</p> <p><b>H.009028 Airline Park Blvd: W. Metairie Ave – 0.4 MI N, Jefferson Parish:</b> Construction Manager and Inspector for removal of existing 2-lane concrete roadway, replacement of concrete roadway, replacement if existing manholes and catch basins, addition of mini Drainage Pump Station, and utility relocation.</p>



## TEC Professional Services Questionnaire

**HMGP#1603-117-0014, FEMA-1603-DR-LA, Project #0380: Washington Parish Culvert Replacement Program:** Washington Parish Public Work identified forty-seven (47) locations where frequent flooding, bank erosion, and overtopping occur during rain events. H&H Study and construction documents evaluated each of these locations. Project intent was to reduce the frequency of adverse events upstream of the existing stream crossing by increasing conveyance of storm flows. Performed Hydrologic and Hydraulic Studies of the location areas and designed drainage crossings to convey 25-year storm flows. Prepare contract documents to remove bridges, install culverts, and construct new roadway.

**H.011276 & H.011794: NO Airport Connector Road Segments A & B, Jefferson Parish:** Construction Manager for a new four-lane median divided roadway with sound walls for the northern airport right-of-way property line to the southern right-of-way line of Veterans Memorial Blvd. And generally, within the Aberdeen Street corridor (Segment A). Addition of a left-turn lane and upgraded traffic signals at the intersection of Loyola Drive and Veterans Blvd. As well as the addition of a left-turn lane at the intersection of I-10 and Loyola Drive (Segment B). Related work for both projects includes sidewalks, drives, curbing, barrier rail, roadway widening, surcharge, detours, signage, striping, box culvert bridge, tree removal / clearing & grubbing, and drainage.

**Gabriel East, Kenner, LA:** Design for this 12 acre Residential Development in Jefferson Parish and approximately 13,000 feet of roadway. The work included the development of a gravity sanitary sewer collection system and a water distribution system that tied into the existing infrastructure. Subsurface drainage was also designed and tied into the existing infrastructure. Subsurface drainage was also designed and tied into the existing infrastructure.

**Tamanend Subdivision – LA 434, Lacombe, LA:** Design for an 850 acre private development in St. Tammany Parish for 4,800 linear feet of four-lane roadway and 2,800 linear feet of two-lane roadway with a combination of 16" and 12" water main loop along the length of the roadway. The work involved the development of 6 sewer lift stations, a sewer treatment plant and 2.2 miles of 3", 6", 8", 10" and 12" sewer force main. Project also involves the implementation of a new pedosphere water tower. The work involved the development of a Hydrologic and Hydraulic (H&H) Study and design of linear detention ponds for the proposed subdivision. The intent of the H&H study is to determine optimum pond and structure sizes.

**LA1077-LA 21 Connector Road Feasibility Study and Design, Covington, LA, Project No. 300-00-13-08-4:** Stage 0 Feasibility Study with Line and Grade Analysis, Traffic Study, and Design for a new connector road extending from the existing roundabout along the Ochsner Blvd. extension to LA 1077 in St. Tammany Parish. Scope of Services includes line and grade analysis, roundabout evaluations, environmental assessment, traffic studies, complete streets analysis, and coordination with committed / unconstructed DOTD projects.

**Tri-Centennial Place Parking – City Park, Orleans Parish, SPN H.009069:** Roadway replacement, parking, sidewalk and landscaping design with drainage improvements to the Tri-centennial Place area within City Park.

**East Bedico Creek, Tangipahoa Parish:** Design for this 64 acre Residential Development in Tangipahoa Parish and approximately 8,750 linear feet of roadway. The work included the development of a gravity sanitary sewer collection system, a sewer lift station with a 6,000 foot sewer force main routed to the adjacent subdivision to the east, and a water distribution system.

**SPN: H.00781, H.000710, H.002273, AND H.001352: Comite Diversion Canal CE&I And Utility Relocation Routes: US61, LA964, LA19, AND LA67, East Baton Rouge Parish:** Construction Manager for the utility relocation and construction of a Bridge at LA 964, Bridge at LA 19, and Bridge at LA 67 at the Comite River Diversion Canal to periodically monitor the construction of the Bridge at US 61 and the Geaux Rail Bridge. Project includes monitoring of the construction new separate permanent highway bridges including approaches; temporary highway bypass roads (on grade); shoo-fly (on grade) and rail bridge and several utility relocations.

## TEC Professional Services Questionnaire

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

#### Name & Title:

**ERIC KOCKEN, *Design Engineer***

#### Project Assignment:

**Assist in the design and development of plans and specifications**

#### Name of Firm with which associated:

**Richard C. Lambert Consultants, LLC**

#### Years' experience with this Firm:

**5**

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

**Bachelor of Science / 2019 / Civil Engineering / University of New Orleans (UNO)**

**Bachelor of Science / 2011 / Environmental Management System / Louisiana State University (LSU)**

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

**2024 Civil Engineer LA #48627**

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

Mr. Kocken is currently certified in the State of Louisiana as a Professional Engineering (PE). Mr. Kocken has assisted in the design and study of major drainage systems and roadways improvements. He has worked on projects involving LIDAR manipulation and implementation of GIS information into ARC-GIS and modeling of floodplains in HEC-RAS. He has knowledge in storm water detention calculations utilizing programs and information systems such as LIDAR, topographical survey, AutoCAD, Hydraflow Hydrographs, HEC-HMS and HEC-RAS.

**Port Hudson Pride Road Streambank Stabilization, East Baton Rouge Parish:** Drainage Engineer for the design and construction of a federally funded project through the Hazard Mitigation Grant Program (HMGP) under DR-4277. This project will address Comite River streambank erosion northeast of the Port Hudson Pride Road bridge crossing (east bank) of the Comite River as well as an area of west streambank just north of the Port Hudson Pride Road bridge crossing. The roadway and bridge crossing are subject to failure from erosion/undercutting of road bank from high velocities and flooding, displacement and destruction of the road structure and bridge footings from landslides (from heavy rains). The intent is to repair current erosion problems and design to prevent future erosion.

**DeQuincy Airport Drainage Evaluation, DeQuincy:** Drainage Engineer Intern for the evaluation of existing drainage for the DeQuincy Airport. The airport is prone to areas of flooding and is currently seeking drainage design alternatives to alleviate the flooding concerns. Project includes drainage modeling, hydrological report, engineering design, and planning services.

**St. Tammany Parish Sustainable Growth Study:** Drainage Engineer Intern for the engineering design and planning services within an area of St. Tammany Parish bounded by I-12 on the north, US HWY 190 to the west, Sharp Rd on the south, and LA HWY 59 to the east. This approximately 3,000-acre area in T7-R11E is prone to flooding and is currently being actively developed. To allow development to continue without increasing flood risks to existing and future structures, a multi-faceted study is being conducted with the intent to recommend changes to parish regulations or procedures that will result in a more sustainable growth with detailed studies of the hydrology and hydraulics of the three drainage basins affecting the study area, which include Ponchitolawa Creek/ Little Creek, Bayou Tete L'Ours, and Bayou Chinchuba.

**Covington Drainage Repair, Covington:** Engineer Inter for the drainage point repairs and drainage line replacements throughout historic downtown Covington. Project includes roadway and sidewalk repair and reconstruction, drainage lining, and research of existing drainage lines along Gibson, Rutland, and Hebert Streets.

**Barber Road Bank Stabilization, St. Charles Parish:** Drainage Engineer for the design and construction of a sheet pile bank stabilization project to reinforce portions of the canal embankment adjacent to Barber Road and to stabilize Barber Road in St. Charles Parish. Project included Surveying, Geotechnical Investigation, and Engineering Design for 3,650 linear feet of Barber Road including Barber Road Typical Sections, Canal Cross Sections, Sheet Pile Design.

## **TEC Professional Services Questionnaire**

**Washington Parish Watershed Initiative Grant For Drainage Culvert Improvements:** Drainage Engineer Intern for the Washington Initiative Grant for Drainage Culvert Improvements. Washington Parish Public Works identified locations where frequent flooding, bank erosion, and overtopping occur during rain events. Performed hydrologic and hydraulic studies of the location areas using HEC-HMS and HEC-RAS models and designed drainage crossings to convey 25-year storm flows.

**Lakeview North Group D, New Orleans:** Engineer Intern for the remediation of damage caused from street inundation due to Hurricane Katrina. Involves site investigation to determine pavement replacement areas which are the direct result of street inundation or from secondary effects of debris removal.

**Mounes Drainage Improvements Phase I, Jefferson Parish:** Resident Inspector for drainage improvements along Mounes Street from Dickory Avenue to Crochet Ditch. The project consists of the installation of approximately 1,280 linear feet of precast 10'x8' box culverts which tie-in to the existing box culverts from the Pump-to-the-River (PTTR) project.

**H.014375 US 190 W Roundabouts, St. Tammany Parish:** Design of three (3) roundabouts at the intersections of US 190W and Maris Stella Avenue, Carrol Road, and Westminster Drive. The design will remove existing traffic signals, require right-a-way acquisition, drainage analysis, and LADOTD permitting.

**St. Tammany Parish Judge Tanner Blvd. @ N. Causeway Blvd. Service Road Roundabout Design & Study:** Stage 0 Feasibility Study and design for operational improvements for the intersection of Judge Tanner Blvd. @ N. Causeway Blvd. Service Road including recommendations for roundabout and sidewalk installations, concept roundabout designs, and formal design plans.

**St. Tammany Parish Military Road (US190) Water Main Extension, Slidell, LA:** Design for a new 8" and 12" water main through the French Branch neighborhood and along military road (us190) to create a looped system connecting the cross gates system to the river oaks system for Tammany Utilities in St. Tammany parish near Slidell. Project includes DOTD permitting, new fire hydrants, ARVs, and new service connections to residents. Design involves directional drill of water main under French Branch Bayou and Doubloon Branch Bayou.

**US190 Water And Sewer Force Main Relocation, Covington:** Engineering Intern for the design of Water and Sewer Force Main Relocation as part of the DOTD New Brogue Falaya Bridge (H.001344) which is the widening of US 190 to a four lane boulevard between US 437 and US 190. Over 2,000 linear feet of 10" and 8" HDPE and C-900 PVC water main and 1,100 linear feet of sewer force main and sewer line are to be relocated. A new bridge over the Bogue Falaya River will be constructed adjacent to, and east of, the existing bridge and will be 54-feet-wide with three 12-foot travel lanes for 2 northbound traffic with an eight-foot shoulder to the inside and a 10-foot shoulder to the outside.



## TEC Professional Services Questionnaire

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

#### Name & Title:

**LELAND WRIGHT, CADD**

#### Project Assignment:

**CAD Design**

#### Name of Firm with which associated:

**Richard C. Lambert Consultants, LLC**

#### Years' experience with this Firm:

**34**

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

**Bachelor of Science / 1979 / Industrial Technology / Louisiana State University**

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

**N/A**

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

Mr. Wright has over 34 years' experience in Design and Computer Aided Drafting of Roadways, Major Drainage Systems, Parking Lots, Sewer & Water Systems, etc. Mr. Wright has experience in Civil, Structural and Electrical Drafting utilizing AutoCAD (Release 2016), cost estimating, Contract Administration, Structural Design and Inspection of Civil Construction Projects; Experienced in subdivision layout, drainage calculations, etc. LADOTD and City of New Orleans format plan preparation experience on Utility, Roadway and Drainage projects. His experience includes assisting in the design and drafting of the following projects:

**St. Tammany Parish Sustainable Growth Study:** CAD design for the engineering design and planning services within an area of St. Tammany Parish bounded by I-12 on the north, US HWY 190 to the west, Sharp Rd on the south, and LA HWY 59 to the east. This approximately 3,000-acre area in T7-R11E is prone to flooding and is currently being actively developed. To allow development to continue without increasing flood risks to existing and future structures, a multi-faceted study is being conducted with the intent to recommend changes to parish regulations or procedures that will result in a more sustainable growth with detailed studies of the hydrology and hydraulics of the three drainage basins affecting the study area, which include Ponchitola Creek/ Little Creek, Bayou Tete L'Ours, and Bayou Chinchuba.

**Barber Road Bank Stabilization, St. Charles Parish:** VAD Design for the bank stabilization design of 3,650 linear feet of Barber Road. Design encompasses slope stability analyses, bank stabilization recommendations, sheet pile design parameters, Roadway typical sections, and canal cross sections for stabilizing and widening Barber Road.

**Earhart Expressway Jack & Bore:** A \$1.2 million-dollar drainage project for the Jefferson Parish Department of Capital Projects. Project design included construction of three 84" diameter steel pipe Jack & Bore under Earhart Boulevard, reinforced Concrete headwalls, steel sheeting wing walls, splash ponds and incidental work.

**Stormwater Demonstration Project (West Metairie and North Woodlawn):** Project included design of a 54" SFM, 2,216lf with 25ft deep crossing under a 4 lane roadway (West Metairie) and major drainage canal. All work installed under traffic and required a full concrete roadway replacement with associated local drainage and utility redesign.

**West Napoleon Avenue (Roosevelt Blvd. to David Dr.) Project No. 742-07-0092:** CAD Design for a \$12.54 Million, 4 lane divided arterial asphalt roadway with concrete curb and gutter. The project was funded through the LADOTD TIMED Program and also included the design of concrete-lined canals in Jefferson Parish with drainage, water and sewer improvements.

**Mounes Street Extension (Edwards Avenue to Hickory Drive), Jefferson Parish Project No. 93-052-RBI:** CAD Design for the ½ mile extension of arterial 4-lane concrete roadway in Jefferson Parish, including an 8'x10' box culvert and railroad crossing. Design required drainage, water and sewer lines.

## TEC Professional Services Questionnaire

**Washington Parish Watershed Initiative Grant For Drainage Culvert Improvements:** CAD design for the Washington Initiative Grant for Drainage Culvert Improvements. Washington Parish Public Works identified locations where frequent flooding, bank erosion, and overtopping occur during rain events. Performed hydrologic and hydraulic studies of the location areas using HEC-HMS and HEC-RAS models and designed drainage crossings to convey 25-year storm flows.

**Slidell Submerged Streets Projects, Lee Street Drainage Basin, Slidell:** CAD Design for this drainage and sewerage point repairs and line replacements for damage sustained during Hurricane Katrina in the Lee Street Drainage Basin area. Also included are roadway and sidewalk repairs and reconstruction for areas damaged during debris removal activities post Hurricane Katrina.

**Transcontinental Drive (Phase I) (I-10 to Quincy Street), Project 98-051-RBI:** CAD Design for \$2.0 million asphalt street reconstruction project for the Jefferson Parish Department of Engineering. Project included the installation of a new major drainage system, inclusive of reinforced concrete box culvert and back-to-back U-turns.

**West Esplanade Avenue/Lake Avenue Intersection Improvements, Jefferson Parish Project No. 98-036A-RBI:** Civil CAD team member on an \$876 thousand project to upgrade the intersection, which included major drainage structures, concrete paving, asphalt pavement, and signalization.

**Bonnabel Canal:** \$2 million project at the intersection of West Esplanade and Bonnabel Canal, which included construction of a two cell 24' x 12' high structure. The lateral structures tapered from 20 feet wide to 8 feet wide to provide proper flow characteristics for the intersecting canals.

**Gabriel Subdivision, Kenner, LA:** CAD Design for this residential community of 219 lots extending over a site in excess of 70 acres. Design drainage improvements for this subdivision included Hydrologic and Hydraulic study. All work was in accordance with Jefferson Parish Dept. of Drainage Regulations.

**Coffee Street Drainage, Mandeville, LA:** CAD Design for mill & overlay and replacement of ½ mile of asphalt roadway. Added subsurface drainage to existing ditches and replaced and relocated existing 8" waterlines.

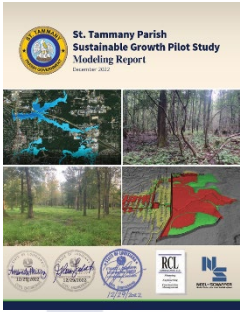
## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>JOHN RANDALL, ATSSA Certified Inspector</b>
<b>Project Assignment:</b>
<b>Engineering Construction Observation</b>
<b>Name of Firm with which associated:</b>
<b>Richard C. Lambert Consultants, LLC</b>
<b>Years' experience with this Firm:</b>
<b>11</b>
<b>Education: Degree(s)/Year/Specialization:</b>
<b>ATSSA Registered Flagger and TCT Courses</b>
<b>Active registration: Year first registered/discipline:</b>
<b>N/A</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Randall is proficient in construction observation and certified in temporary traffic control measures. He has performed Construction Inspection on the following project for RCLC:</p> <p><b>FEMA Funded Recovery Roads Program – RR3 – West Bank Group A:</b> CE&amp;I for remediation of damage caused from debris removal operations due to Hurricane Katrina. Project involves site investigation to determine pavement replacement areas which are the direct result of street inundation or from the secondary effects of debris removal and utility and drainage work.</p> <p><b>H.0110276 &amp; H011794: New Orleans Airport Connector Road Segments A &amp; B:</b> CE&amp;I for a new four-lane median divided roadway with sound walls for the northern airport right-of-way property line to the southern right-of-way line of Veterans Memorial Blvd. and generally within the Aberdeen Street Corridor (Segment A). Addition of a left-turn lane and upgrade traffic signals at the intersection of Loyola Drive and Veteran Blvd. as well as, the addition of a left-turn lane at the intersection of I-10 and Loyola Drive (Segment B). Related work for both projects includes sidewalks, drives, curbing, barrier rail, roadway widening, surcharge, detours, signage, striping, box culvert bridge, tree removal / clearing &amp; grubbing, and drainage.</p> <p><b>H.011731.6: West Esplanade Bridges @ Duncan Canal:</b> Construction Observer for the replacing of outdated and deteriorated bridges along W. Esplanade @ Duncan Canal from Rue Chardonay to Arkansas Avenue. Double box culverts 14' x 8' and double box culverts 38' x 13' are being used to replace the existing bridges. Included in the scope of work are several utility relocations – 36" and 16" water lines and sewer force main relocations.</p> <p><b>H.0007177: Ames Boulevard Improvements (Barataria to East Ames), Jefferson Parish:</b> Construction observer for a \$6.26 million project consisting of Grading, Subsurface Drainage, Utilities (Including new water mains, services, and valves; new drainage lines and structures; and new sewer lines and force main offsets), Portland Cement Concrete Pavement Roadway Construction, Traffic Signal System, and Permanent Striping a main north/south roadway on West Bank of Jefferson Parish.</p> <p><b>Canal Street Emergency Repairs, New Orleans, LA (5/16-9/16):</b> Construction observer for this project of repairs to tunnel closure bulkheads under Canal and Poydras. Project also includes restoration of collapsed roadway and sidewalk pavements and bed and tracks for streetcar line.</p> <p><b>LA1077-LA 21 Connector Road Feasibility Study and Design, Covington, LA, Project No. 300-00-13-08-4:</b> Construction Observer for the construction for a new connector road extending from the existing roundabout along the Ochsner Blvd. extension to LA 1077 in St. Tammany Parish. Scope of Services includes line and grade analysis, roundabout evaluations, environmental assessment, traffic studies, complete streets analysis, and coordination with committed / unconstructed DOTD projects.</p> <p><b>Lapin Street, Quail Creek &amp; Forest Brook Drainage Improvements, Mandeville:</b> Construction observer for this Comprehensive Drainage Analysis, Design and Construction Engineering and Observation for drainage Infrastructure improvements in St. Tammany Parish. Work is focused on reducing repetitive street flooding conditions in Forest Brook and Quail Creek subdivisions with construction of a new detention pond and increasing the storage volume of an existing detention pond in the area of Lapin Street. Project involved the movement of 86,000 cubic yards of earth.</p>

