



ROUTINE ENGINEERING SERVICES FOR WATER PROJECTS

RESOLUTION No. 138809
SOQ# 22-013



Submitted by:

RCL
CONSULTANTS, LLC

March 24, 2022



March 24, 2022

Jefferson Parish Council
c/o Ms. Eula A. Lopez, Parish Clerk
General Government Building
200 Derbigny Street, Suite 6700
Gretna, LA 70053

**Subject: RFQ: ROUTINE ENGINEERING SERVICES FOR WATER PROJECTS
IN JEFFERSON PARISH
RESOLUTION NO. 138809 – SOQ# 22-013**

Dear Ms. Lopez:

The firm of Richard C. Lambert Consultants, LLC is pleased to submit the attached materials in response to your Request for Qualifications for Routine Engineering Services for Water Projects 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 positioned below the company name.

Richard C. Lambert, P.E.

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Water Projects - Resolution No. 138809 SOQ# 22-013

B. Firm Name & Address:

RICHARD C. LAMBERT CONSULTANTS, LLC

15 Veterans 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:

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>1</u> Administrative	<u>1</u> Estimators	<u>1</u> Specification Writers
<u>1</u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>6</u> Civil Engineers	<u>1</u> Interior Designers	<u>2</u> Project Managers
<u>8</u> Construction Inspectors	<u> </u> Landscape Architects	<u>1</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>1</u> Engineer Intern	<u> </u> Environmental Engineers	<u>3</u> AutoCADD
<u> </u> Professional Land Surveyors		<u>26</u> TOTAL

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

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

TEC Professional Services Questionnaire

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

1. N/A

2. 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. BFM Corporation, LLC 15 Veterans Boulevard Kenner LA 70062	Survey Services	YES
2. Gulf South Engineering and Testing, Inc. 15 Veterans Boulevard Kenner LA 70062	Geotechnical Services	YES
3.		

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

26 _____

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:

35

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, 1997 Civil AL #17484, 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. 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

Mr. Lambert has been the Principal-in-Charge for all RCLC projects and is extensively familiar with the Parish's contracting procedures. Having previously been employed by his family's heavy construction business in New Orleans, working in the field, Mr. Lambert has full comprehension of the requirements and operations of construction contractors. With his education and professional experience, he has the ability to lead any Parish construction project to successful completion.

Mr. Lambert has been the principal for every Construction Engineering project the firm has produced, including the following:

- **Slidell Water Main Extension, Slidell, LA**
- **Mandeville Water Tower and Water Main Improvements, Mandeville, LA**
- **Rapatel Street Water Tower and Water Main Improvements, Mandeville, LA**
- **Waterline Replacement Program, Gentilly Woods Neighborhood, New Orleans, LA**
- **Waterline Replacement Program, Pontchartrain Park Neighborhood, New Orleans, LA**
- **PS-E7-1 Pump Station Improvements (Kawanee and Page) (\$1.75 Million)**
- **Sewer Lift Station Replacement at Regions, Essen Lane (\$2.2 Million)**
- **Stormwater Quality Demonstration Project (\$4.8 Million)**
- **36" Sewer Force Main @ Transcontinental & West Napoleon (\$5.2 Million)**
- **West Napoleon Avenue, Project No. 742-07-0092 (\$12.5 Million)**
- **Dwyer Road Intake Canal (\$53 Million)**
- **Power Boulevard, Project No. 742-26-0009 (\$4.8 Million)**
- **LA 21 Improvements, Project No. 059-01-0026 (\$9.9 Million)**
- **I-12 Pinnacle Pkwy/Brewster Road Tchefuncte Interchange, Project No. 454-04-0073 (\$9.9 Million)**
- **Transcontinental Phase II (\$2 Million)**
- **West Esplanade Avenue Overlay, Project No. 742-26-0057 (\$800 Thousand)**
- **Veterans Boulevard Overlay, Project No. 742-26-0046 (\$2.2 Million)**
- **I-12 @ LA21 Interchange, Project No. 059-01-0027 (\$5 Million)**
- **Jefferson Parish Levee Bikeway, Project No. 742-26-0024 (\$850 Thousand)**
- **Veterans Boulevard Lighting, Project No. 742-26-0047 (\$724 Thousand)**
- **West Esplanade (WB) Panel Replacement, Project No. 742-26-0070**
- **West Esplanade Avenue (Bonnabel Blvd. to Lake Ave.) (\$5.3 Million)**
- **Mounes Street Extension (Edwards Avenue to Hickory Drive), Jefferson Parish, Project No. 93-052-RBI (\$2.7 Million)**
- **Bonnabel Canal Drainage Improvements, Jefferson Parish (\$6 Million)**
- **Sibley @ West Napoleon and Mississippi @ West Napoleon Sewer Lift Station Improvements**