## TEC Professional Services Questionnaire

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

### PROJECT NO. 1

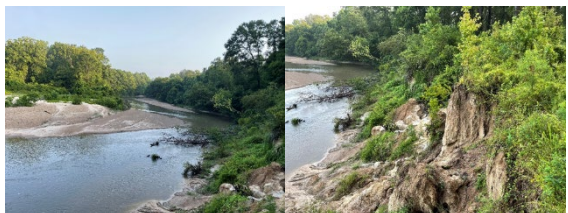
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Bayou Tete L'Ours Watershed Management Study, Westwood Regional Detention Pond, and St. Tammany Parish Sustainable Growth Study</b>  <b>St. Tammany Parish, LA</b></p> <p><i>St. Tammany Parish Department of Engineering</i>  21415 Koop Road  Mandeville, LA 70471  Daniel Hill, PE, Director  985-898-2552</p> 	<p><b>Hydrology and Hydrologic Design</b> for this extensive watershed analysis using HEC-HMS and HEC-RAS for existing conditions to evaluate possible improvements to the basin. Basin map and delineation was developed using LiDAR contours, aerial imagery maps and other available information provided by St. Tammany Parish. One recommended improvement alternate was to incorporate a 66.5 acre in-line marsh detention pond along Bayou Tete L'Ours on undeveloped property. Existing and improved conditions were submitted to U.S. Army Corps of Engineers. The existing conditions model was used to update FEMA Maps and Flood Zone designations within St. Tammany Parish.</p> <p><b>Drainage Growth Study</b> for the engineering design and planning services within an area of St. Tammany Parish bounded by I-12 on the north, US HWY 190 to the west, Sharp Rd on the south, and LA HWY 59 to the east. This approximately 3,000-acre area in T7-R11E is prone to flooding and is currently being actively developed. To allow development to continue without increasing flood risks to existing and future structures, a multi-faceted study is being conducted with the intent to recommend changes to parish regulations or procedures that will result in a more sustainable growth with detailed studies of the hydrology and hydraulics of the three drainage basins affecting the study area, which include Ponchitolawa Creek/Little Creek, Bayou Tete L'Ours, and Bayou Chinchuba.</p> <p><b>Basin wide Hydrological analysis</b> to estimate the benefits associated with the Westwood Regional Detention Pond. The existing Bayou Tete L'Ours HEC-HMS and HEC-RAS models were reviewed and updated to reflect substantial changes to the watershed included updating the stage storage and elevation discharge functions that represent the proposed regional detention pond. Proposed 60-acre Westwood Regional Detention Pond project based on the RCLC's Westwood Regional Detention Pond Hydrological Analysis HEC-HMS and HEC-RAS models.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025 (E)	\$1,300,000	\$1,300,000

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Tulane University Hydrologic &amp; Hydraulic Restoration &amp; Mitigation Study</b>  <b>New Orleans, LA</b>  Tulane University  800 East Commerce Rd., Suite 201  Harahan, LA 70123  Michael Jester, Director of Capital Projects  504-865-5444</p>	<p><b>Hydrologic and Hydraulic analysis</b> of the Tulane University St. Charles Avenue Campus to evaluate the potential impacts of floodproofing 22 buildings within the Tulane campus on the surrounding community. Study and report evaluated the 1% annual rainfall event and its effects on the 100 year FEMA flood plain. This project was administered through GOHSEP and funded by FEMA.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011 (A)	\$67,000	\$67,000






## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Port Hudson Pride Road Streambank Stabilization</b> <b>East Baton Rouge Parish, LA</b>  <i>East Baton Rouge Parish</i> <i>P.O. Box 1471</i> <i>Baton Rouge, LA 70821</i> <i>Tom Stephens, PE</i> <i>225-389-3186</i>	<p>Design and construction of a federally funded project through the Hazard Mitigation Grant Program (HMGP) under DR-4277. This project will address Comite River streambank erosion northeast of the Port Hudson Pride Road bridge crossing (east bank) of the Comite River as well as an area of west streambank just north of the Port Hudson Pride Road bridge crossing. The roadway and bridge crossing are subject to failure from erosion/undercutting of road bank from high velocities and flooding, displacement and destruction of the road structure and bridge footings from landslides (from heavy rains). The intent is to repair current erosion problems and design to prevent future erosion.</p> <div style="text-align: center;">  </div>	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2025 (E)	\$3.185 Million	\$3.185 Million


<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Washington Parish Culvert Replacement Program &amp; Washington Parish Watershed Initiative Grant For Drainage Culvert Improvements</b> <b>Washington Parish, LA</b>  <i>Washington Parish Government</i> <i>909 Pearl Street</i> <i>Franklinton, LA 70438</i> <i>Ken Wheat, 985-839-7825</i>	<p><b>Design and Construction Administration</b> for Washington Parish Public Works, which has identified forty-seven (47) locations where frequent flooding, bank erosion, and overtopping occur during rain events. H&amp;H Study and construction documents evaluated each of these locations. Project intent was to reduce the frequency of adverse events upstream of the existing stream crossing by increasing conveyance of storm flows. Performed Hydrologic and Hydraulic Studies of the location areas and designed drainage crossings to convey 25-year storm flows. These designs were developed into construction documents for Owner to release for bidding. H&amp;H study documents were developed in accordance with FEMA and GOHSEP guidelines and approved by those agencies.</p> <p><b>Drainage Study</b> for the new 2021 Initiative Grant for Washington Parish Public Works identified locations where frequent flooding, bank erosion, and overtopping occur during rain events. Performed hydrologic and hydraulic studies of the location areas using HEC-HMS and HEC-RAS models and designed drainage crossings to convey 25-year storm flows.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2021 (A)	\$2,300,000	\$2,300,000

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2025 (E)	\$1,300,000	\$1,300,000
<b>West Napoleon Avenue (David Dr. to Roosevelt Ave.) Jefferson Parish</b>  <i>Jefferson Parish Dept. of Engineering, 1221 Elmwood Park, Suite 802, Jefferson, LA 70123 Angela DeSoto, PE, Director 504-736-6512</i>	<b>Project Planning, Design Services, and Construction Engineering &amp; Inspection</b> for an Asphaltic Concrete Urban Arterial Roadway with asphalt pavement and concrete curb and gutter. <b>Major drainage improvements, including reinforced concrete drainage canal, flumes, and box culverts.</b> The project was funded through the LADOTD TIMED Program and also included the <b>design of two drainage pump station relocations in Jefferson Parish with drainage, water and sewer improvements.</b> <div style="text-align: center; margin-top: 10px;">  </div>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2/2006 (A)	\$12,500,000	\$12,500,000

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Barber Road Bank Stabilization St. Charles Parish, LA</b>  <i>St. Charles Parish P.O. Box 302 Hahnville, LA 70057 Lee Zeringue, PE 985-783-5000</i> <div style="text-align: center; margin-top: 10px;">  </div>	<b>Design</b> for the bank stabilization of 3,650 linear feet of Barber Road. Design encompasses slope stability analyses, bank stabilization recommendations, sheet pile design parameters, Roadway typical sections, and canal cross sections for stabilizing and widening Barber Road. <div style="text-align: center; margin-top: 10px;">  </div>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2024 (A)	\$2.8 Million	\$2.8 Million


## TEC Professional Services Questionnaire


PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>W-14 Reinforced Concrete Box Culvert</b> <b>Slidell, LA</b>  <i>City of Slidell, Dept. of Engineering</i> <i>2056 Second Street</i> <i>Slidell, LA 70459</i> <i>Blaine Clancy, PE, Director</i> <i>985-646-4270</i>	Design, Construction Administration and Inspection for this double 14'x10', 350ft long reinforced concrete box culvert with drainage and related earthwork. Design of this box culvert required an existing condition and post construction hydrologic and hydraulic study using HEC-RAS software to evaluate the effects of the improvements to the watershed. Results of this study were reviewed by the City of Slidell, and St. Tammany Parish Engineering Departments and the U.S. Army Corps of Engineers. Study results were incorporated into plans and specifications for construction. Funding was through Louisiana Facility Planning and Control where all work complied within the intent of the Capital Outlay Request/Act. 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
9/2011 (A)	\$1,740,000	\$1,740,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Lapin Street, Quail Creek &amp; Forest Brook</b> <b>Drainage Improvements</b> <b>Mandeville, LA</b>  <i>St. Tammany Parish</i> <i>Dept. of Engineering</i> <i>Daniel Hill, PE, Director</i> <i>21415 Koop Road, Mandeville, LA 70471</i> <i>985-898-2552</i>	Comprehensive Drainage Analysis, Design and Construction Engineering and Observation for regional drainage detention Infrastructure improvements in St. Tammany Parish. Work focused on reducing repetitive street flooding conditions in Forest Brook and Quail Creek subdivisions with construction of a new detention pond and increasing the storage volume of an existing detention pond. Large scale drainage project administered through GOHSEP and FEMA.  	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
5/2016 (A)	\$1,500,000	\$1,500,000



## TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Galvez Canal Berm Improvements</b> <b>Mandeville, LA</b>  <i>City of Mandeville</i> <i>Department of Public Works.</i> <i>1100 Mandeville High Blvd.</i> <i>Mandeville, LA 70471</i> <i>Clif Siverd, Assistant Director</i> <i>985-624-3169</i>	<b>Canal and stability design and Construction Administration</b> of approximately 2,000 linear feet of composite FRP sheet pile wall with concrete cap and whaler to elevation 7.3' with associated backfill to minimize the effects of tidal and storm surge from Lake Pontchartrain on the existing Galvez Canal and surrounding areas.	
	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
	2019 (A)	\$1,200,000 \$1,200,000

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Dwyer Road Intake Canal</b> <b>New Orleans, LA</b>  <i>Sewerage and Water Board of New Orleans</i> <i>625 St. Joseph St., Rm. 311</i> <i>New Orleans, LA 70165</i> <i>Ron Spooner, PE</i> <i>504-585-2365</i>	<b>Design of 1.3 miles of 10'x10', 10'x12' and 11'x14' reinforced concrete box culvert canal</b> for the Sewerage and Water Board of New Orleans and the United States Corps of Engineers in New Orleans East paralleling an existing box canal. Work involved relocating 30" SFM, 20" waterline and other utilities, removing and replacing roadway, and tying new box canal to existing box canal in several locations. <b>Major improvements to the suction canal for the Dwyer Road Pumping Station. Drainage work included forming and placing reinforced concrete boxes, connecting existing drainage to new system,</b> utility relocations, sewer line adjustments and roadway removal and replacement. This project was funded through U.S. Army Corps of Engineers Southeastern Louisiana Flood Program.	
	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
	2009 (A)	\$53,000,000 \$26,500,000



## TEC Professional Services Questionnaire

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

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

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

Richard C. Lambert Consultants, LLC is a multi-disciplined consulting firm founded in 1987 and is recognized for its professionalism, competency, accurate calculation of pay quantities, fairness, economical negotiation of additional work, and insightful input to the contractor regarding contract time and progress. All this translates into highly effective management of the project with minimal overruns in cost and time and no unresolved disputes that escalate into litigation. The firm's staff is familiar with the project area and consists of long-term, low-turnover dedicated employees. **RCLC has been in continuous practice for 38 years in southeast Louisiana and has a thorough understanding of all Jefferson Parish requirements and standards.**

In-house Professional Staffing includes Licensed Engineers, Interns, CADD Operators, Field Construction Observers, Certified LADOTD Field Inspectors, Administrative Personnel, and Support Staff. Our Engineers and Construction Observers are also ATSSA Certified as Traffic Control Supervisors as required by LADOTD. **RCLC clearly has all of the resources and capabilities necessary to perform all of the services required for this project.**

Since our inception, RCLC has completed numerous drainage design projects across southeastern Louisiana, for which we designed and performed construction administration services. RCLC has designed numerous drainage improvement projects by carefully preparing plans and specifications to meet the needs of our clients. RCLC's Project Team has all of the resources and capabilities to perform all of the services required for this project.

### **MINIMUM QUALIFICATIONS:**

1. Richard C. Lambert, PE, is the principal of Richard C. Lambert Consultants, LLC and is a registered professional engineer in the State of Louisiana.
2. Richard C. Lambert, PE is the principal of Richard C. Lambert Consultants, LLC and is the Professional in Charge of the Project who is a registered professional civil engineer registered as such in Louisiana with a minimum of five (5) years' experience in the disciplines involved for this Project. *(Mr. Lambert has over 30 years' experience.)*
3. Mr. Franz J. Zemmer, Mr. Roy Payne, Mrs. Angela K.G. Eymard, Mr. Arthur Ledet, and Mr. Eric Kocken are professional civil engineers registered as such in Louisiana, in the field or fields of expertise required for the project and are familiar with current Department of Transportation & Development (DOTD), Federal Highway Administration (FHWA) and Federal American Association of State Highway & Transportation Officials (AASHTO) design standards and plan preparation guidelines.

## **TEC Professional Services Questionnaire**

### **FIRM'S PROFESSIONAL TRAINING & EXPERIENCE:**

RCLC is managed by **Richard C. Lambert, PE**, who will be involved daily in the supervision, planning, and control of the processes required by this RFQ. RCLC's **Project Design Team** will be led by **Frank Zemmer, PE, Partner of the firm and our Senior Design Engineer in Responsible Charge**, from conception to completed construction. **Roy Payne, PE, Angela K.G. Eymard, PE, Arthur Ledet, PE, and Eric Kocken** will be fully engaged on the project and are highly experienced in Project Management, Design, Public Bids, and Construction Administration. RCLC adheres to LADOTD's Quality Control Plan/Quality Assurance Manual.

RCLC employs the latest technologies with regards to the production of engineering documents. Our design team uses the most current version of MicroStation and AutoCAD Civil 3D with additional design tools including Autodesk Civil 3D, Revit (MEP and structural), ArcGIS, Hydroflow, HEC-HMS, HEC-RAS, etc. We are able to manipulate raw GIS and survey data into digital terrain models and elaborate infrastructure system models. These models are used to develop roadway alignments. We have also developed proprietary software for cost estimating, project tracking, specification development, building assessment, and programming.

The staff at RCLC maintains training with the latest applicable guidelines and codes and continuing education. Our design professionals have attended relevant seminars and are experienced in recent changes to the LADOTD design standards, NPDES, LADEQ, LADHH, AASHTO guidelines and MUTCD, NEPA, and the latest ADA requirements.

RCLC is qualified to provide all engineering services for the proposed **Sala Avenue Historic District Drainage Feasibility and Analysis Improvements Project** for project design and the development of construction documents. RCLC has successfully designed and administered the construction of numerous Drainage Projects Reinforced Concrete Box Culverts, Storm Water Detention Facilities, Streets, Highways, and Bridges located in Jefferson Parish. ***Please find detailed personnel resumes and project experience within Section K and L of this packet.***

### **SIZE OF FIRM:**

RCLC possesses all of the resources and staff necessary for this project. The Firm generally employs our core staff of 30 to 36 employees, and with subconsultants BFM Corporation, LLC, Gulf South Engineering and Testing, Inc., and Reich Landscape Architects nearly unlimited additional resources are available. RCLC has worked well with each of our subconsultants. BFM Corporations, LLC will be handling Surveying Services. Gulf South Engineering and Testing, Inc. will be responsible for Geotechnical Services. Reich Landscape Architects will be responsible for Landscape Architecture Services. ***Please see Section E for RCLC Personnel breakdown by discipline.***

### **CAPACITY FOR TIMELY COMPLETION OF WORK:**

Richard C. Lambert Consultants, LLC has sufficient staff and expertise to meet the time frames associated with this type of project and will commit the staff and effort as needed to perform all Jefferson Parish Professional Work within the budget and on schedule. RCLC has created practices and procedures to efficiently execute the process from start to finish. All team members will be involved and contribute to the success of the project.

Over the last three decades, RCLC has never been put in default or failed to achieve any schedule required by contract. This is due to the company's practices and procedures of carefully tracking the project schedule from start to finish and maintaining communication with our clients. The firm has successfully completed very large infrastructure projects of over \$50 million in construction value on time and under budget. Our familiarity with Jefferson Parish and its departments will result in direct communications of the Parish's directives and intentions for the design of the project. There are conditions when issues beyond the control of RCLC affect the schedule. This occurred on Ames Boulevard which was selected by LADOTD. The project schedule was impacted by field conditions which were not as represented in the plans. Several private utilities had not been relocated causing the contractor delays. These types of incidents should not reflect negatively on RCLC's ability to complete projects within the allotted schedule.

During the course of a project, if a deadline is approaching, RCLC is in constant contact with the Project Manager to avoid potential delays and resolve these issues to keep the project moving along. For instance, early on in the design process for the Saddler Sewer Lift Station Improvements Project, RCLC notified Jefferson Parish Sewer Capital Improvements Program that the preferred location appeared to be outside of the apparent public right-of-way thus requiring a servitude to be acquired. Developing proactive design solutions to potential problems during construction are results of experienced Engineering and such delays, when necessary, should never negatively reflect on the ability to complete projects in a timely manner.

## TEC Professional Services Questionnaire

All RCLC Jefferson Parish drainage design projects have been within the project schedule. RCLC, with our subconsultants and our team of highly trained professionals, will be dedicated to the completion of the project in the minimum amount of time and providing a timely response to any correspondence dealing with projects.

RCLC CURRENT WORKLOAD		
Project Name	Type/Description	Status
US190 ROUNDABOUTS	Design of roundabout at 3 intersections along US190 in Slidell.	Currently in Design
JUDGE TANNER ROUNDABOUT	Design of roundabout at Judge Tanner and US190 Service Road intersections in Covington.	Currently in Design
MINNESOTA PARK ROUNDABOUT	Design of roundabout at Minnesota Park and Range Road intersections in Hammond.	Currently in Design
LEO KERNER WATERLINE	Design of Bypass Water Main along Leo Kerner	Currently in Contracts

RCLC has an exemplary record of designing and producing construction contract documents that are clear and understandable to Bidders. Lack of construction claims and minimum increases in construction costs during construction are a true testament to RCLC's long history of successful projects with Jefferson Parish.