Under the responsible charge of Richard C. Lambert, RCLC has Designed and/or performed Construction Engineering Services on a number of streets projects which involved water infrastructure improvements for the City of New Orleans: Clematis Street (95-15-01D), Carondelet and Chestnut Streets (95-14-12B), Argonne Street (95-14-02A), Louisiana Avenue Parkway (742-36-0004), the Orleans Parish Levee Bikeway (DOTD, 742-36-0015), Convention Center Boulevard (95-01-02B), Hope Street (92-15-D1), Tchoupitoulas Street (Phase II) (DOTD, 742-26-0002), Tchoupitoulas Corridor Improvements (DOTD), South Johnson and Melodia Streets and Jackson Avenue.

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
FRANZ J. ZEMMER, P.E., <i>Manager – Design, Member</i>
Project Assignment:
Project Management - Design, Civil Engineer in Responsible Charge
Name of Firm with which associated:
Richard C. Lambert Consultants, LLC
Years' experience with this Firm:
24
Education: Degree(s)/Year/Specialization:
Bachelor of Science, 1994, Civil Engineering, Louisiana State University
Active registration: Year first registered/discipline:
1998 Civil LA #28232 2005 Civil AL #27307 2005 Civil MS#16880
Other experience and qualifications relevant to the proposed Project:
<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>City of Slidell Waterline Extension (Slidell, LA): Design of 16" waterline extension of City of Slidell water system along the Tammany Trace right-of-way to connect to the existing system to provide a loop for the City of Slidell.</p> <p>Greenbriar Sewer and Water Upgrade Improvements: Approximately 2 miles of 10" sewer force main and 8" water main installation for the development of a new subdivision and medical surgical center. Project also includes diverting of existing sewer flows into new sewer force main.</p> <p>Mandeville Water Tower: Design for this 750,000 gallon water storage tank and required upgrades to the adjoining water supply infrastructure in Mandeville, LA. \$1 Million.</p> <p>Rapatel Street Water Tower, Mandeville, LA: Design and construction administration of a second 750,000 gallon water storage tank at Rapatel Street and US 190. Project involved civil site work around the base of the Water Tower, including a crushed stone parking lot surrounded by security fencing with access gates, concrete drive from the edge of Rapatel Street to the access gates, connection of the Water Tower to the Mandeville City Water Supply by 1,500 LF of 16" PVC water main, and other incidental work as required to render the intent of the project complete.</p> <p>Waterline Replacement Program, Gentilly Woods Neighborhood, New Orleans, LA: Design of water line replacement within Gentilly Woods Neighborhood as a result of the floodwater from Hurricane Katrina.</p> <p>Waterline Replacement Program, Pontchartrain Park Neighborhood, New Orleans, LA: Design of water line replacement within Pontchartrain Park Neighborhood as a result of the floodwater from Hurricane Katrina.</p> <p>Citywide Sewer Maintenance and Rehabilitation Project, City of Slidell: Citywide evaluation of existing sewer infrastructure.</p>

TEC Professional Services Questionnaire

Locate and determine problem areas, isolate defective areas, and prepare plans and specifications for proper repair methods. Repair methods included total removal and replacement of gravity lines and manholes, point repairing gravity lines and manholes and lining of gravity lines and manholes.

West Napoleon Avenue (Roosevelt Blvd. to David Dr.), SPN 742-07-0092: Designer for the \$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.

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.

Carondelet and Chestnut Street Improvements, NO DPW No. 95-14-02B: Design of a \$1.45 Million street, drainage, water and sewer improvement project involving three city blocks of sewer lining, drainage point repairs and asphalt mill and overlay and four city blocks of complete re-construction of asphalt pavement and public utilities.