**Combined with our project history of the local area, our Design and Construction Administration personnel are intimately familiar with the conditions that will be encountered during drainage projects. We will minimize the effects on neighboring businesses and residences and traffic patterns. All of this will allow us to expedite the design by receiving prompt permit approvals from all agencies as the result of our extensive knowledge.**

**RCLC has the staff and expertise to meet the time frame associated with the completion of this project. RCLC has always committed the staff and effort needed to perform all work within budget and in a timely and professional manner.**

### PAST PERFORMANCE ON PUBLIC CONTRACTS:

We have completed hundreds of infrastructure design projects across southeastern Louisiana over our 38 years in business, for which we designed and performed construction administration services. RCLC has successfully fulfilled all contractual obligations on all Parish/LADOTD Construction Administration Contracts, with all project paperwork involved accepted without repeated visits or controversy. FHWA reports on our projects indicated that the work was performed properly. This is due to the extensive experience of the personnel assigned to the projects. **Jefferson Parish, LADOTD or FHWA funds have never been withheld on RCLC projects.**

RCLC has successfully completed professional contracts without litigation for public and private sector clients including, Jefferson Parish, LADOTD, Sewerage & Water Board of New Orleans, the City of New Orleans, the City of Kenner, Non Flood Protection Asset Management Authority, the Orleans Levee District, LANOIA, St. Tammany Parish, the City of Slidell, St. Bernard Parish, Washington Parish, and many National Private Sector Clients, etc. **RCLC has been recognized on our past public contracts for the absence of any notable problems with delays, cost overruns and/or design inadequacies. We have never had litigation relative to any projects, and we pride ourselves for being on time and within budget with public and private contracts.**

RCLC has never experienced difficulty in meeting budgets, deadlines, or design quality expectations on our projects. The multitude of public work shown and repeat clients are evidence of this fact. **RCLC was ranked 1<sup>st</sup> in 2021 and in 2015 and 4<sup>th</sup> in 2016 for the ranking of over 72 Firms for New Orleans Public Works. RCLC has regularly been ranked 1<sup>st</sup>, selected by LADOTD, and consistently receives high ratings from LADOTD for Construction Administration Projects in Jefferson Parish.**

### OFFICE LOCATION:

RCLC's Mandeville Headquarters will support our New Orleans office, which is located at 829 Baronne Street, New Orleans, LA. Our office locations allow us the ability to mobilize for the project quickly and be available to complete the project in a timely manner. RCLC also has the ability to use our subconsultants office, which is located at 15 Veterans Boulevard, Kenner, LA 70062. The substantial resources of our team's offices make the completion of any assigned project successful.

### STATUS OF CURRENT OR PAST LITIGATION WITH PUBLIC ENTITY, IF ANY:

**NONE.** RCLC has successfully completed all professional contracts without litigation for Jefferson Parish.

## TEC Professional Services Questionnaire

### CURRENT AND PREVIOUS JEFFERSON PARISH WORK:

\$12.5 Million West Napoleon Avenue (David Dr. to Roosevelt Ave.)  
\$1.8 Million Veterans Boulevard Back-to-Back U-turns  
\$2.2 Million Veterans Boulevard Overlay (Suburban Canal to Bonabel Canal)  
\$2.1 Million Mounes Street Extension (Edwards Ave to Hickory Drive)  
\$6.5 Million Ames Boulevard Improvements (Barataria to East Ames)  
\$876 Thousand West Esplanade Avenue/Lake Avenue Intersection Improvements  
\$3.5 Million West Esplanade Panel Replacement (Clearview Pkwy to Bonabel Blvd)  
\$4.3 Million Transcontinental Drive, (Phase I-I-10 to Quincy Street) & (Phase II-Quincy Street to Yale Street)  
\$2 Million Bonabel Canal Reinforcement Box Culvert Project, Phase I  
\$6 Million Bonabel Canal Drainage Improvements, Phase II  
\$6.5 Million West Napoleon Avenue (Green Acres to Kent Ave.)  
\$1.3 Million Sibley @ West Napoleon and Mississippi @ West Napoleon Sewer Lift Station Improvements  
\$2.5 Million Manhattan Blvd. (Gretna- US 90B) Overlay  
\$1.75 Million PS-E7-1 Pump Station Improvements (Kawanee and Page)  
\$989 Thousand Sewer Rehabilitation Program LS 4208 (Granada & Martinique) Sewer Lift Station and Sewer Force Main Improvements, Kenner, LA  
\$1.1 Million Ames Blvd. (Montgomery to Lapalco)  
\$4.8 Million Power Boulevard (I-10 to West Esplanade)  
\$2.95 Million Segnette Boulevard Overlay  
\$1.2 Million 26th Street Bridge over Canal No. 17 (Butler Canal)  
\$2.1 Clearview Drainage Improvements  
\$4.4 Million Hurricane Katrina-Related Debris Removal from Public Property in Jefferson Parish  
\$9.6 Million Jefferson Parish District Attorney Office Building  
\$10.5 Million Kenner Police Headquarters & Jail

*Please see Section K Resumes and Section L Project Experience for additional information.*

### REFERENCES:

#### **Jefferson Parish**

1221 Elmwood Park., Suite 802, Jefferson, LA 70123  
Mark Drewes, P.E., Public Works Director, 504-736-6783

**City of New Orleans, Department of Public Works**  
1300 Perdido St., Rm 6W03, New Orleans, LA 70112  
Nguyen Phan, P.E., Chief Engineer, 504-658-8000

#### **City of Kenner, Department of Public Works**

1801 Williams Blvd, Kenner, LA 70062  
Tom Schreiner, Deputy CAO, 504-468-7515

**Sewerage & Water Board of New Orleans**  
8800 South Claiborne Ave, New Orleans, LA 70118  
Ron Spooner, 504-585-2365

#### **St. Tammany Parish, Department of Engineering**

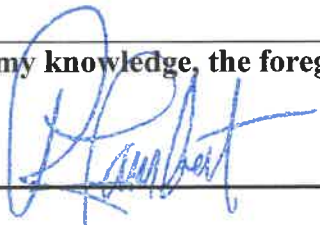
21415 Koop Road, Mandeville, LA 70471  
Daniel Hill, PE, Director, 985-898-2552

**City of Slidell, Department of Engineering**  
2056 Second Street, Slidell, LA 70459  
Blaine Clancy, PE, Director, 985-646-4270

RCLC was founded in Jefferson Parish 38 years ago and has performed numerous Public Works projects for the Parish throughout our long established history in the Parish. We have been repeatedly selected for Major Projects throughout the Parish. We have **extensive experience in managing Public Bid Projects and Public Bid issues** and have minimized the impact of construction on adjacent businesses.

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

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



**Print Name: Richard C. Lambert, PE**

**Title: Principal-In-Charge, Manager/Member**

**Date: 01/20/25**



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

Name:

Richard C. Lambert  
Consultants, LLC

Public Address:

900 West Causeway  
Approach**License/Certificate Information w/ Supervision**


License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002493	Active	03/07/2000	09/30/2026	Mr. Richard Christian Lambert # PE.0022167 ; Mr. Roy Henry Payne Jr. # PE.0032540 ; Mr. Franz Joseph Zemmer # PE.0028232



## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 3/6/2024 the Louisiana Professional Engineering and Land Surveying Board (LPELS) has the following information on file:

Mr. Richard Christian Lambert  
900 West Causeway Approach  
Mandeville, Louisiana 70471

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>	
<b>Mr. Richard Christian Lambert</b>		
License/Certificate Type - Number	Expiration Date	
<b>PE.0022167</b>	<b>09/30/2025</b>	
<b>Status: Active</b>		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

Fold Here

Cut Here

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

### Disclaimer

All information provided by LPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LPELS.

**Statement of Qualifications**

**AFFIDAVIT**

**STATE OF** Louisiana

**PARISH/COUNTY OF** St. Tammany

BEFORE ME, the undersigned authority, personally came and appeared: Richard C. Lambert, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized Manager / Member of Richard C. Lambert Consultants, LLC (Entity), the party who submitted a Statement of Qualifications (SOQ) to SOQ25-005 Sala Avenue (Briefly describe the services the SOQ will cover), to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A**   X   Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

**Choice B**        there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

**Richard C. Lambert Consultants, LLC et al**  
**Contributions Made to Current or Former JP Elected Officials**  
**1/20/2023 through 1/20/2025**

Date	Name	Amount	Entity
5/30/2024	Van Vrancken, Jennifer (Div. A)	1,000.00	RCLC*
5/1/2023	Bonano, Deano (District 2)	\$2,500.00	LA 22B**
6/15/2023	Bonano, Deano (District 2)	1,000.00	Personal***
7/13/2023	Bonano, Deano (District 2)	2,500.00	RCLC
3/20/2023	Impastato, Dominick (District 4)	1,000.00	RCLC
6/13/2023	Impastato, Dominick (District 4)	1,000.00	RCLC
2/9/2023	Walker, Scott (At-Large)	\$1,000.00	RCLC
2/9/2023	Templet, Ricky (At-Large)	\$1,000.00	RCLC
3/20/2023	Templet, Ricky (At-Large)	2,500.00	LA22B
6/13/2023	Templet, Ricky (At-Large)	500.00	LA22B
7/22/2024	Templet, Ricky (Committee to Elect)	500.00	RCLC
5/26/2023	Lee-Sheng, Cynthia (President)	\$1,000.00	RCLC
9/25/2024	Lee-Sheng, Cynthia (President)	1,000.00	RCLC
3/20/2023	Lee, Byron (District 3)	\$1,000.00	RCLC
6/13/2023	Lee, Byron (District 3)	1,000.00	RCLC
3/20/2023	Edwards, Marion (District 1)	\$2,500.00	LA22B
6/13/2023	Edwards, Marion (District 1)	2,500.00	Personal
3/18/2024	Edwards, Marion (District 1)	1,000.00	RCLC
3/20/2023	Brandt, Ralph (JPSB)	\$ 500.00	RCLC
3/20/2023	Liljeberg, Hans (District 5)	\$2,500.00	RCLC
4/8/2024	Liljeberg, Hans (District 5)	1,000.00	RCLC
12/23/2024	Liljeberg, Hans (District 5)	1,000.00	RCLC
11/27/2023	Anita Bohannon (District 4)	\$1,000.00	RCLC

**\*Richard C Lambert Consultants, LLC**

**\*\*LA 22B, LLC**

**\*\*\*Richard C. Lambert**



Affiant further said:

Debt Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

Choice A \_\_\_\_\_ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B   X   There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

Solicitation of Campaign Contribution Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

Choice A \_\_\_\_\_ Attached hereto is a list of all elected officials of the Parish of Jefferson, whether still holding office at the time of the affidavit or not, where the elected official, individually, either by **telephone or by personal contact**, solicited a campaign contribution or other monetary consideration from the Entity, including the Entity's officers, directors and owners, and employees owning twenty-five percent (25%) or more of the Entity, during the two-year period immediately preceding the date the affidavit is signed. Further, to the extent known to the Affiant, the date of any such solicitation is included on the attached list.

Choice B   X   there are **NO** solicitations for campaign contributions which would require disclosure under Choice A of this section.

Affiant further said: RCLC does not keep records of solicitations.

Subcontractor Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

Choice A   <sup>x</sup>   Affiant further said that attached is a listing of all subcontractors, excluding full time employees, who may assist in providing professional services for the aforementioned SOQ.

Choice B        There are **NO** subcontractors which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

*[The remainder of this page is intentionally left blank.]*

## **RICHARD C. LAMBERT CONSULTANTS, LLC SUBCONSULTANTS**

### **SURVEY SERVICES**

**BFM CORPORATION, LLC**

15 VETERANS BOULEVARD

KENNER LA 70062

### **GEOTECHNICAL SERVICES**

**GULF SOUTH ENGINEERING AND TESTING, INC.**

15 VETERANS BOULEVARD

KENNER, LA 70062

### **LANDSCAPE ARCHITECTURAL SERVICES**

**REICH LANDSCAPE ARCHITECTS**

301 TJ JEMISON BLVD.

BATON ROUGE, LA 70802



That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

  
Signature of Affiant

Richard C. Lambert  
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME  
ON THE 20th DAY OF January, 2025.

  
Notary Public

BERNARD M. PRAY, JR.  
Printed Name of Notary

12732/10815  
Notary/Bar Roll Number

My commission expires @ death.



## Appendix A

### Debarment/Suspension Form

#### DEBARMENT/SUSPENSION CERTIFICATION

##### Debarment:

Federal Executive Order (E.O.) 12549 "Debarment" requires that all contractors receiving individual awards, using federal funds, and all subrecipients certify that the organization and its principals are not debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or agency from doing business with the Federal Government. By signing this document you certify that your organization and its principals are not debarred. Failure to comply or attempts to edit this language may disqualify your bid. Information on debarment is available at the following websites: [www.sam.gov](http://www.sam.gov) and <https://acquisition.gov/far/index.html> see section 52.209-6.

Your signature certifies that neither you nor your principal is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Richard C. Lambert - Manager / Member

(Name and Title of bidder's official)

Richard C. Lambert Consultants, LLC

(Name of bidder/company)

900 West Causeway Approach

(Address)

Mandeville, LA 70471

(Address)

PHONE 985-727-4440 FAX 985-727-4447

EMAIL rc@c@rciconsultants.com



Signature 01/20/2025 Date

## Appendix B

### Anti-Lobbying Form

#### CERTIFICATION OF RESTRICTIONS ON LOBBYING

I, Richard C. Lambert - Manager / Member, hereby certify on  
(name and title of bidder's official)

behalf of Richard C. Lambert Consultants, LLC that:  
(name of bidder)

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all sub awards at all tiers (including subcontracts, sub grants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance is placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Executed this 20th day of January, 2025.

By   
(signature of authorized official)

Manager / Member  
(title of authorized official)

## TEC Professional Services Questionnaire

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

Professional Engineering Services for the  
**Sala Avenue Historic Distric Drainage Feasibility Analysis and Improvements Project**

**SOQ 25-005 | Resolution No. 145576**

**B. Firm Name & Address:**



**BFM Corporation, LLC**

15 Veterans Memorial Boulevard | Kenner LA 70062

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

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

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

504-468-8800 | 504-468-8800 cell | ralph@bfmcorporation.com

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

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

<u>4</u>	Administrative	<u>          </u>	Estimators	<u>          </u>	Specification Writers
<u>          </u>	Architects (Licensed)	<u>          </u>	Geologists	<u>          </u>	Structural Engineers
<u>          </u>	Chemical Engineers	<u>1</u>	Geotechnical Engineers	<u>          </u>	Graduate Engineers
<u>          </u>	Civil Engineers	<u>          </u>	Interior Designers	<u>2</u>	Project Managers
<u>          </u>	Construction Inspectors	<u>          </u>	Landscape Architects	<u>          </u>	Clerical ( <i>see Administrative</i> )
<u>          </u>	Ecologists	<u>1</u>	Land Surveyor ( <i>Apprentice</i> )	<u>          </u>	Grant/Funding Specialist
<u>          </u>	Electrical Engineers	<u>          </u>	Mechanical Engineers	<u>          </u>	Sanitary Engineers
<u>          </u>	Engineer Intern	<u>          </u>	Environmental Engineers	<u>1</u>	<i>Researcher/Archivist</i>
<u>2</u>	Professional Land Surveyors	<u>          </u>		<u>2</u>	<i>CADD Technicians</i>
				<u>5</u>	<i>Survey Crew Chief</i>
				<u>4</u>	<i>Survey Crew Instrumentman</i>
				<u>22</u>	<b>TOTAL</b>

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

**If marked “no”, skip to Section I. If marked “yes”, complete Sections G-H.**

## TEC Professional Services Questionnaire

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

1.  
N/A

2.

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

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

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

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

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

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



## TEC Professional Services Questionnaire

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

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

**Name & Title:**

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

Executive Vice President / Registered Professional Land Surveyor

**Project Assignment:**

Registered Professional Land Surveyor

**Name of Firm with which associated:**

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

**Years' experience with this Firm:**

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

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

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

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

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

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

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

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

## TEC Professional Services Questionnaire

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

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

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

- Mounes Street Subsurface Drainage (Phase IV, Dickory Ave to Elmwood Park Blvd), Jefferson Parish, LA
- Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA
- Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA
- Orange Lane Drainage Pump Station Project (Drainage Mapping), Grand Isle, Jefferson Parish, LA
- Bissonet Plaza Drainage Improvements (Phase 1, Elmwood Pkwy & Craig Ave), Jefferson Parish, LA
- Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA
- Central Avenue Roadway Drainage & Water Main Improvements, Jefferson Parish, LA
- Taft Park Pump Station and Drain Line Path, Jefferson Parish, LA
- West Bank Expressway, Phase I Drainage Map (Peters Rd to Manhattan Blvd), Jefferson Parish, LA
- Coventry Drainage Pump Stations, River Ridge, Jefferson Parish, LA
- Paillet - Maplewood Drainage Improvements, Jefferson Parish, LA
- Jack & Bores Survey (Drainage Project), Waggaman, Jefferson Parish, LA
- Taft Park Pump Station and Drain Line Path, Jefferson Parish, LA
- Mazoue Ditch Improvements, Phase I, Jefferson Parish, LA
- Emergency Generators at 13 Pump Station Sites, Jefferson Parish, LA
- Oakwood/Terrytown Drainage Improvements, Jefferson Parish, LA
- Massachusetts Avenue Drainage Improvements, Jefferson Parish, LA
- Orleans Village Subdivision Drainage Improvements, Jefferson Parish, LA
- Morton & Ingrid Pump Station, Jefferson Parish, LA
- Hoey's Canal Drainage Improvements (Deckbar Ave to Labarre Rd), Jefferson Parish, LA
- Drainage Pump Station, Veterans North & South, Right-of-Way, 17th Street Canal, Jefferson Parish, LA
- Mounes Subsurface Drainage Phase I, Jefferson Parish, LA
- Marlin Court Drainage Project, Jefferson Parish, LA
- Woodland West Drainage Improvements - Phase 2A, Vulcan Dr & Telestar St, Jefferson Parish, LA
- Sub-Basin 3 Proposed Improvements (Meadow St & Myrtle St), Bunche Village, Jefferson Parish, LA
- Avenue D Drainage Improvements, Jefferson Parish, LA
- Oakwood Terrytown Drainage Improvements (Carol Sue Drainage Improvements), Jefferson Parish, LA

## TEC Professional Services Questionnaire

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

- West Bank Subsurface Drainage Improvement Program Ph II (Maplewood & Paillet), Jefferson Parish, LA
- Hillings Ditch/Drolla/Suave Road Drainage Improvements, Jefferson Parish, LA
- Route Topographic (including Lift Station/Force Main) Surveying Services, Jefferson Parish, LA
- Paillet Pump Station Access Road and Drainage Improvements, Jefferson Parish, LA
- Westgate Subdivision Subsurface Drainage Improvements, Jefferson Parish, LA
- Canal No. 17 Bank Stabilization Phase II, Jefferson Parish, LA
- Clearview Drainage Pump Station and St. Peter's Ditch, Jefferson Parish, LA
- Johnson Street Drainage Improvements (Phases I & II), Jefferson Parish, LA
- Hero Pump Station, Harvey, Jefferson Parish, LA
- West Bank Subsurface Drainage Improvement Project, Phase II, Bellemeade Boulevard to the Violet Canal Discharge, Jefferson Parish, LA
- Hilling Ditch Drainage Improvements, Jefferson Parish, LA
- Upper Kraak Pump Station, Jefferson Parish, LA
- Mason Ditch Drainage Improvements, Jefferson Parish, LA
- Hurricane Gustav Drainage Canal Repairs, East Bank, Jefferson Parish, LA
- Bannerwood Drainage Improvements, Jefferson Parish, LA
- Improvements to Bayou Segnette Drainage Pump Station No. 1, Jefferson Parish, LA
- Sena Drive Subsurface Drainage Improvements, Jefferson Parish, LA
- Drainage Improvements to the Canal No. 2 Culvert Crossing at California Avenue, Jefferson Parish, LA
- Kawanee Drive Drainage Improvements, Jefferson Parish, LA
- Mazoue Ditch Drainage Improvements Phase IV, Jefferson Parish, LA
- Mazoue Ditch Drainage Improvements (Rose Crest Lane to Darby Lane), Jefferson Parish, LA
- Breaux Ditch Improvements, East Ames Boulevard (Leo Kenner Parkway), Jefferson Parish, LA
- Manson Ditch (ICRR Ditch) Survey, Jefferson Parish, LA
- Drainage Improvements, Metairie Lawn to Labarre Drive, Jefferson Parish, LA
- Cleary Avenue & West Napoleon Lift Station & Force Main, Jefferson Parish, LA
- Canal #5 (West Metairie) Drainage Improvements, Williams Blvd to Waldo St, Jefferson Parish, LA
- Woodland West Subdivision Drainage Improvements, Marrero, Jefferson Parish, LA
- Earhart and Clearview Interchange Drainage Study, Jefferson Parish, LA
- Hickory Drainage Study, Jefferson Parish, LA
- Crown Point Drainage Flood Control Structures, Jefferson Parish, LA
- Gulizo Canal Drainage Improvements, Jefferson Parish, LA
- Bannerwood Drainage Improvements (Mt. Laurel Bridge & Oakwood Canal), Jefferson Parish, LA
- 18th Street Drainage Improvements (18th St; Division to West Esplanade Avenue), Jefferson Parish, LA

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Chad M. Poché, P.E.**

Executive Vice President / Registered Professional Geotechnical Engineer

**Project Assignment:**

Engineering Liaison

**Name of Firm with which associated:**

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

**Years' experience with this Firm:**

8 years (became partial owner of BFM in 2017);  
32 years total (1993)

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

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

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

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

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

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

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

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



## TEC Professional Services Questionnaire

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

**Mounes Street Subsurface Drainage (Phase IV, Dickory Avenue to Elmwood Park Boulevard), Jefferson Parish, LA.** BFM provided topographic surveying services for Phase IV of the project, part of a multiphase program to improve drainage issues on Mounes Street. Phase IV involved a topographic survey of the project, extending from Dickory to Elmwood Park. Services provided by BFM included establishment of a baseline, setting TBMs, elevation surveys, locating improvements and utilities as well as natural elements, and /W surveying. (\$23,540 (fee); 2017)

**Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA.** BFM provided Route Topographic Surveying for this Drainage Evaluation Project (PW 2018-024-DR). Scope included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent R/W of Causeway Boulevard to easterly apparent R/W of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope. (\$18,350 (fee); 2020)

**Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA.** BFM executed a Route Topographic Survey for the Allo Street project, which extended from 4th St. to 6th St. A baseline was established along the centerline of Allo Street, with TBMs at each intersection along the route. Cross sections taken on a 25 ft. grid. Existing improvements were located within the designated Limits of Survey, as were visible above-ground and underground utilities, piping, and natural features including trees and shrubbery. (\$12,855 (fee); 2019)

**Broadmoor Neighborhood Roadway & Drainage Project, City of New Orleans, LA.** BFM prepared boundary and topographic surveys for multiple streets in the Broadmoor Neighborhood area for a major drainage project. Both full and partial Route Topographic Surveys were executed; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Surveying locations included fifty intersections and a dozen lots, as well as neighborhood parks. As part of a contract amendment, BFM provided additional boundary and topographic surveying services for multiple streets in the Broadmoor/St. Andrew area. (\$1,050,471 (fee); 2017)

**Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA.** BFM Corporation provided Route Topographic Surveying services for a proposed drainage servitude project. The project built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)

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

## TEC Professional Services Questionnaire

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

**Name & Title:**

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

Vice President / Registered Professional Land Surveyor

**Project Assignment:**

Project Manager/Drafting Supervisor

**Name of Firm with which associated:**

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

**Years' experience with this Firm:**

7 years (joined BFM in 2018);  
14 years total (2011)

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

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

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

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

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

2021, Professional Land Surveyor (Louisiana No. 5929)

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

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

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

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

## TEC Professional Services Questionnaire

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

**Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey for Phase 1 of the project, located at Elmwood Parkway and Craig Avenue. This project built upon work executed by the firm for a previous extensive surveying project involving Bissonet Plaza subdivision; this allowed for BFM to build upon established surveys to save time and expenses. Surveying for each element of the project included services included confirming all controls and benchmarks, topographic features, location of improvements and utilities, location of natural elements as applicable, and notation of right-of-way points. (\$7,980 (fee); 2020)

**Broadmoor Neighborhood Roadway & Drainage Project, City of New Orleans, LA.** BFM prepared boundary and topographic surveys for multiple streets in the Broadmoor Neighborhood area for a major drainage project. Both full and partial Route Topographic Surveys were executed; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Surveying locations included fifty intersections and a dozen lots, as well as neighborhood parks. As part of a contract amendment, BFM provided additional boundary and topographic surveying services for multiple streets in the Broadmoor/St. Andrew area. (\$1,050,471 (fee); 2017)

**Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA.** BFM Corporation provided Route Topographic Surveying for this Drainage Evaluation Project (PW 2018-024-DR) in Jefferson Parish. The scope of services included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent right-of-way (ROW) of Causeway Boulevard to easterly apparent R/W of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope. (\$18,350 (fee); 2020)

**Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA.** BFM Corporation executed a Route Topographic Survey for the Allo Street project area, which extended from 4th Street to 6th Street. A baseline was established along the centerline of Allo Street, with Temporary Benchmarks at each intersection along the route. Cross sections taken on a 25 ft. grid. Existing improvements were located within the designated Limits of Survey, as were visible above-ground and underground utilities, piping, and natural features including trees and shrubbery. (\$12,855 (fee); 2019)

**Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA.** BFM Corporation provided Route Topographic Surveying services for a proposed drainage servitude project in the Town of Jean Lafitte in Jefferson Parish, LA. The project built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)

## TEC Professional Services Questionnaire

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

**Name & Title:**

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

**Project Assignment:**

Field Operations Manager/Survey Crew Chief

**Name of Firm with which associated:**

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

**Years' experience with this Firm:**

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

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

High School Diploma

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

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

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

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

**Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA.** BFM Corporation provided Route Topographic Surveying services for a proposed drainage servitude project in the Town of Jean Lafitte in Jefferson Parish, LA. The project built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)



## TEC Professional Services Questionnaire

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

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

**Broadmoor Neighborhood Roadway & Drainage Project, City of New Orleans, LA.** BFM prepared boundary and topographic surveys for multiple streets in the Broadmoor Neighborhood area for a major drainage project. Both full and partial Route Topographic Surveys were executed; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Surveying locations included fifty intersections and a dozen lots, as well as neighborhood parks. As part of a contract amendment, BFM provided additional boundary and topographic surveying services for multiple streets in the Broadmoor/St. Andrew area. (\$1,050,471 (fee); 2017)

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

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

**Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA.** BFM Corporation provided Route Topographic Surveying for this Drainage Evaluation Project (PW 2018-024-DR) in Jefferson Parish. The scope of services included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent right-of-way (ROW) of Causeway Boulevard to easterly apparent R/W of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope. (\$18,350 (fee); 2020)

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>	
<b>Name &amp; Title:</b>	
<b>John Philip Thayer</b> Procurement Director (Proposals & Project Management Support)	
<b>Project Assignment:</b>	
Project Management Support	
<b>Name of Firm with which associated:</b>	
 <b>BFM CORPORATION, LLC</b> Professional Land & Hydrographic Surveying	
<b>Years' experience with this Firm:</b>	
17 years (joined BFM in 2008); 18 years total (2007)	<i>BFM Corporation, LLC   2008 to present</i> <i>Delle Land Surveying   2007 to 2008</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
Certificate, 2015, Land Surveying Services B.S., 2007, Physical Education, Trevecca Nazarene University	
<b>Active Registration: Year first registered/discipline:</b>	
N/A	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Phil Thayer serves as BFM's Procurement Director, providing proposal preparation and Project Management Support, having considerable experience in field surveying services, including ALTA/as-built surveying, construction layout, boundary, topographic, cross-sections, GPS use, and numerous other surveying types.</p> <p><b>Central Avenue Roadway Drainage &amp; Water Main Improvements, Jefferson Parish, LA.</b> BFM Corporation provided surveying services for the project; the scope of which consisted of verifying pipe sizes and inverts for drainage structures along the west side (only) of Central Avenue, which was located during a previous BFM project. BFM located any new drainage structures within the previous survey limits and determined the depth, size, and type of pipes within each drainage structure which were shown on the previous survey. This included catch basins, drop inlets, and ditch culvert pipes. Alterations/updates were noted on an updated version of the previous survey. (\$2,850 (fee); 2022)</p> <p><b>Massachusetts Avenue Drainage Improvements, Jefferson Parish, LA.</b> BFM provided topographic surveying services for the project, which extended from W Napoleon Avenue to Veterans Memorial Boulevard. (\$28,515 (fee); 2009)</p> <p><b>Avenue D Drainage Improvements, Jefferson Parish, LA.</b> BFM provided topographic surveying for the project. (SP 576-26-0028) (\$25,195 (fee); 2009)</p>	

## TEC Professional Services Questionnaire

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

**Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA.** BFM provided Route Topographic Surveying for this Drainage Evaluation Project (PW 2018-024-DR) in Jefferson Parish. Scope included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering & construction work) from gutter line to gutter line along Metairie Road from the westerly apparent R/W of Causeway Blvd. to easterly apparent R/W of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope. (\$18,350 (fee); 2020)

**Levee Intake Pump Station Cell Inspection at the New East Bank Water Treatment Plant, Jefferson Parish, LA.** BFM Corporation was selected by Jefferson Parish to provide a cell inspection survey for the project. Diving services were subcontracted to Specialty Diving of Louisiana, with BFM personnel supervising all data collection and resultant underwater 3D scanning (Teledyne BlueView BV5000, 3D Mechanical Scanning Sonar). (\$8,175 (fee); 2023)

**Veterans Boulevard Pump Station, Metairie, Jefferson Parish, LA.** BFM executed a Survey Control Verification for the project; scope included locating and verifying the horizontal and vertical control points from a previous BFM surveying project (2013/2014); a minimum of 2 horizontal and 1 vertical control points were to be provided per site. Project deliverables included a detailed indelible print with an aerial background image clearly showing point location, Northing, Easting, elevation, and description, and a high-resolution PDF of the document. (\$2,975 (fee); 2023)

**Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA.** BFM provided Route Topographic Surveying services for a proposed drainage servitude project which built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)

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

**Lapalco Boulevard Survey Update, Jefferson Parish, LA.** BFM prepared a Site Specific Update Survey for the Lapalco Boulevard project, which built on previous BFM surveys for the location. The field survey recovered and verified the horizontal and vertical control (from previous BFM projects noted). Spot elevations were taken; existing improvements within the designated Limits of Survey were noted. The survey also located utilities, pipes (drainage, water, sewerage), and trees. For the update, BFM specifically located newly-installed steel power poles and steel transmission towers, as well as the structures fronting along Lapalco Boulevard. Project deliverables included comprehensive/updated physical and digital files combining all new & previous survey data. (\$20,480 (fee); 2021)

## 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:**

16 years (joined BFM in 2009);  
28 years total (1997)

*BFM Corporation, LLC | 2009 to present*  
*Fluor Corporation | 2007 to 2009*  
*Geographic Computer Technologies, LLC | 2000 to 2007*

**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:**

N/A

**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.

**Mounes Street Subsurface Drainage (Phase IV, Dickory Avenue to Elmwood Park Boulevard), Jefferson Parish, LA.** BFM provided topographic surveying services for Phase IV of the project, part of a multiphase program to improve drainage issues on Mounes Street. Phase IV of the project involved a topographic survey of the project, extending from Dickory Avenue to Elmwood Park Boulevard. Services provided by BFM included establishment of a baseline, setting temporary benchmarks (TBMs), elevation surveys, locating improvements and utilities as well as natural elements, and right-of-way surveying. (\$23,540 (fee); 2017)

**Broadmoor Neighborhood Roadway & Drainage Project, City of New Orleans, LA.** BFM prepared boundary and topographic surveys for multiple streets in the Broadmoor Neighborhood area for a major drainage project. Both full and partial Route Topographic Surveys were executed; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Surveying locations included fifty intersections and a dozen lots, as well as neighborhood parks. As part of a contract amendment, BFM provided additional boundary and topographic surveying services for multiple streets in the Broadmoor/St. Andrew area. (\$1,050,471 (fee); 2017)

## TEC Professional Services Questionnaire

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

**Westwego Drainage Pump Station No. 1, Jefferson Parish, LA.** BFM Corporation provided services for a Limited Topographic Survey at the project site, Westwego Drainage Pump No. 1. The scope of services first re-established Site Horizontal and Vertical control, as these were established as part of a previous BFM project (BFM No. 9730). Services next included locating existing improvements within the designated Limits of Survey, taking elevations and cross sections, and verification of piping and utilities. (\$4,725 (fee); 2018)

**Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA.** BFM Corporation executed a Route Topographic Survey for the Allo Street project area, which extended from 4th Street to 6th Street. A baseline was established along the centerline of Allo Street, with Temporary Benchmarks at each intersection along the route. Cross sections taken on a 25 ft. grid. Existing improvements were located within the designated Limits of Survey, as were visible above-ground and underground utilities, piping, and natural features including trees and shrubbery. (\$12,855 (fee); 2019)

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

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

**Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA.** BFM Corporation provided Route Topographic Surveying services for a proposed drainage servitude project in the Town of Jean Lafitte in Jefferson Parish, LA. The project built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)



## TEC Professional Services Questionnaire

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

**Name & Title:**

**Brandon Silva**  
Professional Surveyor Apprentice

**Project Assignment:**

Surveyor Apprentice

**Name of Firm with which associated:**

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

**Years' experience with this Firm:**

3 years (joined BFM in 2022);  
3 years total (2022)

*BFM Corporation, LLC | 2022 to present*

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

B.A., 2023, Geomatics, Nicholls State University  
Currently attending UNO in Civil Engineering Program

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

N/A

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

Brandon Silva is a Professional Surveyor Apprentice with BFM Corporation. He executes services as a Surveyor-in-Training, assisting in Field Crew Supervision and Project Management. Mr. Silva also specializes in Laser Scanning and Drone Surveying. Project experience includes all manner of topographic, route, lot, and construction layout surveys, as well as Point Cloud Processing and serving as Data QA/QC Manager. His software experience includes AutoCAD and ArcGIS Pro, and is versatile in Survey Data Processing Applications.

**West Esplanade Avenue U-Turn at Bonnabel Canal, Metairie, Jefferson Parish, LA.** BFM provided topographic and right-of-way (R/W) surveying services for the project located in Metairie. The scope of services included establishing a baseline, two Temporary Benchmarks (TBM), and spot elevations. BFM also located property corners to establish the rights-of-way and property ownership. The survey located existing improvements, utilities, and pipes (drainage, water, sewerage). Project deliverables included physical & digital files as well as a Three-Point Tie Worksheet. (\$11,310 (fee); 2024)

**Route Topographic & Right-of-Way Survey for Sonia Place, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey for the project which involved a total of approximately 1400 LF. The scope of work involves establishment of a baseline along each route, establishing TBMs, spot elevations, location of improvements, utilities, pipes, and natural elements. (\$15,120 (fee); 2023)

## TEC Professional Services Questionnaire

Other experience and qualifications: **Brandon Silva (continued)**

**EAT Fat City Center and Transportation Hub Project (Resubdivision), Metairie, Jefferson Parish, LA.** BFM Corporation prepared a Resubdivision Survey for the EAT Fat City Center and Transportation Hub Project in Metairie, LA. The first phase of this two-phase project included provision of a boundary survey (as per Louisiana Administrative Code) and included multiple lots on both Division Street and Hessmer Avenue in both the Simone Garden and Hemmer Farms subdivisions. Phase 2 of the project included resubdivision of said lots into three lots-of-record as per Jefferson Parish directive, and involve establishing baseline, setting Construction Benchmarks, location of improvements and utilities as well as trees, and taking spot elevations. In addition to the plan and baseline profiles (AutoCAD), BFM provided a Three-Point Tie Worksheet, as well as Construction Benchmarks and Metes-and-Bounds Legal Descriptions for each new lot of record. (\$53,950 (project fee); 2023)

**Coquille Detention Pond, St. Tammany Parish, LA.** BFM provided topographic, boundary, and HEC-RAS surveying services. Scope included establishing a baseline and TBMs. All topographic surveys include deliverables in GRID coordinates, both AutoCAD DWG files and Point Files. All outfall pipes into channels were measured at the flowlines on both the outfall and the collector. The Existing Channel element included a survey of the approx. 1,600 LF existing channel (Soap & Tallow Branch Tributary). For the Non-Channel element, the topographic survey included detention ponds, constructions sites, facilities design, and other areas of this type. The HEC-RAS Modeling element included cross-sections and located all major grade breaks, flowline, manmade features, drainage structures within channel banks, channel confluences, culverts bridges, piers, abutments, and other elements. (\$182,140 (fee); 2024)

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

**Fire Station 38, City of Kenner, LA.** BFM prepared a survey update for the project (Square 104, University City Subdivision), which built upon a previous survey executed by BFM in 2019. Scope included establishing a baseline throughout the project site, locating the surcharge area, taking spot elevations within the Limits of Survey, which extended 10 ft. around the area of the surcharge. Project deliverables included indelible prints, a high-resolution PDF, a Three-Point Tie Worksheet, and a CSV file containing the points collected during this survey. (\$4,925 (fee); 2024)

**St. Ville Elementary School (formerly Helen Cox High School) Surveying Services, Harvey, Jefferson Parish, LA.** BFM provided surveying services for the project site, including an Elevation Survey with Construction Benchmark (CBM), locating the exterior of the existing gymnasium, and preparing an Elevation Survey with spot elevation for differential settlement changes. Boundary and topographic survey was executed, establishing a new CBM and Temporary Benchmark (TBM) on site. Utilities were located. A Route Topographic & Right-of-Way Survey was executed establishing baseline, TBMs, and locating existing improvements as well as above-ground & underground utilities and drainage, sewerage, & water structure pipes. Property corners were located to establish right-of-way and servitudes/easements. (\$45,500 (cumulative fee); 2024)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Anthony Watson**

CADD Technician (AutoCADD Drafting Services)

**Project Assignment:**

CADD Technician (AutoCADD Drafting Services)

**Name of Firm with which associated:**

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

**Years' experience with this Firm:**

14 years (joined BFM in 2011);

34 years total (1991)

*BFM Corporation, LLC | 2011 to present*

*Krebs LaSalle Lemieux / GEC | 2008 to 2011*

*Doug Connally and Associates Land Surveying (Dallas, TX) | 1995-2008*

*Electrician | 1991 to 1995*

*City of Plano TX (Part-Time Drafting Services) | 1991*

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

Coursework - CAD, Avatech Solutions, Los Colinas, TX

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

N/A

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

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

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

**Oakwood Terrytown Drainage Improvements (HMGP) (Carol Sue Drainage Improvements), Jefferson Parish, LA.** BFM provided topographic surveying services for the project. (JP PW 200-062-DR) (\$23,581 (fee); 2011)

## TEC Professional Services Questionnaire

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

**Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA.** BFM Corporation provided Route Topographic Surveying for this Drainage Evaluation Project (PW 2018-024-DR) in Jefferson Parish. The scope of services included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent right-of-way (ROW) of Causeway Boulevard to easterly apparent R/W of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope. (\$18,350 (fee); 2020)

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

**Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey for Phase 1 of the project, located at Elmwood Parkway and Craig Avenue. This project built upon work executed by the firm for a previous extensive surveying project involving Bissonet Plaza subdivision; this allowed for BFM to build upon established surveys to save time and expenses. Surveying for each element of the project included services included confirming all controls and benchmarks, topographic features, location of improvements and utilities, location of natural elements as applicable, and notation of right-of-way points. (\$7,980 (fee); 2020)