Ochsner Blvd. – Covington Bypass (LA 21 to Bootlegger Road) (Urban Collector 1) Project No. 300-07-17: Design for this project which includes Drainage, Water, Sewer and Roadway Improvements and involved a new roadway linking LA 21 with LA 1085. The project included 1.5 miles of roadway and water distribution lines.

LA 21 Improvements (Ochsner Blvd-LA 1085) LADOTD 059-01-0026: Widening of existing three-lane urban arterial roadway to a four-lane, divided roadway with median and turn lanes for access management. Work involved relocation of water main.

Gabriel Subdivision (Phase 1), Kenner, LA: Design for residential community of 219 lots extending over a site in excess of 70 acres. Design included new water distribution system, sewer infrastructure improvements consisting of 10,850 linear feet of gravity sewer manholes, 215 GPM sewer lift station and 6,450 linear feet of 6" sewer force main. All water work was in accordance with Jefferson Parish Department of Utilities Regulations.

Gabriel Subdivision (Phase 2), Kenner, LA: Design of an additional 32 lots located east of the existing subdivision. Design included 1,075 linear feet of gravity sewer manholes and new water distribution system for the additional lots. All water work was in accordance with Jefferson Parish Department of Utilities Regulations.

Tamanend Hwy. 434 Development: A private development in St. Tammany Parish for 4,800 linear feet of four-lane roadway, 2,800 linear feet of two-lane roadway with a new pedisphere water tower, a combination of 16" and 12" water main loop and sewer force mains 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 pedisphere 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.

West Esplanade Avenue (Bonnabel Blvd. to Lake Ave.): Designer for the \$5.3 Million asphalt roadway and drainage improvement project in Jefferson Parish including upgrades to the water and sewer system.

LA 59 at Sharp Road Roundabout, Mandeville, LA: This intersection improvements project calls for the installation of a roundabout for the intersection of LA 59 at Sharp Road. The roundabout will replace and require the removal of an existing traffic signal and drainage structures at the intersection. The project includes developing appropriate roundabout configuration and number of lanes as well as performing drainage analysis.

Subdivision Development (all of which required water main design): The Arbors near English Turn in Algiers, Gabriel in Kenner, Pine Island in Hammond, Arbor Walk, Del Sol, Chinchuba Creek, Versaille Business Park, Maison du Lac, Northpointe Business Park and Sterling Estates Subdivision, LOMR (Letter of Map Revision).

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
LOYD E. LUTON, P.E., <i>Manager – Construction Services</i>
Project Assignment:
Construction Administration, Civil Engineer, QA/QC
Name of Firm with which associated:
Richard C. Lambert Consultants, LLC
Years' experience with this Firm:
26
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 1978 / Civil Engineering / West Virginia University / Cum Laude
Active registration: Year first registered/discipline:
1982 Civil LA #20179 1996 Civil MS #12858 1998 Civil TX #84375
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Luton has extensive experience in the administration and inspection of construction of contracts. With his special attention to detailed monitoring, reporting, and communication, Mr. Luton brings every project to successful completion.</p> <p>Rapatel Street Water Tower, Mandeville, LA: Construction Engineer for site work related to water tower. Site work to include aggregate parking lot and 16" water main infrastructure.</p> <p>West Napoleon Avenue (Roosevelt Avenue to David Drive) Project 742-07-0092: Construction Engineer on a \$12.54 million project for the Jefferson Parish Department of Engineering. This project included the construction of a new four-lane roadway, divided by a canal with concrete flumes and box culverts, and all associated underground utilities.</p> <p>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.</p> <p>Tchoupitoulas Street (Phase II - Henry Clay Avenue to Napoleon Avenue), Project No. 742-36-0002: An \$8 million Urban Systems' concrete street replacement project for the City of New Orleans Department of Public Works. This project included the replacement of all underground water, sewer, and drain lines.</p>

TEC Professional Services Questionnaire

Power Boulevard (I-10 to W. Esplanade), Project No. 742-26-0009: Construction Engineer / Project Manager on a \$4.8 million project which consisted of widening an existing divided street and overlay. Included new drainage system and water line.