**Coventry Drainage Pump Stations, River Ridge, Jefferson Parish, LA.** BFM Corporation provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). The hydrographic survey extended 500 feet into the river from the water's edge. The full scope of the project also included research of public land records; location of property corners; establishing a baseline along the rear property line and; establishing Temporary Benchmarks. Existing improvements were located, as well as visible above ground utilities and those underground utilities with visible surface evidence. The survey further determined the depth, size, and type of pipes within surface observable drainage, sewerage, and water structures as established above. Trees were also located. Spot elevations were taken at 50-foot intervals within the Limits of Survey. (\$89,780 (fee); 2020)

**Brewster Road Subsurface Drainage Improvements & Proposed Detention Pond, St. Tammany Parish, LA.** BFM provided multiple surveying services (including Boundary, Route Topographic, Right-of-Way, Drainage Study, Property Acquisition) for the project. The Limits of Survey included the area of Brewster Road between LA HWY 1077 and LA HWY 21; BFM provided Temporary Benchmarks, location of all improvements (natural and man-made) and utilities (including drainage, sewer, and water structures), limits of all properties, and coordination with State and Local agencies. BFM took cross-sections at 100 ft. intervals and property corners along the route to determine rights-of-way. (\$203,320 (fee); 2020)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Kevin A. Roberts**

CADD Technician (AutoCADD Drafting Services)

**Project Assignment:**

CADD Technician (AutoCADD Drafting Services)

**Name of Firm with which associated:**

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

**Years' experience with this Firm:**

7 years (joined BFM in 2018);  
40 years total (1985)

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

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

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

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

N/A

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

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

**Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA.** BFM Corporation provided Route Topographic Surveying for this Drainage Evaluation Project (PW 2018-024-DR) in Jefferson Parish. The scope of services included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent right-of-way (ROW) of Causeway Boulevard to easterly apparent R/W of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope. (\$18,350 (fee); 2020)



## TEC Professional Services Questionnaire

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

**Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA.** BFM Corporation executed a Route Topographic Survey for the Allo Street project area, which extended from 4th Street to 6th Street. A baseline was established along the centerline of Allo Street, with Temporary Benchmarks at each intersection along the route. Cross sections taken on a 25 ft. grid. Existing improvements were located within the designated Limits of Survey, as were visible above-ground and underground utilities, piping, and natural features including trees and shrubbery. (\$12,855 (fee); 2019)

**Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey for Phase 1 of the project, located at Elmwood Parkway and Craig Avenue. This project built upon work executed by the firm for a previous extensive surveying project involving Bissonet Plaza subdivision; this allowed for BFM to build upon established surveys to save time and expenses. Surveying for each element of the project included services included confirming all controls and benchmarks, topographic features, location of improvements and utilities, location of natural elements as applicable, and notation of right-of-way points. (\$7,980 (fee); 2020)

**West Esplanade Avenue U-Turn at Bonnabel Canal, Metairie, Jefferson Parish, LA.** BFM provided topographic and right-of-way (R/W) surveying services for the project located in Metairie. The scope of services included establishing a baseline, two Temporary Benchmarks (TBM), and spot elevations. BFM also located property corners to establish the rights-of-way and property ownership. The survey located existing improvements, utilities, and pipes (drainage, water, sewerage). Project deliverables included physical & digital files as well as a Three-Point Tie Worksheet. (\$11,310 (fee); 2024)

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

**North Arnoult Drainage Pump Station Improvements, Jefferson Parish, LA.** Project involved a boundary with topographic survey, establishing a baseline parallel to the right-of-way. Points of intersection set were referenced by 3-point ties to topographic features in the area. Two TBMs were established. Existing improvements were located, including utilities, piping, and natural elements. Building corners within the limits of survey were also located, as were property corners in order to determine the rights-of-way and property boundary limits. (\$6,870 (fee); 2019)

**Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA.** BFM Corporation provided Route Topographic Surveying services for a proposed drainage servitude project in the Town of Jean Lafitte in Jefferson Parish, LA. The project built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (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:**

35 years (joined BFM in 1990);  
40 years total (1985)

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

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

*High School Diploma*

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

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

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

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

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

**Lafitte Drainage Project, Town of Jean Lafitte, Jefferson Parish, LA.** BFM provided Route Topographic Surveying services for a proposed drainage servitude project which built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included

## TEC Professional Services Questionnaire

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

establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format. (\$11,875 (fee); 2022)

**Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA.** BFM Corporation provided Route Topographic Surveying for this Drainage Evaluation Project (PW 2018-024-DR) in Jefferson Parish. The scope of services included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent right-of-way (ROW) of Causeway Boulevard to easterly apparent R/W of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope. (\$18,350 (fee); 2020)

**Veterans Boulevard Pump Station, Metairie, Jefferson Parish, LA.** BFM executed a Survey Control Verification for the project; scope included locating and verifying the horizontal and vertical control points from a previous BFM surveying project (No. 8244; 2013/2014); a minimum of 2 horizontal and 1 vertical control points were to be provided per site. Project deliverables included a detailed indelible print with an aerial background image clearly showing point location, Northing, Easting, elevation, and description, and a high-resolution PDF of the document. (\$2,975 (fee); 2023)

**Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey for Phase 1 of the project, located at Elmwood Parkway and Craig Avenue. This project built upon work executed by the firm for a previous extensive surveying project involving Bissonet Plaza subdivision; this allowed for BFM to build upon established surveys to save time and expenses. Surveying for each element of the project included services included confirming all controls and benchmarks, topographic features, location of improvements and utilities, location of natural elements as applicable, and notation of right-of-way points. (\$7,980 (fee); 2020)

**Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA.** BFM Corporation executed a Route Topographic Survey for the Allo Street project area, which extended from 4th Street to 6th Street. A baseline was established along the centerline of Allo Street, with Temporary Benchmarks at each intersection along the route. Cross sections taken on a 25 ft. grid. Existing improvements were located within the designated Limits of Survey, as were visible above-ground and underground utilities, piping, and natural features including trees and shrubbery. (\$12,855 (fee); 2019)

**Mounes Street Subsurface Drainage (Phase IV, Dickory Avenue to Elmwood Park Boulevard), Jefferson Parish, LA.** BFM provided topographic surveying services for Phase IV of the project, part of a multiphase program to improve drainage issues on Mounes Street. Phase IV of the project involved a topographic survey of the project, extending from Dickory Avenue to Elmwood Park Boulevard. Services provided by BFM included establishment of a baseline, setting temporary benchmarks (TBMs), elevation surveys, locating improvements and utilities as well as natural elements, and right-of-way surveying. (\$23,540 (fee); 2017)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Eric Gladney II**  
Survey Crew Chief

**Project Assignment:**

Survey Crew Chief

**Name of Firm with which associated:**

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

**Years' experience with this Firm:**

11 years (joined BFM in 2014);  
24 years total (2001)

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

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

*High School Diploma*

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

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

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

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

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

## TEC Professional Services Questionnaire

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

**Coventry Drainage Pump Stations, River Ridge, Jefferson Parish, LA.** BFM Corporation provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). The hydrographic survey extended 500 feet into the river from the water's edge. The full scope of the project also included research of public land records; location of property corners; establishing a baseline along the rear property line and; establishing Temporary Benchmarks. Existing improvements were located, as well as visible above ground utilities and those underground utilities with visible surface evidence. The survey further determined the depth, size, and type of pipes within surface observable drainage, sewerage, and water structures as established above. Trees were also located. Spot elevations were taken at 50-foot intervals within the Limits of Survey. (\$89,780 (fee); 2020)

**Brewster Road Subsurface Drainage Improvements and Proposed Detention Pond, St. Tammany Parish, LA.** BFM provided multiple surveying services (including Boundary, Route Topographic, Right-of-Way, Drainage Study, Property Acquisition) for the project. The Limits of Survey included the area of Brewster Road between LA HWY 1077 and LA HWY 21; BFM provided Temporary Benchmarks, location of all improvements (natural and man-made) and utilities (including drainage, sewer, and water structures), limits of all properties, and coordination with State and Local agencies. BFM took cross-sections at 100 ft. intervals and property corners along the route to determine rights-of-way. (\$203,320 (fee); 2020)

**West Causeway Approach Bike Path Drainage Study, City of Mandeville, St. Tammany Parish, LA.** BFM executed a Route Topographic Survey for the project area. Scope included establishing a baseline parallel to the street; establishing temporary benchmarks (TBMs) along the project baseline; locating existing improvements with the designated Limits of Survey; locating existing above-ground and underground utilities. BFM also researched available location data from controlling agencies. Cross sections were taken on a 100 ft. grid within the Limits of Survey. BFM also provided surveying services to provide a Drainage Area Map for the project. The scope of services included establishing Vertical Control and the location of existing drainage structures. (\$16,720 (fee); 2018)

**River Glen Drainage Project (FEMA Letter of Map Revision Survey), St. Tammany Parish, LA.** BFM Corporation provided surveying services to provide a FEMA Letter of Map Revision Survey for the River Glen Drainage Project and involved surveying of multiple private properties within the project limits. For the initial task, BFM's surveying services verified as-built elevation data on the drainage improvements performed in the River Glen Drainage Improvements construction project plans dated 2018 June 26 and updated previous BFM Project No. 8820 to reflect the drainage improvements completed. All field survey data and deliverables adhered to published FEMA standards. The next task included surveying of cross-sections of drainage ways and crossings within the western drainage sub-basin in the vicinity of Branch Crossing Drive and Airport Road (Study Basin 56). Overall, the survey included over 200 Cross Section locations and over 3 dozen Drainage Structure locations. (\$102,895 (fee); 2021)



## TEC Professional Services Questionnaire

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

### PROJECT NO. 1

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:						
<b>Mounes Street Subsurface Drainage (Phase IV, Dickory Avenue to Elmwood Park Boulevard),</b> Jefferson Parish, Louisiana  <b>APTIM</b> 2424 Edenborn Avenue Suite 450 Metairie LA 70001  <b>Gene S. Gillen, P.E.,</b> 504-832-4881 info@aptim.com	BFM provided topographic surveying services for Phase IV of the project, part of a multiphase program to improve drainage issues on Mounes Street. Phase IV of the project involved a topographic survey of the project, extending from Dickory Avenue to Elmwood Park Boulevard. Services provided by BFM included establishment of a baseline, setting temporary benchmarks (TBMs), elevation surveys, locating improvements and utilities as well as natural elements, and right-of-way surveying.						
Completion Date (Actual or estimated:)	Estimated Cost:						
	<table> <tr> <th style="text-align: center;">Entire Project:</th><th style="text-align: center;">Work for which Firm was Responsible:</th></tr> <tr> <td style="text-align: center;">December 2017</td><td> <table> <tr> <td style="text-align: center;">N/A</td><td style="text-align: center;">\$23,540 (fee)</td></tr> </table> </td></tr> </table>	Entire Project:	Work for which Firm was Responsible:	December 2017	<table> <tr> <td style="text-align: center;">N/A</td><td style="text-align: center;">\$23,540 (fee)</td></tr> </table>	N/A	\$23,540 (fee)
Entire Project:	Work for which Firm was Responsible:						
December 2017	<table> <tr> <td style="text-align: center;">N/A</td><td style="text-align: center;">\$23,540 (fee)</td></tr> </table>	N/A	\$23,540 (fee)				
N/A	\$23,540 (fee)						

### PROJECT NO. 2

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:						
<b>Metairie Road Drainage Evaluation,</b> Metairie, Jefferson Parish, Louisiana  <b>GEC, Inc.</b> 3445 N Causeway Blvd Ste 401 Metairie LA 70002-3779  <b>Jerome Lohmann,</b> 504-207-6926 jlohmann@gecinc.com	BFM provided Route Topographic Surveying for this Drainage Evaluation Project (PW 2018-024-DR) in Jefferson Parish. The scope of services included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent right-of-way (ROW) of Causeway Boulevard to easterly apparent R/W of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope.						
Completion Date (Actual or estimated:)	Estimated Cost:						
	<table> <tr> <th style="text-align: center;">Entire Project:</th><th style="text-align: center;">Work for which Firm was Responsible:</th></tr> <tr> <td style="text-align: center;">May 2020</td><td> <table> <tr> <td style="text-align: center;">N/A</td><td style="text-align: center;">\$18,350 (fee)</td></tr> </table> </td></tr> </table>	Entire Project:	Work for which Firm was Responsible:	May 2020	<table> <tr> <td style="text-align: center;">N/A</td><td style="text-align: center;">\$18,350 (fee)</td></tr> </table>	N/A	\$18,350 (fee)
Entire Project:	Work for which Firm was Responsible:						
May 2020	<table> <tr> <td style="text-align: center;">N/A</td><td style="text-align: center;">\$18,350 (fee)</td></tr> </table>	N/A	\$18,350 (fee)				
N/A	\$18,350 (fee)						

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Avenue D Drainage Improvements (Phase VIII: Allo Street)</b> , Metairie, Jefferson Parish, Louisiana  <b>Hartman Engineering, Inc.</b> 527 W Esplanade Ave Ste 300 Kenner LA 70065  <b>Jared Monceaux, P.E.</b> , 225-313-4617 jmonceaux@harteng.com	BFM Corporation executed a Route Topographic Survey for the Allo Street project area, which extended from 4th Street to 6th Street. A baseline was established along the centerline of Allo Street, with Temporary Benchmarks at each intersection along the route. Cross sections taken on a 25 ft. grid. Existing improvements were located within the designated Limits of Survey, as were visible above-ground and underground utilities, piping, and natural features including trees and shrubbery.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2019	N/A	\$12,855 (fee)

<b>PROJECT NO. 4</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Orange Lane Drainage Pump Station Project (Drainage Mapping)</b> , Grand Isle, Jefferson Parish, Louisiana  <b>AIMS Group, Inc.</b> 4421 Zenith Street Metairie LA 70001  <b>Lowell Pitré, P.E.</b> , 504-887-7045 lip@aimsgroupinc.com	The project consists of a new storm water pumping station on the intersection of Orange Lane at Orleans Avenue in Grand Isle, Louisiana. The scope of services includes obtaining topographical survey information and the preparation of a drainage map for the project. Phase 1 of the project involved the topographic and right of way surveying services; BFM conducted a site topographic survey at the proposed lift station site and provided boundary surveying to determine rights of way. Phase 2 of the project established the Drainage Map. BFM located all drainage structures within the Limits of Survey; this included ditches, culverts, drain inlets, and catch basins. A drone survey was executed to gather a 25 ft elevation grid throughout the project area.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2020	N/A	\$32,280 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Bissonet Plaza Drainage Improvements (Phase 1, Elmwood Parkway and Craig Avenue),</b> Metairie, Jefferson Parish, Louisiana  <b>Meyer Engineers Ltd.</b> 4937 Hearst St. Ste. B Metairie LA 70001  <b>Ana Theriot, P.E.,</b> 504-885-9892	BFM prepared a Route Topographic Survey for Phase 1 of the project, located at Elmwood Parkway and Craig Avenue. This project built upon work executed by the firm for a previous extensive surveying project involving Bissonet Plaza subdivision; this allowed for BFM to build upon established surveys to save time and expenses. Surveying for each element of the project included services included confirming all controls and benchmarks, topographic features, location of improvements and utilities, location of natural elements as applicable, and notation of right-of-way points.	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
March 2020	N/A	\$7,980 (fee)

<b>PROJECT NO. 6</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Lafitte Drainage Project,</b> Town of Jean Lafitte, Jefferson Parish, Louisiana  <b>Professional Engineering &amp; Environmental Consultants, Inc.</b> 1065 Muller Pkwy Ste B Westwego LA 70094  <b>Jeffrey P. Meyers, P.E.,</b> 225-268-6925 jeff@peecinc.com	BFM provided Route Topographic Surveying services for a proposed drainage servitude project which built on a previous BFM project (No. 10309). The project also included provision of boundary surveying in order to provide a servitude plat with legal description. The topographic survey element included establishing a baseline along the route, location of existing improvements, location of drainage, sewerage, and water structures, locating trees and drip lines, and taking spot elevations. For the Servitude Survey, BFM located property corners on the affected properties, and adjacent lots, to verify the boundary. Deliverables included a detailed indelible prints and high-resolution PDFs, cross sections & Three-Point TIE worksheet, a metes-and-bounds legal description of the servitude, and AutoCAD drawing files in DWG format.	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
July 2022	N/A	\$11,875 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Central Avenue Roadway Drainage &amp; Water Main Improvements</b> , Jefferson Parish, Louisiana  <b>Jefferson Parish</b> <b>Department of Capital Projects</b> 1221 Elmwood Park Blvd Ste 906 Jefferson LA 70123  <b>Neil Schneider</b> , 504-736-6833 nschneider@jeffparish.net	BFM provided surveying services for the project; the scope of which consisted of verifying pipe sizes and inverts for drainage structures along the west side (only) of Central Avenue, which was located during a previous BFM project. BFM located any new drainage structures within the previous survey limits and determined the depth, size, and type of pipes within each drainage structure which were shown on the previous survey. This included catch basins, drop inlets, and ditch culvert pipes. Alterations/updates were noted on an updated version of the previous survey.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2023	N/A	\$2,850 (fee)

<b>PROJECT NO. 8</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Taft Park Pump Station and Drain Line Path</b> , Jefferson Parish, Louisiana  <b>Burk-Kleinpeter, Inc.</b> 4176 Canal Street New Orleans LA 70119  <b>Mr. Rhett Mouton, E.I.</b> , 504-483-6271	BFM executed Topographic Surveying services involving location & elevations of the drainage structures for monitoring of the Taft Park Pump Station. The survey encompassed the area extending from 33rd Street (Vernon Street) to West Napoleon Avenue. The scope included establishing a project baseline that could be recovered for construction; elevations & spot elevations, and; cross sections. The survey also plotted the location of improvements within the designated limits of survey.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
July 2009	N/A	\$23,531 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Broadmoor Neighborhood Roadway &amp; Drainage Project</b> , City of New Orleans, Louisiana  <b>CDMSmith, Inc.</b> 1515 Poydras Street, Suite 1000 New Orleans LA 70112  <b>Jessica Watt</b> , 504-799-1100 WattsJL@cdmsmith.com	BFM prepared boundary and topographic surveys for multiple streets in the Broadmoor Neighborhood area for a major drainage project. Both full and partial Route Topographic Surveys were executed; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. Surveying locations included fifty intersections and a dozen lots, as well as neighborhood parks. As part of a contract amendment, BFM provided additional boundary and topographic surveying services for multiple streets in the Broadmoor/St. Andrew area.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2017	N/A	\$1,052,171 (fee)

<b>PROJECT NO. 10</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Brewster Road Subsurface Drainage Improvements and Proposed Detention Pond</b> , St. Tammany Parish, Louisiana  <b>N-Y Associates, Inc.</b> 2750 Lake Villa Drive Metairie LA 70002  <b>Fred Mortali, P.E.</b> , 985-422-8331 fmortali@n-yassociates.com	BFM provided multiple surveying services (including Boundary, Route Topographic, Right-of-Way, Drainage Study, Property Acquisition) for the project. The Limits of Survey included the area of Brewster Road between LA HWY 1077 and LA HWY 21; BFM provided Temporary Benchmarks, location of all improvements (natural and man-made) and utilities (including drainage, sewer, and water structures), limits of all properties, and coordination with State and Local agencies. BFM took cross-sections at 100 ft. intervals and property corners along the route to determine rights-of-way.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2020	N/A	\$203,320 (fee)



## TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.	<div>BFM Corporation is not currently, nor has it previously been involved, in litigation with Jefferson Parish.</div>	
2.		
3.		
4.		

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

# **BFM CORPORATION, LLC**

Professional Land & Hydrographic Surveying

### **CRITERIA 1 | PROFESSIONAL TRAINING AND EXPERIENCE**

Established in 1982, **BFM Corporation, LLC, Professional Land & Hydrographic Surveying**, provides services to public & private concerns throughout Louisiana and the Gulf South. For over 40 years, BFM has provided surveying services covering all facets of engineering, construction, and forensics; topographic and hydrographic, as well as drone-based surveying, LiDar and photogrammetry, and high-definition laser scanning. BFM further offers a complete Builder's Package (featuring boundary survey and certificates for construction benchmark (CBM), form board, top-of-slab, and final FEMA elevation) as well as construction layout and stakeout services for any construction project, large or small.

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

Our capabilities include the following and more:

- Topographic Surveying
- Drone Surveying; Photogrammic & LiDAR and 3D Laser Scanning
- Bathymetric / Hydrographic Surveys
- Property, Boundary, and Right-of-Way Surveys

## TEC Professional Services Questionnaire

N. continued.

- Maps, Cross-Sections, & Data Sets; Benchmarks
- Construction-Related Surveying and Builder's Package Surveys
- American Land Title Association (ALTA) Surveys

BFM's project work routinely involves **extensive records and related research** as an element of successful completion, as well as coordination with the client, agency or department. BFM has the personnel to make sure this is done correctly and expeditiously.

Our **Survey Field Crews** are equipped with Leica Viva and Leica Captivate Data Collectors, as well as Leica GPS Smart Antennas. Each GPS unit is linked to the Leica SmartNet Network, giving each crew the ability for Real Time Kinematic Positioning (RTK), derived from the Global Navigation Satellite System (GNSS). Furthermore, each crew is outfitted with Leica TS series robotic total stations, simplifying and expediting projects. BFM can also use in-house drones and 3D scanners to further analyze sites and projects. BFM's crews are trained to use this equipment to its full potential to maximize accuracy and efficiency in the field.

BFM offers **Drone Surveying Services**, featuring a DJI Matrice 600 Pro drone outfitted with a Sony A7R3 42-megapixel camera, Pixhawk Triggering System, VMAP PPK system, and an A3 Pro Flight Controller. It can capture 50 acres of land allowing BFM to quickly & accurately capture data and facilitates quicker field work to produce highly accurate and precise surveying information. Deliverables feature Clean Point Cloud, 3D Mesh, Orthomosaic, and AutoCAD DWG Topographic.

BFM's **3D modeling capabilities** allow us to process & model for any design purpose. High-definition scanner data is processed using software from Leica and Autodesk. BFM is working on non-traditional survey deliverables, including virtual tours, live walkthroughs, detailed pipe rack modeling, and modeling for use with Autodesk Revit Architecture.

When needed, BFM provides **bathymetric surveying** to handle **any hydrographic surveying tasks**. For large rivers and bodies of water, we are equipped with Teledyne Odom Hydro Solutions' Hydro Trac Single Beam Echo Sounder. For smaller bodies of water, BFM uses an SL20 Remote Controlled Boat equipped with CEE Scope Dual Channel Echo Sounder. We use Hypack Software to process collected data. Further, BFM can execute multi-beam scans, side scans and magnetometer surveys upon request.

**Please refer to our projects included in Item L and in our personnel listings in Item K for specific type project examples and an overview of our surveying experience with this project type.**

### CRITERIA 2 | SIZE OF FIRM

As noted, BFM has the manpower and equipment to execute any surveying task within the reasonable time set forth by the contract or project engineer. BFM has no issue with meeting the project deadlines set forth by our clients, both municipal and private. It is our continual goal to keep this reputation solid. Further, we establish base costs and fees for our services, and work with our clients to meet all project budgets.

## TEC Professional Services Questionnaire

N. continued.

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

### CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION

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

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

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

**Gary J. Lambert, Jr., PLS**, Vice President is a **registered Professional Land Surveyor** and provides Project Management & Drafting Oversight and is the first point of contact for clients on technical matters. He meets with engineering, architectural, and government officials to discuss various project needs.

Our personnel included **multiple survey crews** and a **fully-staffed drafting department** to handle any project needs; they are thoroughly trained and extensively familiar with the region and needs of various types of surveying projects.

### CRITERIA 4 | PAST PERFORMANCE ON CDBG PROJECTS

BFM Corporation completes hundreds of projects throughout the year and for a multitude of private and governmental entities; however, as a sub-consultant, our clients do not divulge funding sources at the time of contract & services and, as such, we do not track this information.

### CRITERIA 5 | LOCATION OF THE PRINCIPAL OFFICE

**BFM has called Jefferson Parish home office location since the firm's inception in 1982**; our principal office is located in Jefferson Parish at 15 Veterans Memorial Boulevard in Kenner.

## TEC Professional Services Questionnaire

N. continued.

### CRITERIA 6 | LEGAL STATEMENT

BFM Corporation is **not involved in litigation with Jefferson Parish** nor with any of our clients, as is noted in Item M of this form.

### CRITERIA 7 | PRIOR SUCCESSFUL COMPLETION OF PROJECTS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 15, 2025

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


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

License/Certificate Information w/ Supervision


License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000008	Active	09/11/1984	09/30/2025	Mr. Ralph P. Fontcuberta Jr. # PLS.0004329

**BFM Corporation, LLC's UEI Number is DVBNM3B3R3W7**

**BFM Corporation, LLC's E-Verify Number is I4389I**

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
<b>Mr. Ralph P. Fontcuberta Jr.</b>	
License/Certificate Type - Number	Expiration Date
<b>PLS.0004329</b>	<b>09/30/2026</b>
Status: <b>Active</b>	

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
<b>Mr. Chad Mitchell Poche</b>	
License/Certificate Type - Number	Expiration Date
<b>PE.0027667</b>	<b>09/30/2026</b>
Status: <b>Active</b>	

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b> 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
<b>Mr. Gary James Lambert Jr.</b>	
License/Certificate Type - Number	Expiration Date
<b>PLS.0005259</b>	<b>03/31/2026</b>
Status: <b>Active</b>	





Division of Small and Emerging Business Development  
SEBD CERTIFICATION

## BFM CORPORATION, LLC

is hereby certified as a Small and Emerging Business Enterprise.

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

Issued at Baton Rouge, Louisiana 7/19/2019

This certification expires on: 7/19/2029

Certification No. 9551

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



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

## BFM CORPORATION, LLC

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

This certification is valid from 9/3/2024 to 9/3/2025 .

Certification No. 9551

Stephanie Hartman,  
Director, Entrepreneurial Services



**City of Kenner**

1926 18th Street  
Kenner, LA 70062

BFM CORPORATION  
15 VETERANS BLVD  
KENNER, LA 70062

**\*\* NOTICE \*\***

This license becomes null & void if ownership, business name or address is changed. Licensee must apply within 10 days of such change for transfer. Fee will apply. All applicable building & zoning regulations pertaining to business location must be followed.

BFM CORPORATION, LLC  
15 VETERANS MEMORIAL BLVD  
KENNER, LA 70062

**2024**

**Business License ID**  
407

**Type**  
LIMITED LIABILITY COMPANY  
SURVEYING SERVICES

**Business License**

**Number**  
1595  
**Issued**  
01/09/2024  
**Valid thru**  
12/31/2024

**\*\*\* POST THIS LICENSE IN A CONSPICUOUS PLACE \*\*\***

## TEC Professional Services Questionnaire

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

Professional Engineering Services for the  
**Sala Avenue Historic Distric Drainage Feasibility Analysis and Improvements Project**

**SOQ 25-005 | Resolution No. 145576**

**B. Firm Name & Address:**



**Gulf South Engineering and Testing, Inc.**  
 15 Veterans Memorial Boulevard | Kenner LA 70062

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

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

504-305-4401 | 504-460-5239 cell | cpoche@gulfsoutheng.com

Registered Professional Civil Engineer (Louisiana No. 27667; since 1998)

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

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

504-305-4401 | 504-460-5239 cell | cpoche@gulfsoutheng.com

Registered Professional Civil Engineer (Louisiana No. 27667; since 1998)

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

<u>7</u>	Administrative	<u>          </u>	Estimators	<u>          </u>	Specification Writers
<u>          </u>	Architects (Licensed)	<u>          </u>	Geologists	<u>          </u>	Structural Engineers
<u>          </u>	Chemical Engineers	<u>2</u>	Geotechnical Engineers	<u>          </u>	Graduate Engineers
<u>          </u>	Civil Engineers	<u>          </u>	Interior Designers	<u>1</u>	Project Managers
<u>10</u>	Construction Inspectors	<u>          </u>	Landscape Architects	<u>          </u>	Clerical ( <i>see Administrative</i> )
<u>          </u>	Ecologists	<u>          </u>	Land Surveyor ( <i>Apprentice</i> )	<u>          </u>	Grant/Funding Specialist
<u>          </u>	Electrical Engineers	<u>          </u>	Mechanical Engineers	<u>          </u>	Sanitary Engineers
<u>          </u>	Engineer Intern	<u>          </u>	Environmental Engineers	<u>1</u>	<i>CMT Supervisor</i>
<u>1</u>	Professional Land Surveyors	<u>          </u>		<u>1</u>	<i>Construction Svcs Manager</i>
				<u>4</u>	<i>Laboratory Personnel</i>
				<u>3</u>	<i>Soil Boring Personnel</i>
				<u>30</u>	<b>TOTAL</b>

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

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

## TEC Professional Services Questionnaire

<b>G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.</b>		
1. N/A		
2.		
<b>H. Has this JOINT-VENTURE previously worked together? Please check:</b> YES_____ NO_____ N/A		
<b>I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.</b>		
Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A		
2.		
3.		
<b>J. Please specify the total number of support personnel that may assist in the completion of the Project:</b> 30 (all personnel will be available for assignment to the project)		

## TEC Professional Services Questionnaire

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

### PROFESSIONAL IN CHARGE OF PROJECT:

**Name & Title:**

**Chad M. Poché, P.E.**

Executive Vice President / Registered Professional Geotechnical Engineer

**Project Assignment:**

Geotechnical Engineer / Principal In Charge

**Name of Firm with which associated:**



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

**Years' experience with this Firm:**

14 years (founded Gulf South in 2011);  
32 years total (1993)

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

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

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

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

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

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

Chad M. Poché, P.E., is Executive Vice President, co-founder, and a Principal in Gulf South. He has been a consulting geotechnical engineer for nearly 30 years in South Louisiana, working on traditional and unique geotechnical engineering projects (shallow and deep foundation design, slope stability, pavement design, etc.). Mr. Poché has also provided construction oversight for virtually every type of earthwork related project. He has been the geotechnical engineer of record for thousands of projects throughout his career.

Mr. Poché's experience includes the development of appropriate scopes of work and proposals for a broad range of projects; planning and coordinating analyses; preparing technical reports; foundation and geotechnical engineering design; construction recommendations; Miss. River facility permitting; managing personnel and office operations and serving as an Expert Witness.



## TEC Professional Services Questionnaire

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

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

**Bonnabel Boulevard Drainage Improvements (Phase 1; Veterans Canal to Metairie Road) Geotechnical Exploration Report, Metairie, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the project which included the installation of a below grade box culvert. The study included drilling three soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on field and lab test data to develop recommendations for the project. (\$6,500 (fee); 2024)

**Metairie Lawn and Ridgelake Drive Roadway & Utility Project, Metairie, Jefferson Parish, LA.** Geotechnical engineering services for construction of a new roadway paving and below grade drainage pipeline in Metairie, LA. Gulf South's scope includes drilling five (5) auger borings to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$8,500 (fee); 2021)


**Drainage Infrastructure Improvements, South Avondale Subdivision, Avondale, Jefferson Parish, LA.** Geotechnical investigation for drainage improvements on S. Jamie Boulevard in Avondale, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 20 feet, lab testing, and engineering analyses including allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, and general construction procedures and recommendations. (\$7,000 (fee); 2018)

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

**David Dr. Drainage Improvements (W. Esplanade Avenue to Bruin Drive), Jefferson Parish, LA.** Geotechnical investigation for the reconstruction of David Drive and the construction of drainage improvements (approx. 3000 ft.) along David Drive from W. Esplanade Avenue to Bruin Drive in Metairie. Gulf South's scope includes drilling four soil borings each to a depth of 20 feet, lab testing, and geotechnical engineering analysis including allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, pavement design recommendations, and general construction recommendations. (\$7,500 (fee); 2015)

**Airline Park Blvd. Rehabilitation and Drainage Upgrade (W. Napoleon to Camphor), Jefferson Parish, LA.** Geotechnical investigation for pavement rehabilitation, new drain lines, and a new pump station from W. Napoleon to Camphor. Scope of work included drilling four soil borings (depths of 15 & 50 ft), laboratory testing (strength and classification), and geotechnical engineering analysis consisting of allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement recommendations, bedding and backfill recommendations, and general construction recommendations. (\$8,500 (fee); 2015)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Bryson S. Beard, EIT, ACI</b> Associate Geotechnical Engineer/Field Engineer	
<b>Project Assignment:</b>	
Associate Geotechnical Engineer/Field Engineer	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
3 years (joined Gulf South in 2022); 4 years total (2021)	<i>Gulf South Engineering and Testing, Inc.   2022 to present</i> <i>TetraTech, Inc.   2021 to 2022</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
B.S., Geological Engineering (2021; University of Mississippi)	
<b>Active Registration: Year first registered/discipline:</b>	
Louisiana P.E. License Passed October 2023 Georgia, Engineering Intern (No. EIT029180, 2022)	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Bryson S. Beard, EIT, is an Associate Geotechnical Engineer/Field Engineer who serves as a Project Manager. He has performed geotechnical engineering analyses consisting of shallow and deep foundations, slope stability, TRS and sheetpile wall design, settlement, pavement design, etc., and has prepared engineering reports. Mr. Beard's experience in the field includes surface and subsurface soil sampling, water sampling, and soil classification. His work experience further includes core logging and oversight of groundwater monitoring well installations, piezometers, and inclinometers. He has been responsible for the preparation of reports and Facility Response Plans. He is experienced with laboratory sample preparation and testing as well as air sampling and soil gas sampling.</p> <p><b>Mr. Bryson recently passed his Louisiana Professional Engineering test and will be a noted P.E. for the State of Louisiana once he fulfills the apprenticeship requirements set forth by LAPELS.</b></p> <p><b>Bonnabel Boulevard Drainage Improvements (Phase 1; Veterans Canal to Metairie Road) Geotechnical Exploration Report, Metairie, Jefferson Parish, LA.</b> Gulf South prepared a Geotechnical Exploration Report for the project which included the installation of a below grade box culvert. The study included drilling three soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on field and lab test data to develop recommendations for the project. (\$6,500 (fee); 2024)</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **Bryson S. Beard, EIT, ACI (continued)**

**Brewster Road/LA 1077 Drainage Improvements, Madisonville, St. Tammany Parish, LA.** Geotechnical engineering services for drainage improvements at the existing parish canal off LA-1077 and Galatas Road in Madisonville, St. Tammany Parish, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 20 feet (2 locations) and 30 feet (3 locations) below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$20,000 (fee); 2022)


**Kinler & Paul Fredrick Roadway & Drainage Improvements, Luling, St. Charles Parish, LA.** Geotechnical investigation for paved and/or reconstruction of Kinler and Paul Frederick Streets in Luling in St. Charles Parish, LA. Scope included drilling a total of 10 undisturbed soil borings for the project (five borings within each roadway to a depth of 10 feet below the pavement surface). Geotechnical laboratory testing was performed on selected samples collected during the exploration in accordance with appropriate ASTM standards; this included strength tests (unconfined and/or triaxial) and classification tests (Atterberg Limits and/ or particle size). Following the collection of the field and laboratory data, a geotechnical engineer performed the evaluations necessary to characterize the subsoil conditions of the site and develop the engineering recommendations and analyses. This included current pavement materials and thicknesses, flexible pavement design recommendations, and general construction procedures and recommendations. (\$7,500 (fee); 2022)

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

**Woodlake Drainage Pump Station - Geotechnical Exploration Report, Kenner, Jefferson Parish, LA.** Prepared a Geotechnical Exploration Report for the project which consisted of a new drainage pump station located in Kenner, LA. Access to the canal was via Lake Pontchartrain. During the Field investigation, Gulf South drilled multiple undisturbed soil borings with one performed in the canal and the remaining on land. Geotechnical laboratory testing (ASTM standards) was performed. Following the collection of the field and laboratory data, evaluations necessary to characterize the subsoil conditions of the site were performed; findings, conclusions, and recommendations were presented in the final report. (\$48,000 (fee); 2024)

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

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Joseph H. “Trey” Binder, III, ACI</b> Laboratory Manager	
<b>Project Assignment:</b>	
Laboratory Manager; Laboratory Technician	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years’ experience with this Firm:</b>	
14 years (joined Gulf South in 2011); 14 years total (2011)	<i>Gulf South Engineering and Testing, Inc.   2011 to present</i> <i>Ardaman and Associates, Inc.   2007 to 2011</i> <i>Soil Testing Engineers, Inc.   2006 to 2007</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
A.D., General Studies (2006; Nunez Community College)	
<b>Active Registration: Year first registered/discipline:</b>	
HAZMAT Awareness HAZMAT Operations Training ACI Aggregate Base Testing Technician ACI Concrete Strength Testing Technician	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Trey Binder has direct experience with field and laboratory testing services. Mr. Binder’s field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, vibration monitoring, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring. In the laboratory, Mr. Binder has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, Atterberg limits, organic content tests, moisture and density tests, Proctor compaction tests, sieve analyses, and sample extrusion.</p> <p><b>Bonnabel Boulevard Drainage Improvements (Phase 1; Veterans Canal to Metairie Road) Geotechnical Exploration Report, Metairie, Jefferson Parish, LA.</b> Gulf South prepared a Geotechnical Exploration Report for the project which included the installation of a below grade box culvert. Study included drilling three soil test borings and the performance of soil mechanics lab tests to evaluate the soil’s physical characteristics. Engineering analyses were made and based on field and lab test data to develop recommendations for the project. (\$6,500 (fee); 2024)</p> <p><b>Drainage Infrastructure Improvements, South Avondale Subdivision, Avondale, Jefferson Parish, LA.</b> Geotechnical investigation for drainage improvements on S. Jamie Boulevard in Avondale, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 20 feet,</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **Joseph H. "Trey" Binder, III, ACI (continued)**

lab testing, and engineering analyses including allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, and general construction procedures and recommendations. (\$7,000 (fee); 2018)

**Metairie Lawn and Ridgelake Drive Roadway & Utility Project, Metairie, Jefferson Parish, LA.** Geotechnical engineering services for construction of a new roadway paving and below grade drainage pipeline in Metairie, LA. Gulf South's scope includes drilling five (5) auger borings to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$8,500 (fee); 2021)

**David Dr. Drainage Improvements (W. Esplanade Avenue to Bruin Drive), Jefferson Parish, LA.** Geotechnical investigation for the reconstruction of David Drive and the construction of drainage improvements (approx. 3000 ft.) along David Drive from W. Esplanade Avenue to Bruin Drive in Metairie. Gulf South's scope includes drilling four soil borings each to a depth of 20 feet, lab testing, and geotechnical engineering analysis including allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, pavement design recommendations, and general construction recommendations. (\$7,500 (fee); 2015)