Louisiana Avenue Parkway (Phase II - S. Claiborne Avenue to S. Broad Street), Project No. 742-36-0004: A \$4.9 million Urban Systems' concrete street replacement project for the City of New Orleans Department of Public Works. This project included a new major drainage system and replacement of other underground water and sewer lines.

Argonne Street (Kenilworth - Harrison), Project No. 95-14-02A: Construction Engineer on a \$3.18 million concrete street replacement project for the City of New Orleans Department of Public Works. Included a new major drainage system and replacement of other underground water and sewer lines.

Carondelet and Chestnut Streets (Robert – Napoleon and Lyons – Bordeaux), Project 95-14-02B: Construction Engineer on a \$1.4 million asphaltic concrete street mill and overlay and complete replacement project for the City of New Orleans. This project included a new major drainage system, replacement of other underground water and sewer lines, and lining of about 1,000 linear feet of existing vitrified clay sewer lines.

Clematis Street (Gentilly – Humanity), Project 95-15-01D: Construction Engineer on a \$3.13 million street replacement project for the City of New Orleans. This project included alternate pavement designs in Portland cement concrete and asphaltic concrete, a new major drainage system, and replacement of other underground water and sewer lines.

Mounes Street Extension (Edwards Avenue to Hickory Drive), Project No. 93-052-RBI: Construction Engineer on a \$2.1 million new concrete street project for the Jefferson Parish Department of Engineering. This project included a new major drainage system and other new underground utilities.

Hope Street (A.P. Tureaud - Elysian Fields), Project 92-15-D1: A \$1.1 million asphalt street replacement project for the City of New Orleans Department of Public Works. This project included the replacement of underground water and drain lines.

Convention Center Boulevard (Henderson Street - Crescent City Connection), Project No. 95-01-02B (95B): A \$1.2 million new concrete street project for the City of New Orleans Department of Public Works. This project included new major drainage system and other new underground utilities.

Ames Boulevard Improvements (Barataria to East Ames), Jefferson Parish, Project No. H.0007177: Construction Engineer on a \$6.5 million street reconstruction project. Replacement of all underground utilities (water, sewer and drainage) and construction of new PCCP pavement.

Tchoupitoulas Street (Phase II - Henry Clay Avenue to Napoleon Avenue), Project No. 742-36-0002: Construction Engineer / Project Manager on a \$8 million Urban Systems' concrete street replacement for the City of New Orleans Department of Public Works. Included replacement of all underground water, sewer, and drain lines.

Katrina-Related Drain Line Cleaning and Catch Basin Repairs in New Orleans - \$12.2 million cleaning & repair costs

Management and Monitoring of Katrina-Related Drainage System Point Repairs in New Orleans – \$1.9 million in repairs

Drainage Point Repairs, New Orleans: \$4.0 million maintenance project for the Department of Public Works.

Ochsner Blvd. (LA 21 to Bootlegger Road)(Urban Collector 1), Project No. 300-07-17: Construction Engineer on this project which includes Drainage, Water, Sewer and Roadway Improvements and involved a new roadway linking LA 21 with LA 1085 and included a roundabout.

LA 21 Improvements (Ochsner Blvd. to Bootlegger Rd.), Covington, LA, Project No. 059-01-0026: Construction Engineer for this \$9.8 million roadway widening project. The project included two new 2-lane asphalt roadways with median and associated drainage, striping, and signalization. The construction was phased to maintain traffic in each direction during the construction activities.

City of Kenner Projects: Administration of two major roadway projects for the Department of Public Works, costing nearly \$2 million dollars; **Vintage Drive Improvements – Phase II, Project 742-26-0026 and Chateau Boulevard Mill and Overlay.**

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
ANGELA K. G. EYMARD, P.E., <i>Project Engineer</i>
Project Assignment:
Design, Civil Engineer
Name of Firm with which associated:
Richard C. Lambert Consultants, LLC
Years' experience with this Firm:
6
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 1996 / Civil Engineering / Louisiana State University
Active registration: Year first registered/discipline:
2006 Civil LA #32928 2014 Civil CA #82435
Other experience and qualifications relevant to the proposed Project:
<p>Mrs. Eymard has over 20 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>Experience with RCLC: City of Slidell Waterline Extension (Slidell, LA): Design of 16" waterline extension of City of Slidell water system along the Tammany Trace right-of-way to connect to the existing system to provide a loop for the City of Slidell.</p> <p>US11 & US190B Intersection Improvements, Slidell, LA: Planning, study, and design of new sidewalks to comply with current ADA guidelines to allow safe access to/from Olde Towne, Amtrak Train Station, and Heritage Park, new signal design for the intersection of US 11 and US190B, and realigning connections of neighboring streets.</p> <p>Slidell Submerged Streets Projects, Lee Street Drainage Basin, Slidell, LA: 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>Alton Elementary School Parking Lot, Slidell, LA: 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</p>

TEC Professional Services Questionnaire

construction inspection.