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

**Trudeau Drive Drainage Improvements at West Metairie Canal, Metairie, Jefferson Parish, LA.** Geotechnical investigation for new drainage improvements along Trudeau Drive at W. Metairie Blvd. in Metairie, LA. The improvements will consist of replacing existing box culverts within W. Metairie Canal with double barrel 7 ft. x 11 ft. culverts, approximately 300 linear feet. Gulf South's scope includes drilling two soil borings each to a depth of 50 feet, lab testing, and geotechnical engineering analysis consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, slope stability analysis, rigid and/or flexible pavement design recommendations, and general construction recommendations. (\$8,000 (fee); 2015)

**Airline Park Blvd. Rehabilitation and Drainage Upgrade (W. Napoleon to Camphor), Jefferson Parish, LA.** Geotechnical investigation for pavement rehabilitation, new drain lines, and a new pump station from W. Napoleon to Camphor. Scope of work included drilling four soil borings (depths of 15 & 50 ft), laboratory testing (strength and classification), and geotechnical engineering analysis consisting of allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement recommendations, bedding and backfill recommendations, and general construction recommendations. (\$8,500 (fee); 2015)

**Drainage Improvement to North Sibley Drive at West Napoleon Avenue, Metairie, Jefferson Parish, LA.** Gulf South executed a geotechnical investigation for new below grade wet well, approx. 15 - 20 feet deep. Drilled one boring to 80 feet at site and provide laboratory testing and geotechnical engineering analyses (soil bearing values, bedding, and backfill, pile capacities, settlement, construction recommendations, etc.). (\$4,500 (fee); 2012)



## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Eric A. Paille, C.E.T., ACI</b> Construction Services Manager	
<b>Project Assignment:</b>	
Construction Services Manager	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
14 years (joined Gulf South in 2011); 37 years total (1988)	<i>Gulf South Engineering and Testing, Inc.   2011 to present</i> <i>Ardaman and Associates, Inc.   2007 to 2011</i> <i>Soil Testing Engineers, Inc.   1988 to 2007</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
High School Diploma	
<b>Active Registration: Year first registered/discipline:</b>	
<i>ACI-I Field Technician (since 1991; No. 929012)</i> <i>Certified Engineering Technician (since 1992)</i> <i>Nuclear Gauge Safety Training (since 1994; No. 061321)</i> <i>Pile Driving Analyzer/CAPWAP, OSHA 40 HAZWOPER</i>	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Eric A. Paille, C.E.T., ACI, serves as Gulf South's Construction Services Manager as well as the manager of Gulf South's Gonzales, LA office. He has experience as a technician, inspector, and testing manager, and is knowledgeable in all aspects of construction materials testing and construction inspection. Mr. Paille has performed all applicable field and soil tests over the past 30+ years. In addition, he is certified in the safe use and handling of the nuclear density gauge. He received PDA training in 2003 and has knowledge of PDA testing along with significant experience with pile driving analyzers. <b>Mr. Paille is one of the most knowledgeable people in our industry.</b></p> <p><b>FEMA Submerged Roads Program (CMT): Phase 3, Metairie, Jefferson Parish, LA.</b> Perform asphalt and roadway testing and inspection as requested. Scope of services provided by Gulf South included asphalt and/or concrete testing and inspection, field density tests, on-site inspection and documentation, and laboratory testing. Gulf South also provided asphalt batch plant inspection. (\$10,000 (fee); 2016)</p> <p><b>Metairie Lawn Drainage Improvements, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; earthwork inspection and testing, and; soil density tests. (\$5,000 (fee))</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **Eric A. Paille, C.E.T., ACI (continued)**

**Airline Park Blvd. Rehabilitation and Drainage Upgrade (W. Napoleon to Camphor), Jefferson Parish, LA.** Geotechnical investigation for pavement rehabilitation, new drain lines, and a new pump station from W. Napoleon to Camphor. Scope of work included drilling four soil borings (depths of 15 & 50 ft), laboratory testing (strength and classification), and geotechnical engineering analysis consisting of allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement recommendations, bedding and backfill recommendations, and general construction recommendations. (\$8,500 (fee); 2015)

**Idaho Drainage Improvements, City of Kenner, LA.** Gulf South performed field and laboratory testing during construction of the project. Scope of work included soil density tests, concrete inspection and testing, pile driving, pile load tests monitoring, vibration monitoring, and earthwork testing. (\$7,500 (fee); 2017)

**Submerged Roads Program: District 5, Project 1, Jefferson Parish, LA.** Gulf South performed asphalt testing and inspection as instructed by the client. (\$12,000 (fee); 2013)

**Academy Drive Development – New Roadway & Infrastructure Improvements, City of New Orleans, LA.** Geotechnical investigation for new subdivision infrastructure improvements which consist of new roadways and subsurface sewer and drainage. Gulf South drilled 3 borings to 10 feet in depth and perform laboratory testing and geotechnical engineering analyses consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, rigid paving design recommendations, and general construction recommendations. (\$3,500 (fee); 2013)


**Northbound Manhattan Boulevard Widening, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)

**Drainage Improvement to North Sibley Drive at West Napoleon Avenue, Metairie, Jefferson Parish, LA.** Gulf South executed a geotechnical investigation for new below grade wet well, approx. 15 - 20 feet deep. Drilled one boring to 80 feet at site and provide laboratory testing and geotechnical engineering analyses (soil bearing values, bedding, and backfill, pile capacities, settlement, construction recommendations, etc.). (\$4,500 (fee); 2012)

**FEMA Submerged Roads Program (CMT): Phase 4, Metairie, Jefferson Parish, LA.** Project consisted of the construction of new paving and roadways for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection during construction (CMT). Our scope of services included performing concrete and asphalt testing and inspection, and earthwork testing and inspection including soil sampling and field density tests. (\$7,500 (fee); 2015)

**New Channel and Roads for Fish Bayou Control Structure (Alligator Bayou Road), Ascension Parish, LA.** Geotechnical engineering services for the construction of a flood control structure and paved roadway improvements along Alligator Bayou Road within Ascension Parish, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 6 & 30 feet below the ground surface, laboratory testing, engineering analyses (pavement recommendations and slope stability analyses) and general construction procedures and recommendations. (\$7,900 (fee); 2021)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Brandon A. Paille, ACI</b> Construction Materials Testing (CMT) Supervisor/Project Manager	
<b>Project Assignment:</b>	
Construction Materials Testing (CMT) Supervisor/Project Manager	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
13 years (joined Gulf South in 2012); 15 years total (2010)	<i>Gulf South Engineering and Testing, Inc.   2023 to present</i> <i>Ascension Parish Sheriff's Office   2016 to 2023</i> <i>Gulf South Engineering and Testing, Inc.   2012 to 2016</i> <i>Ardaman and Associates, Inc.   2010 to 2012</i>
<b>Education: Degree(s)/Year/Specialization:</b>	
High School Diploma	
<b>Active Registration: Year first registered/discipline:</b>	
APNGA Nuclear Gauge Safety ACI Field Technician Level 1 OSHA Safety Training – 8 hr.	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Brandon A. Paille, ACI has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, hydrometers, Atterberg limits, organic contents, moisture contents, proctor compaction tests, sieve analyses, as well as extrusion of samples. Mr. Paille's field experience includes soil inspection and testing consisting of nuclear density testing, soil boring logging, concrete testing and inspections, timber and precast pile logging and vibration monitoring. In Mr. Paille's years in the construction materials testing industry, he has obtained a vast amount of knowledge and experience which makes him an integral part of our Gulf South Team.</p> <p><b>Bissonet Drainage Outfall Improvements, Metairie, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes backfill compaction testing; concrete testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$20,000 (fee); 2024)</p> <p><b>New Pump/Lift Station, Airline Park Boulevard at West Metairie Avenue, Jefferson Parish, LA.</b> Geotechnical investigation for a new pump/lift station for Jefferson Parish near the intersection of Airline Park Blvd. and W. Metairie Avenue. Scope of work consisted of performing one soil boring to 50 feet, laboratory testing, and geotechnical engineering analyses consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, and general construction recommendations. (\$5,000 (fee); 2013)</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **Brandon A. Paille, ACI (continued)**

**Papworth Avenue and Rose Street Wet Well, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing. (\$2,000 (fee); 2023)

**Metairie Lawn Drainage Improvements, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; earthwork inspection and testing, and; soil density tests. (\$5,000 (fee))

**Northbound Manhattan Boulevard Widening, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)

**Upper Barataria Risk Reduction Segment 2 - Sunset Levee & Des Allemands Boat Launch, Lafourche Basin Levee District, St. Charles Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes backfill compaction testing, concrete testing, soil density tests, earthwork inspection and testing, and vibration monitoring. Part of CPRA Project BA-0220. (\$200,000 (fee); ongoing)

**Materials Testing Services for the Milan Group A (RR129) Project, City of New Orleans, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection, backfill compaction testing, concrete testing, soil density tests, and earthwork inspection and testing. (\$77,000 (fee); ongoing)

**As-Needed Materials Testing Services at the Louisiana International Terminal, Violet, St. Bernard Parish, LA.** Gulf South provided as-needed construction materials testing and inspection during construction of the Port of New Orleans' new \$1.8 billion container terminal project. Project elements have included vibration and noise monitoring, notably in the vicinity of the W. Smith Junior Elementary School. (\$45,000 (fee); 2024)

**East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. (\$16,000 (fee); 2024)

**St. James Road Program 2023 (Nicole Street), Paulina, St. James Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes soil density tests and asphalt inspection. (\$7,220 (fee); 2023)

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

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Tyler W. Pregeant, ACI</b> Graduate Geotechnical Engineer	
<b>Project Assignment:</b>	
Engineering Technician; CMT/Laboratory Technician	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>              Geotechnical &amp; Materials Consultants           </div> </div>	
<b>Years' experience with this Firm:</b>	
6 years (joined Gulf South in 2019); <span style="float: right;">Gulf South Engineering and Testing, Inc.   2019 to present</span> 8 years total (2017)	
<b>Education: Degree(s)/Year/Specialization:</b>	
High School Diploma Currently attending UNO in Civil Engineering Program	
<b>Active Registration: Year first registered/discipline:</b>	
ACI Concrete Field Testing Technician - Grade I (02206931)	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Tyler Pregeant, ACI, serves as an engineering technician with the soil boring drill crew, within the soils' laboratory, and on construction projects as needed. His duties and responsibilities have included leading a drill crew, staking boring sites, supervising clearing contractors, data entry, testing soil for engineering properties of strength and classification, soil boring logging, vibration monitoring, and concrete testing and inspection. Laboratory tests performed include unconfined shear tests, moisture content tests, density tests, Atterberg limits tests, grain size sieve analyses, organic content tests and concrete strength breaks.</p> <p><b>Woodlake Drainage Pump Station - Geotechnical Exploration Report, Kenner, Jefferson Parish, LA.</b> Prepared a Geotechnical Exploration Report for the project which consisted of a new drainage pump station located in Kenner, LA. Access to the canal was via Lake Pontchartrain. During the Field investigation, Gulf South drilled multiple undisturbed soil borings with one performed in the canal and the remaining on land. Geotechnical laboratory testing (ASTM standards) was performed. Following the collection of the field and laboratory data, evaluations necessary to characterize the subsoil conditions of the site were performed; findings, conclusions, and recommendations were presented in the final report. (\$48,000 (fee); 2024)</p> <p><b>Metairie Lawn Drainage Improvements, Jefferson Parish, LA.</b> Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; earthwork inspection and testing, and; soil density tests. (\$5,000 (fee); ongoing)</p>	



## TEC Professional Services Questionnaire

Other experience and qualifications: **Tyler W. Pregeant, ACI (continued)**

**Bonnabel Boulevard Drainage Improvements (Phase 1; Veterans Canal to Metairie Road) Geotechnical Exploration Report, Metairie, Jefferson Parish, LA.** Gulf South prepared a Geotechnical Exploration Report for the project which included the installation of a below grade box culvert. The study included drilling three soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on field and lab test data to develop recommendations for the project. (\$6,500 (fee); 2024)

**Kinler & Paul Fredrick Roadway & Drainage Improvements, Luling, St. Charles Parish, LA.** Geotechnical investigation for paved and/or reconstruction of Kinler and Paul Frederick Streets in Luling in St. Charles Parish, LA. Scope included drilling a total of 10 undisturbed soil borings for the project (five borings within each roadway to a depth of 10 feet below the pavement surface). Geotechnical laboratory testing was performed on selected samples collected during the exploration in accordance with appropriate ASTM standards; this included strength tests (unconfined and/or triaxial) and classification tests (Atterberg Limits and/ or particle size). Following the collection of the field and laboratory data, a geotechnical engineer performed the evaluations necessary to characterize the subsoil conditions of the site and develop the engineering recommendations and analyses. This included current pavement materials and thicknesses, flexible pavement design recommendations, and general construction procedures and recommendations. (\$7,500 (fee); 2022)

**Bissonet Drainage Outfall Improvements, Metairie, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes backfill compaction testing; concrete testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$20,000 (fee); 2024)


**Northbound Manhattan Boulevard Widening, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)

**West End Group B (RR194), New Orleans, LA.** Gulf South is provided construction materials testing and inspection during construction of the Mid City Group B Project. Gulf South's scope of work includes soil density tests, concrete inspection and testing, vibration monitoring, and earthwork testing. (\$21,691 (fee); 2023)

**Central City Group A (RR021), City of New Orleans, LA.** Gulf South is providing construction materials testing and inspection during construction of the Central City Group A Project. Gulf South's scope of work includes soil density tests, concrete inspection and testing, vibration monitoring, and earthwork testing. (\$49,062 (fee); 2023)

**MLK Boulevard, Claiborne to St. Charles Avenue (DPW573), City of New Orleans, LA.** Gulf South is providing construction materials testing and inspection during construction of the project. Gulf South's scope of work includes soil density tests, concrete inspection and testing, vibration monitoring, and earthwork testing. (\$52,000 (fee); 2023)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Ian Kerner Poché, ACI</b> Assistant Laboratory Supervisor	
<b>Project Assignment:</b>	
Assistant Laboratory Supervisor	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>            Geotechnical &amp; Materials Consultants         </div> </div>	
<b>Years' experience with this Firm:</b>	
<div style="display: flex; justify-content: space-between;"> <span>8 years (joined Gulf South in 2017); 8 years total (2017)</span> <span><i>Gulf South Engineering and Testing, Inc.   2017 to present</i></span> </div>	
<b>Education: Degree(s)/Year/Specialization:</b>	
<i>High School Diploma</i>	
<b>Active Registration: Year first registered/discipline:</b>	
<i>ACI Concrete Field Testing Technician - Grade 1 (exp 2028 03)</i> <i>ACI Aggregate Testing Technician - Level 1 (exp 2029 02 27)</i>	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Ian Poché has worked in Gulf South's laboratory for several years and has experience with virtually every type of soil test. He has also helped when needed in the CMT department and has concrete testing experience, and is an ACI-certified Concrete Field Testing Technician.</p> <p><b>Lake Cataouatche Drainage Pump Station Replacement (Chighizola Lane), Grand Isle, Jefferson Parish, LA.</b> Geotechnical engineering services for the construction of a replacement Lake Cataouatche drainage pump station at the end of Chighizola Lane in Grand Isle. Gulf South's scope includes drilling one undisturbed soil borings to a depth of 80 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. Pump station is close to a USACE floodwall so coordination and geotechnical engineering analyses were required to show the new pump station would not adversely affect the integrity of the floodwall. (\$7,500 (fee); 2020)</p> <p><b>Bonnabel Boulevard Drainage Improvements (Phase 1; Veterans Canal to Metairie Road) Geotechnical Exploration Report, Metairie, Jefferson Parish, LA.</b> Gulf South prepared a Geotechnical Exploration Report for the project which included the installation of a below grade box culvert. The study included drilling three soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on field and lab test data to develop recommendations for the project. (\$6,500 (fee); 2024)</p>	

## TEC Professional Services Questionnaire

Other experience and qualifications: **Ian Kerner Poché, ACI (continued)**

**Woodlake Drainage Pump Station - Geotechnical Exploration Report, Kenner, Jefferson Parish, LA.** Prepared a Geotechnical Exploration Report for the project which consisted of a new drainage pump station located in Kenner, LA. Access to the canal was via Lake Pontchartrain. During the Field investigation, Gulf South drilled multiple undisturbed soil borings with one performed in the canal and the remaining on land. Geotechnical laboratory testing (ASTM standards) was performed. Following the collection of the field and laboratory data, evaluations necessary to characterize the subsoil conditions of the site were performed; findings, conclusions, and recommendations were presented in the final report. (\$48,000 (fee); 2024)

**Kinler & Paul Fredrick Roadway & Drainage Improvements, Luling, St. Charles Parish, LA.** Geotechnical investigation for paved and/or reconstruction of Kinler and Paul Frederick Streets in Luling in St. Charles Parish, LA. Scope included drilling a total of 10 undisturbed soil borings for the project (five borings within each roadway to a depth of 10 feet below the pavement surface). Geotechnical laboratory testing was performed on selected samples collected during the exploration in accordance with appropriate ASTM standards; this included strength tests (unconfined and/or triaxial) and classification tests (Atterberg Limits and/ or particle size). Following the collection of the field and laboratory data, a geotechnical engineer performed the evaluations necessary to characterize the subsoil conditions of the site and develop the engineering recommendations and analyses. This included current pavement materials and thicknesses, flexible pavement design recommendations, and general construction procedures and recommendations. (\$7,500 (fee); 2022)

**Northbound Manhattan Boulevard Widening, Jefferson Parish, LA.** Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes asphalt inspection; concrete testing; backfill compaction testing; soil density tests; earthwork inspection and testing, and; vibration monitoring. (\$11,000 (fee); 2023)

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

**Bayou Des Allemands Gate, Upper Barataria Risk Reduction Program Segment 3, St. Charles Parish, LA.** Geotechnical investigation for construction of a new swinging barge gate structure within the UBRR flood protection/risk reduction system in St. Charles Parish, LA. Gulf South's scope includes drilling undisturbed soil borings (1 at 200 ft., 2 at 120 ft., 1 at 100 ft.), lab testing (including consolidation tests), and engineering analyses including site/soil characterization, global/local SSA for floodwalls, levee tie-ins, and floodgates, seepage analyses for sheetpile walls, settlement/downdrag analyses, unbalanced forces for structures, pile load capacities, pile foundation load-deflection relationship, estimates of settlement, ground improvement recommendations, and general construction procedures and recommendations. One boring was performed over water; the remaining borings were performed over land. (\$145,885 (fee); 2021)

## TEC Professional Services Questionnaire

<b>L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this project. Please include and all work performed for Jefferson Parish. Please attach additional pages if necessary.</b>		
<b>PROJECT NO. 1</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Bonnabel Boulevard Drainage Improvements (Phase 1; Veterans Canal to Metairie Road)</b> <b>Geotechnical Exploration Report,</b> Metairie, Jefferson Parish, Louisiana  <b>ECM Consultants, Inc.</b> 4409 Utica Street Suite 200 Metairie LA 70006  <b>Sunina Shrestha, P.E.,</b> 504-885-4080 sshrestha@ecmconsultants.com	Gulf South prepared a Geotechnical Exploration Report for the three-phase project which consisted of drainage improvements along Veterans Boulevard and Bonnabel Boulevard in Metairie, LA. This included the installation of a below grade 8 ft. deep by 10 ft. wide box culvert. We understand the scope of Phase 1 is approximately 1,200 lf of improvements from Veterans Canal to the first U-Turn at Bonnabel Boulevard. The study included drilling three soil test borings (depths of 20 and 25 ft) utilizing truck-mounted drilling rigs and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project.	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
August 2024	<b>Entire Project:</b>  N/A	<b>Work for which Firm was Responsible:</b>  \$6,500 (fee)