Tamanend Subdivision – LA 434, Lacombe, LA: Civil Hydrologic Design for an 850 acre private development in St. Tammany Parish 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.

Spring Lakes Subdivision, Goodbee, LA: Civil Engineering designer responsible for Hydrologic and Hydraulic (H&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.

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:

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.

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.

84 Lumber Road: 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: 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.

Three Rivers Road Widening: Civil Engineer designer responsible for drainage and paving design of widening and reconstruction of asphalt roadway, specifications, quantities estimate, and construction estimate.

Oak Alley Subdivision: Civil Engineer and Project Manager overseeing design and construction engineering on 295 lot subdivision including roadway, drainage, sewer, and water design, highway turning lane design for LADOTD driveway permitting, quantities estimate, construction estimate, and Construction inspection.

Moneyhill Subdivision: Civil Engineer and Project Manager overseeing design and construction engineering on Phase 7A of subdivision including roadway, drainage, sewer, and water design, local agency permitting, quantities estimate, construction estimate, and Construction inspection.

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 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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
ARTHUR LEDET, P.E., <i>Design Engineer</i>
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:
8
Education: Degree(s)/Year/Specialization:
Bachelor of Science/ 2013 / Civil Engineering / University of New Orleans (UNO)
Active registration: Year first registered/discipline:
2017 Civil LA #41815
Other experience and qualifications relevant to the proposed Project:
<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>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.</p> <p>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 pedisphere 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.</p> <p>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 upgrade 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 include sidewalks, drives, curbing, barrier rail, roadway widening, surcharge, detours, signage, striping, box culvert bridge, tree removal / clearing & grubbing, and drainage.</p> <p>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.</p> <p>Lapin Street, Quail Creek, & Forest Brook Drainage Improvements, Mandeville: 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>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.</p> <p>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..</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
ERIC KOCKEN, <i>Engineer Intern</i>
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:
2
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:
2020 Civil Engineer Intern LA #34412
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Kocken is currently certified in the State of Louisiana as an Engineering Intern (EI). 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.</p> <p>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.</p> <p>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 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>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.</p> <p>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.</p> <p>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.</p>

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:

31

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 31 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:

Greenbriar Sewer and Water Upgrade Improvements: Approximately 2 miles of 10" sewer force main and 8" water main installation for the development of a new subdivision and medical surgical center. Project also includes diverting of existing sewer flows into new sewer force main.

Mandeville Water Tower: Design for this 750,000 gallon water storage tank and required upgrades to the adjoining water supply infrastructure in Mandeville, LA. \$1 Million.

Rapatel Street Water Tower, Mandeville, LA: Design and construction administration of a second 750,000 gallon water storage tank at Rapatel Street and US 190. Project involved civil site work around the base of the Water Tower, including a crushed stone parking lot surrounded by security fencing with access gates, concrete drive from the edge of Rapatel Street to the access gates, connection of the Water Tower to the Mandeville City Water Supply by 1,500 LF of 16" PVC water main, and other incidental work required to render the intent of the project complete.

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.

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.

Gabriel Subdivision, Kenner, LA: CAD Design for a residential community of 219 lots extending over a site in excess of 70 acres. Design included new water distribution system, sewer infrastructure improvements consisting of 10,850 linear feet of gravity sewer manholes, 215 GPM sewer lift station and 6,450 linear feet of 6" sewer force main. All work was in accordance with Jefferson Parish Department of Sewerage regulations.