<b>PROJECT NO. 2</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Metairie Lawn and Ridgelake Drive Roadway &amp; Utility Project,</b> Metairie, Jefferson Parish, Louisiana  <b>Ardurra Group, Inc.</b> 3012 26th Street Metairie LA 70002  <b>Joe Becker, P.E.,</b> 504-454-3866 jbecker@ardurra.com	Geotechnical engineering services for construction of a new roadway paving and below grade drainage pipeline in Metairie, LA. Gulf South's scope includes drilling five (5) auger borings to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations.	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
January 2021	<b>Entire Project:</b>  N/A	<b>Work for which Firm was Responsible:</b>  \$8,500 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Drainage Infrastructure Improvements, South Avondale Subdivision</b> , Avondale, Jefferson Parish, Louisiana  <b>Phoenix Global Construction</b> 2901 Independence St Ste 103 Metairie LA 70006  <b>Jack Lo</b> , 504-883-9021 phoenixglobal@bellsouth.net	Geotechnical investigation for drainage improvements on S. Jamie Boulevard in Avondale, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 20 feet, lab testing, and engineering analyses including allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, and general construction procedures and recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2018	N/A	\$7,000 (fee)

<b>PROJECT NO. 4</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Drainage Improvements, Citrus Road &amp; Greg Court</b> , Metairie, Jefferson Parish, Louisiana  <b>Buchart Horn</b> 18163 E Petroleum Drive, Suite A Baton Rouge LA 70809  <b>Alan Krouse, P.E.</b> , 225-308-2009 akrouse@bucharthorn.com	Geotechnical investigation for drainage improvements (2000 lf) along Citrus Road & Greg Court (to Jefferson Highway) in Metairie, LA. Gulf South's scope includes pavement coring and drilling five undisturbed soil borings each to 20 feet below ground surface, lab testing, and engineering analyses (including allowable soil bearing values, bedding and backfill recommendations), estimates of settlement, pavement design recommendations, and general construction recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2017	N/A	\$8,500 (fee)



## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>David Drive Drainage Improvements (West Esplanade Avenue to Bruin Drive),</b> Jefferson Parish, Louisiana  <b>Rahman &amp; Associates, Inc.</b> 3645 Williams Blvd Ste 208 Kenner LA 70065  <b>Tafoor Hameed, P.E.,</b> 504-469-0022 tafoor@bellsouth.net	Geotechnical investigation for the reconstruction of David Drive and the construction of drainage improvements (approx. 3000 ft.) along David Drive from W. Esplanade Avenue to Bruin Drive in Metairie. Gulf South's scope includes drilling four soil borings each to a depth of 20 feet, lab testing, and geotechnical engineering analysis including allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, pavement design recommendations, and general construction recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2015	N/A	\$7,500 (fee)

<b>PROJECT NO. 6</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Trudeau Drive Drainage Improvements at West Metairie Canal,</b> Metairie, Jefferson Parish, Louisiana  <b>Hatch Mott MacDonald</b> 650 Poydras Street, Suite 2025 New Orleans LA 70130  <b>Many Heymann, P.E.,</b> 504-799-0437 many.heyman@hatchmott.com	Geotechnical investigation for new drainage improvements along Trudeau Drive at W. Metairie Blvd. in Metairie, LA. The improvements will consist of replacing existing box culverts within W. Metairie Canal with double barrel 7 ft. x 11 ft. culverts, approximately 300 linear feet. Gulf South's scope includes drilling two soil borings each to a depth of 50 feet, lab testing, and geotechnical engineering analysis consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, slope stability analysis, rigid and/or flexible pavement design recommendations, and general construction recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
October 2015	N/A	\$8,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Airline Park Boulevard Rehabilitation and Drainage Upgrade (West Napoleon to Camphor),</b> Jefferson Parish, Louisiana  <b>PECC</b> 3702 Bienville Avenue, Suite C New Orleans LA 70119  <b>John Shires, P.E.,</b> 800-749-2810 jshires@pecla.com	Geotechnical investigation for pavement rehabilitation, new drain lines, and a new pump station from W. Napoleon to Camphor in Metairie, LA. Gulf South's scope of work included drilling four soil borings to depths of 15 and 50 feet, laboratory testing (strength and classification), and geotechnical engineering analysis consisting of allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement recommendations, bedding and backfill recommendations, and general construction recommendations.	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
February 2015	N/A	\$8,500 (fee)

<b>PROJECT NO. 8</b>		
<b>Project Name, Location, and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Kinler &amp; Paul Fredrick Roadway &amp; Drainage Improvements,</b> Luling, St. Charles Parish, Louisiana  <b>EJES Inc.</b> 2626 Canal Street, Suite 202 New Orleans LA 70119  <b>Paul Foley, P.E.,</b> 504-218-7103 pfoley@ejesinc.com	Geotechnical investigation for paved roadway improvements for two streets in Luling, LA. Scope included drilling a total of 10 undisturbed soil borings. Geotechnical laboratory testing was performed in accordance with appropriate ASTM standards; this included strength tests (unconfined and/or triaxial) and classification tests (Atterberg Limits and/ or particle size). Following the collection of the field and laboratory data, a geotechnical engineer performed the evaluations necessary to characterize the subsoil conditions of the site and develop the engineering recommendations and analyses. This included current pavement materials and thicknesses, flexible pavement design recommendations, and general construction procedures and recommendations.	
<b>Completion Date (Actual or estimated:)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
June 2022	N/A	\$7,500 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Brewster Road/LA 1077 Drainage Improvements</b> , Madisonville, St. Tammany Parish, Louisiana  <b>N-Y Associates, Inc.</b> 2750 Lake Villa Drive Metairie LA 70002  <b>Fred Mortali, P.E.</b> , 504-885-0500 fmortali@n-yassociates.com	Geotechnical engineering services for a drainage improvements project at the existing parish canal off LA-1077 and Galatas Road in Madisonville, St. Tammany Parish, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 20 feet (2 locations) and 30 feet (3 locations) below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. Gulf South provided design recommendations for net allowable soil bearing values, estimates of settlement, bedding and backfill, slope stability analyses, and lateral earth pressures.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2022	N/A	\$20,000 (fee)

<b>PROJECT NO. 10</b>		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Drainage Upgrades and Green Infrastructure Improvements, Hagan Avenue &amp; Lafitte Avenue</b> , City of New Orleans, Louisiana  <b>City of New Orleans Department of Public Works</b> 1300 Perdido Street, Suite 6W02 New Orleans LA 70112  <b>Jennifer Larmeu, P.E.</b> , 504-658-8000 jjlarmeu@nola.gov	Geotechnical investigation for new drainage upgrades and green infrastructure improvements between Hagan & Lafitte Avenues (to Orleans Avenue and Broad Street) in New Orleans, LA. Gulf South's scope includes drilling 13 soil borings with five borings to a depth of 30 feet and eight to a depth of 20 feet below existing paved/ground surface, laboratory testing, and engineering analyses for net allowable soil bearing values, estimates of settlement, bedding and backfill recommendations, lateral earth pressures, rigid and/or flexible pavement design recommendations, infiltration/permeability rates of near-surface soils, and general construction procedures and recommendations. Phase 2 includes piezometer well installations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2016	N/A	\$21,799 (fee)

## TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.	<div>Gulf South Engineering and Testing, Inc. is not currently, nor has it previously been involved, in litigation with Jefferson Parish.</div>	
2.		
3.		
4.		

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



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

### CRITERIA 1 | PROFESSIONAL TRAINING AND EXPERIENCE

**Gulf South Engineering and Testing, Inc. (Gulf South)** is a geotechnical engineering and construction materials testing and inspection company which began operations in 2011. Since that time, we have grown to two offices and 30 employees. Gulf South provides a broad range of geotechnical related services, completing more than 100 geotechnical engineering projects and 300 construction materials testing and inspection projects each year. These projects typically include soil borings (shallow and deep borings), laboratory testing (AASHTO, ASTM methods, etc.), soil classification (USCS), geotechnical engineering, and construction material testing and field inspection.

**Gulf South is a woman-owned, Hudson Initiative-certified small entrepreneurship in Louisiana. Our laboratory is AASHTO and CCRL accredited and USACE validated.**

**Please refer to our projects noted in our personnel listings in Item K as well as the representative projects shown in Item L for specific project examples and an overview of our project experience with Jefferson Parish.**

## TEC Professional Services Questionnaire

N. continued.

### **Geotechnical Engineering Services**

Gulf South's ownership and senior management have decades of combined experience in the profession and have completed thousands of projects. One of Gulf South's Principals, Chad M. Poché, P.E., a founding principal and Professional Engineer registered in Civil Engineering in Louisiana and Mississippi, has specific and extensive training & experience in geotechnical engineering. He has three decades of experience in planning, administering, and conducting geotechnical investigations.

The firm has specific engineering experience and training in **Geotechnical Engineering, Foundation Design, and Geology & Geohydrology**; our staff has extensive experience in all aspects of soil mechanics and geotechnical engineering with specific knowledge in the following areas:

- Shallow and deep foundations (piles, shafts, augercast, screw/anchor piles)
- Deep excavations, cofferdams, retaining walls
- Levees and soft ground construction; slope stability & seepage
- Earthwork; settlement analyses
- Shoreline protection
- Scour analyses
- LRFD Design
- Mechanically Stabilized Earth (MSE) Walls
- Development of load test programs
- Geotechnical instrumentation and construction monitoring
- Canals and pump station foundations
- Pipe bedding and backfill
- Roadways, bridges, pavements

### **Laboratory Testing Services**

Gulf South's laboratory is equipped to serve the specific needs of our clients and managed by trained and experienced personnel. All testing is performed in accordance with ASTM, AASHTO, and/or other approved procedures. Gulf South routinely performs soil and concrete strength testing (unconfined and triaxial), soil classification tests (Atterberg limits, moisture content, density, particle size), soil and aggregate sieves, organic content, pH, soil resistivity, and moisture/density relationships (Proctor tests). Gulf South's laboratories are managed by full time, experienced, managers and staff. Further, **Gulf South's Kenner laboratory is AASHTO and CCRL certified and USACE validated.**

### **Field Investigation Services**

Gulf South owns truck mounted (ARDCO C-1000) and track mounted (ARDCO SD 350) drilling rigs with associated and appurtenant support equipment (water trucks and buggy). Our equipment and crews are capable of drilling soil borings to depths of up to 300 feet and installing monitor wells, piezometers, and inclinometers. We can also perform CPT soundings, geoprobe borings, and field testing at any site. Our staff has extensive experience in planning, oversight, and direction of field investigations.



## TEC Professional Services Questionnaire

N. continued.

### **Construction Materials Testing & Inspection**

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

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

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

### **CRITERIA 2 | SIZE OF FIRM**

At 30 employees, Gulf South has the appropriate number of employees and personnel for this project. We will complete our scope of services on time and within budget. Further said, Gulf South can readily meet the time and budget constraints for projects assigned to this contract. Our current workload is such that we can expeditiously complete projects for this contract.

### **CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION**

Gulf South has the manpower and equipment to expeditiously complete any task order assigned under this contract. The tasks which would be assigned under this contract are the types of projects we perform and complete each day. Gulf South is thoroughly familiar with the specialized and unique geotechnical and CMT needs required for the projects that may be issued under this contract.

Activity is dependent on the scope of work as well as site access and conditions, however; typically soil borings can be started within one week of receiving notice to proceed with a final product delivered within 3 to 4 weeks of completing the borings. Gulf South's workload & scheduling,

## TEC Professional Services Questionnaire

N. continued.

coupled with our headquarters being nearby, will allow for assignment of key personnel shortly after any project is assigned.

Gulf South will provide all services in a safe and timely manner. We will coordinate with the Port's Project Manager(s) on a regular basis to keep them informed and to coordinate our schedule, work, and deliverables. We guarantee that every project or task assigned to this contract will be given high priority, be done efficiently, and completed accurately, on time, and within budget.

### CRITERIA 4 | PAST PERFORMANCE ON CDBG PROJECTS

Gulf South completes hundreds of geotechnical and construction materials testing projects throughout the year. As a subconsultant, our clients do not divulge funding sources at the time of contract & services and, as such, we do not track this information. A majority of our projects are through the design-bid-build process. We have participated in CMAR and design—build projects but at a much less frequent rate than traditional design-bid-build.

### CRITERIA 5 | LOCATION OF THE PRINCIPAL OFFICE

**Gulf South Engineering and Testing has been headquartered in Jefferson Parish since beginning operations in 2011;** our principal office is located in Jefferson Parish at 15 Veterans Memorial Boulevard in Kenner. We also maintain an office in Gonzales, LA.

### CRITERIA 6 | LEGAL STATEMENT

As stated in Item M, Gulf South has had no litigation, past or present, with Jefferson Parish, nor any of our clients.

### CRITERIA 7 | PRIOR SUCCESSFUL COMPLETION OF PROJECTS

The Principals and key employees of Gulf South have many years of applicable experience in working for and with Government Agencies and private industry. Founding principal and Executive Vice President of Gulf South, Chad M. Poché, P.E., has been a practicing registered geotechnical engineer in South Louisiana since 1998. He has specialized training and experience in geotechnical engineering throughout Louisiana.

As evidenced in the provided projects and personnel résumés, key personnel experience includes the completion of **thousands of projects in the region** throughout their careers for a broad range of clients, including both the government and private sectors. We can submit data in formats acceptable and customized to our clients' needs.

Gulf South invites you to contact any of our clients for a candid discussion of our service and professionalism, and offer these direct references:

## TEC Professional Services Questionnaire

N. continued.

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

**Ben Lepine, P.E., Director, Drainage Department, Jefferson Parish**  
(504-736-6751 | JPDrainage@jeffparish.net)

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

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

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

**Daniel P. Hill, P.E., Director, St. Tammany Parish Department of Engineering**  
(985-898-2552 | engineering@stpgov.org)

**Eric Poché, Director, Ascension Parish Planning and Zoning Department**  
(225-450-1366 | eric.poché@apgov.us)

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

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

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

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 14, 2025

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

Name:

Gulf South Engineering and Testing, Inc.


Public Address:

Mr. Chad Poche, PE  
15 Veterans Memorial Boulevard  
Kenner, Louisiana 70062

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0004626	Active	07/27/2010	03/31/2025	Mr. Chad Mitchell Poche# PE.0027667

**Gulf South Engineering and Testing, Inc.'s UEI Number is R1XSWKQJERG7**  
**Gulf South Engineering and Testing, Inc.'s E-Verify Number is 648925**



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

**Mr. Chad Mitchell Poche**

License/Certificate Type - Number	Expiration Date
<b>PE.0027667</b>	<b>09/30/2026</b>
<b>Status: Active</b>	



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

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

License/Certificate Type - Number	Expiration Date
<b>PLS.0004329</b>	<b>09/30/2026</b>
<b>Status: Active</b>	



**DIVISION OF SMALL BUSINESS SERVICES**

This certification acknowledges that

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

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

This certification is valid from 11/29/2024 to 11/29/2025 .

Certification No. 11011



Stephanie Hartman,  
Director, Entrepreneurial Services



## LABORATORY VALIDATION



Trey Binder  
(504) 305-4401

of AASHTO R 18 guidance and the requirements of the applicable ASTM standards.

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

06 MAY 2024

ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 05/03/2026

OUR PUBLIC WEBSITE: <https://mtc.erdcdren.mil>

Chad A. Gartrell, PE, Director

Vicksburg, Mississippi, USA

### AGGREGATE

Aggregate - C 128 - Specific Gravity & Absorption in Fine Aggregate  
Aggregate - C 566 - Total Moisture Content  
Aggregate - C 702 - Reducing Samples to Testing Size

### CONCRETE

Concrete - C 31 - Making and Curing Test Specimens in the Field  
Concrete - C 39 - Compressive Strength of Cylindrical Specimens  
Concrete - C 138 - Unit Weight and Air Content by Gravimetric  
Concrete - C 143 - Slump  
Concrete - C 172 - Sampling  
Concrete - C 231 - Air Content by Pressure \*\*\*required if C173 not performed\*\*\*  
Concrete - C 511 - Moist Cabinets, Moist Rooms, Water Storage Tanks  
Concrete - C 1064 - Temperature of Concrete  
Concrete - C 1077 - Concrete and Concrete Aggregate Testing Standards (Quality Standards)  
Concrete - C 1231 - Unbonded Caps

### SOILS

Soils - E 329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection  
Soils - D 421 - Dry Preparation for Particle Size Distribution & Soil Constants  
Soils - D 422 - Particle Size Analysis (Sieve and Hydrometer)  
Soils - D 698 - Compaction Characteristics by Standard Effort  
Soils - D 1140 - Material Finer than 75  $\mu$ m (No. 200) Sieve  
Soils - D 1556 - Density & Unit Weight by Sand Cone  
Soils - D 1557 - Compaction Characteristics by Modified Effort  
Soils - D 2166 - Unconfined Compressive Strength  
Soils - D 2216 - Water Content  
Soils - D 2487 - Classification of Soils  
Soils - D 2488 - Description & Identification of Soils (Visual-Manual Procedure)  
Soils - D 2974 - Moisture, Ash, & Organic Matter of Peat & Other Organic Soils  
Soils - D 4318 - Liquid & Plastic Limits & Plasticity Index  
Soils - D 4643 - Determination of Water Content of Soil by Microwave Oven  
Soils - D 6938 - Density and Water Content by Shallow Depth Nuclear Method





## CERTIFICATE OF ACCREDITATION



### Gulf South Engineering and Testing, Inc.

in

**Kenner, Louisiana, USA**

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories ([aashtoresource.org](https://aashtoresource.org)).

  
Jim Tymon,  
AASHTO Executive Director

  
Moe Jamshidi,  
AASHTO COMP Chair

This certificate was generated on 04/11/2024 at 12:54 PM Eastern Time. Please confirm the current accreditation status of this laboratory at [aashtoresource.org/aap/accreditation-directory](https://aashtoresource.org/aap/accreditation-directory)



THIS CERTIFICATE IS PROUDLY PRESENTED TO

*Gulf South Engineering and Testing, Inc.*

8/15/2023

DATE



SIGNATURE



## TEC Professional Services Questionnaire

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

**B. Firm Name & Address:**

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

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

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

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

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

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

## TEC Professional Services Questionnaire

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

1.

2.

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

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

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

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

\_\_\_\_\_

## **TEC Professional Services Questionnaire**

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

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

**Name & Title:**

**Project Assignment:**

**Name of Firm with which associated:**

**Years' experience with this Firm:**

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

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

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

**TEC Professional Services Questionnaire**

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



**TEC Professional Services Questionnaire**

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

## TEC Professional Services Questionnaire

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

## TEC Professional Services Questionnaire

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

## TEC Professional Services Questionnaire

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

### PROJECT NO. 1

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

### PROJECT NO. 2

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

## TEC Professional Services Questionnaire

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

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



## TEC Professional Services Questionnaire

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

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

## TEC Professional Services Questionnaire

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

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

## TEC Professional Services Questionnaire

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

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

## TEC Professional Services Questionnaire

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

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

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

Jefferson Parish  
State of Louisiana

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

Signature: W. Reich Print Name: \_\_\_\_\_

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