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.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
JOHN RANDALL, ATSSA Certified Inspector
Project Assignment:
Engineering Construction Observation
Name of Firm with which associated:
Richard C. Lambert Consultants, LLC
Years' experience with this Firm:
8
Education: Degree(s)/Year/Specialization:
ATSSA Registered Flagger and TCT Courses
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<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>FEMA Funded Recovery Roads Program – RR3 – West Bank Group A: CE&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>H.0110276 & H011794: New Orleans Airport Connector Road Segments A & B: CE&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 include sidewalks, drives, curbing, barrier rail, roadway widening, surcharge, detours, signage, striping, box culvert bridge, tree removal / clearing & grubbing, and drainage.</p> <p>H.0007177: Ames Boulevard Improvements (Barataria to East Ames), Jefferson Parish: 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>Canal Street Emergency Repairs, New Orleans, LA (5/16-9/16): 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>LA1077-LA 21 Connector Road Feasibility Study and Design, Covington, LA, Project No. 300-00-13-08-4: 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>Lapin Street, Quail Creek & Forest Brook Drainage Improvements, Mandeville: 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:	
Rapatel Street Water Tower Mandeville, LA <i>City of Mandeville</i> <i>3101 East Causeway Approach</i> <i>Mandeville, LA 70448</i> <i>Clif Siverd, Assistant Director</i> <i>985-624-3169</i>	Design and construction administration of a second 750,000 gallon water storage tank at Rapatel Street and US 190. Project also involved civil site work around the base of the Water Tower, including a crushed stone parking lot surrounded by security fencing with access gates, concrete drive from the edge of Rapatel Street to the access gates, connection of the Water Tower to the Mandeville City Water Supply by 1,500 LF of 16" PVC water main, and other incidental work as required to render the intent of the project complete.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
9/2014 (A)	\$2,800,000	\$2,800,000

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Mandeville Water Tower Mandeville, LA <i>City of Mandeville</i> <i>3101 East Causeway Approach</i> <i>Mandeville, LA 70448</i> <i>Clif Siverd, Assistant Director</i> <i>985-624-3169</i>	Design, Construction Engineering and Inspection of first 750,000 gallon water storage tank along St. Ann Street and required upgrades to the adjoining water supply infrastructure in Mandeville, LA.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2001 (A)	\$951,000	\$951,000



TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Waterline Replacement Program, Gentilly Woods Neighborhood New Orleans, LA <i>Sewerage and Water Board of New Orleans 625 St. Joseph Street, Room 311 New Orleans, LA 70165 Madeline Fong Goddard, P.E. 504-585-2365</i>	Design and Construction Administration for water line replacement within Gentilly Woods Neighborhood as a result of the floodwater and debris removal operations resulting from Hurricane Katrina. Project required coordination with the Department of Public Works related pavement projects.	
Completion Date (Actual or estimated)	Estimated Cost:	
2022 (E)	Entire Project: \$792,000	Work for which Firm was Responsible: \$792,000


PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Waterline Replacement Program, Pontchartrain Park Neighborhood New Orleans, LA <i>Sewerage and Water Board of New Orleans 625 St. Joseph Street, Room 311 New Orleans, LA 70165 Madeline Fong Goddard, P.E. 504-585-2365</i>	Design and Construction Administration for water line replacement within Pontchartrain Park Neighborhood as a result of the floodwater and debris removal operations resulting from Hurricane Katrina. Project required coordination with the Department of Public Works related pavement projects.	
Completion Date (Actual or estimated):	Estimated Cost:	
2021(A)	Entire Project: \$697,000	Work for which Firm was Responsible: \$697,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
West Napoleon Avenue (David Dr. to Roosevelt Ave.) Jefferson Parish <i>Jefferson Parish Dept. of Engineering, 1221 Elmwood Park., Suite 802, Jefferson, LA 70123 Angela DeSoto, PE, Director 504-736-6512</i>	Project Planning, Design Services, and Construction Engineering & Inspection for an Asphaltic Concrete Urban Arterial Roadway with asphalt pavement and concrete curb and gutter. Major water line and drainage improvements , including 12" waterline, 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. <div style="text-align: right;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2/2006 (A)	\$12,500,000	\$12,500,000


PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Gabriel Subdivision (Phase 1 and 2) Kenner, LA <i>Jefferson Parish Department of Engineering 1221 Elmwood Park., Suite 802 Jefferson, LA 70123 Angela DeSoto, PE, Director 504-736-6512</i>	<p>Phase 1 included the Design and Construction Administration for this residential community of 219 lots extending over a site in excess of 70 acres. Design included sewer infrastructure improvements consisting of 10,850 linear feet of gravity sewer manholes, 215 GPM sewer lift station, 6,450 linear feet of 6" Sewer Force Main and new water distribution system for the subdivision. All water work was in accordance with Jefferson Parish Dept. of Utilities Regulations.</p> <p>Phase 2 includes Design and Construction Administration of an additional 32 lots located east of the existing subdivision. Design included 1,075 linear feet of gravity sewer manholes and new water distribution system for the additional lots. All water work was in accordance with Jefferson Parish Department of Utilities Regulations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Phase 1 – 2001 (A) Phase 2 – 7/2017 (A)	Phase 1 – \$5,200,000 Phase 2 – \$1,700,000	Phase 1 – \$5,200,000 Phase 2 – \$1,700,000

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
West Napoleon Avenue (Green Acres to Kent Ave.) Jefferson Parish <i>Jefferson Parish Department of Engineering 1221 Elmwood Park., Suite 802 Jefferson, LA 70123 Angela DeSoto, PE, Director 504-736-6512</i>	Design and Construction Administration for major drainage improvements, two drainage pump station relocations. Water and sewer force main utility improvements including 12" waterline improvement. 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2000 (A)	\$6,500,000	\$6,500,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Water Main Extension along the St. Tammany Trace Slidell, LA <i>City of Slidell Department of Engineering 2056 Second Street Slidell, LA 70459 Blaine Clancy, P.E., Director 985-646-4270</i>	Design for the extension of the 16" water main along the St. Tammany Trace right-of-way from 0.30 mi east of Camp Villere Road to the Norfolk Southern Railroad and northward towards Lulich Road to loop the City of Slidell water system. The design involves directional drilling under local bayous and jack boring under the Norfolk Southern Railroad.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022 (E)	\$2,964,601	\$2,964,601

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Ames Boulevard Improvements (Barataria to East Ames) Project No. SPN H.0007177 Jefferson Parish, LA <i>Jefferson Parish Dept. of Engineering, 1221 Elmwood Park., Suite 802, Jefferson, LA 70123 Angela DeSoto, P.E., Director 504-736-6508</i>	Construction Engineering and Inspection for the Street reconstruction project. Replacement of all underground utilities (water, sewer and drainage) and construction of new wider PCCP pavement. Project included detailed sequences to monitor access to residents over this 20-block-long project. 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
9/2017 (A)	\$6,800,000	\$6,800,000

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Clematis Street (Gentilly - Humanity) New Orleans, LA <i>New Orleans Department of Public Works 1300 Perdido St., Rm 6W03 New Orleans, LA 70112 Nguyen Phan, P.E., Chief Engineer 504-658-8000</i>	Design and Construction Administration for this asphaltic concrete street reconstruction project for the City of New Orleans Department of Public Works. This project included alternate pavement designs in Portland cement concrete and asphaltic concrete, a new major drainage system, and replacement of other underground water and sewer lines.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2007 (A)	\$3,127,000	\$3,127,000

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 32 years in southeast Louisiana and has a thorough understanding of all Jefferson Parish requirements and standards.**

In-house Professional Staffing include Licensed Engineers, CADD Operators, Field Construction Observers, Certified LADOTD Field Inspectors, Administrative Personnel, and Support Staff. Our Engineers and Construction Observers are also ATSSA Certified for 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 water related infrastructure design projects across southeastern Louisiana, for which we designed and performed construction administration services. RCLC has designed numerous water 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. Loyd Luton, Mrs. Angela K.G. Eymard, and Mr. Arthur Ledet 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. **Lloyd E. Luton, PE, Angela K.G. Eymard, PE, and Arthur Ledet, PE** 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 various **Water Projects** for project design and the development of construction documents. RCLC has successfully designed and administered the construction of numerous Water Projects and lift station designs, repairs, and replacements 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 20 to 26 employees, and with subconsultants BFM Corporation, LLC and Gulf South Engineering and Testing, Inc. 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. ***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 companies 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. Currently this project is on hold until a servitude can 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 water 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
WEST BANK EXPRESSWAY AND SADDLER LIFT STATION (L11-1) UPGRADES	Design of upgrades to existing sewer lift station. Project on hold while Jefferson Parish secures servitudes.	<i>Currently in Design / On Hold</i>
SUBMERGED STREETS PROGRAM LAKEVIEW AREA, NEW ORLEANS	Design and construction administration for remediation of damaged caused from street inundation due to Hurricane Katrina.	<i>Currently in Construction</i>
WEST ESPLANADE BRIDGES @ DUNCAN CANAL	CE&I for replacing outdated and deteriorated bridges along West Esplanade @ Duncan Canal.	<i>Currently in Construction</i>

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 water projects. We will minimize the effects on neighboring businesses and residents. 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 32 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 1st in 2021 in and 2015 and 4th in 2016 for the ranking of over 72 Firms for New Orleans Public Works. RCLC has regularly been ranked 1st, selected by LADOTD, and consistently receives high ratings from LADOTD for Construction Administration Projects in Jefferson Parish.**

OFFICE LOCATION:

Our Jefferson Parish office, which is located at 15 Veterans Boulevard, Kenner, LA 70062, will be supported by RCLC's Mandeville Headquarters. With RCLC's **Jefferson Parish office** in the same location as our Surveying and Geotechnical subconsultants, this allows our team to function as a coordinated unit and the ability to mobilize for the project quickly to be available to complete the project in a timely manner. The substantial resources of our team's office 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 PAST JEFFERSON PARISH WORK:

Harvey Wastewater Treatment Plant Rehabilitation of Existing trickling Filter (Subconsultant)
West Bank Expressway and Saddler Lift Station (L11-1) Upgrades
Houma and West Esplanade Sewer Lift Station (LS-F8-3) Upgrades
\$610 Thousand Canal C & Lafitte Larose Highway – relocation and offset of 54" Price Brothers water force main above 8'x7'
Reinforced Concrete Box Culvert installation with highway crossing
\$12.5 Million West Napoleon Avenue (David Dr. to Roosevelt Ave.)
\$6.5 Million West Napoleon Avenue (Green Acres to Kent Ave.)
\$1.8 Million Veterans Boulevard Back-to-Back U-turns
\$2.2 Million Veterans Boulevard Overlay (Suburban Canal to Bonnabel Canal)
\$1.75 Million PS-E7-1 Pump Station Improvements (Kawanee and Page)
\$1.3 Million Sibley @ West Napoleon and Mississippi @ West Napoleon Sewer Lift Station Improvements
\$989 Thousand Sewer Rehabilitation Program LS 4208 (Granada & Martinique) Sewer Lift Station and Sewer Force Main Improvements, Kenner, LA
\$6.5 Million Ames Boulevard Improvements (Barataria to East Ames)
\$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)
\$2.5 Million Manhattan Blvd. (Gretna- US 90B) Overlay
\$2.1 Clearview Drainage Improvements
\$6.9 Million Gabriel Subdivision (Phase 1 and 2)
\$4.4 Million Hurricane Katrina-Related Debris Removal from Public Property in Jefferson Parish
\$2 Million Bonnabel Canal Reinforcement Box Culvert Project, Phase I
\$6 Million Bonnabel Canal Drainage Improvements, Phase II
\$4.3 Million Transcontinental Drive, (Phase I-I-10 to Quincy Street) & (Phase II-Quincy Street to Yale Street)
\$2.1 Million Mounes Street Extension (Edwards Ave to Hickory Drive)
\$876 Thousand West Esplanade Avenue/Lake Avenue Intersection Improvements
\$3.5 Million West Esplanade Panel Replacement (Clearview Pkwy to Bonnabel Blvd)

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 35 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:** 03/25/22

Statement of Qualifications

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF St. Tammany

BEFORE ME, the undersigned authority, personally came and appeared: Richard
C. Lambert, PE, (Affiant) who after being by me duly sworn, deposed and said that
Richard C. Lambert Consultants, LLC
he/she is the fully authorized Manager / Member of _____ (Entity),
the party who submitted a Statement of Qualifications (SOQ) to Routine Engineering Services
For Water Projects _____ (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 and Richard C. Lambert Consultants, LLC
Contributions Made to Current or Former JP Elected Officials
03/25/2020 through 03/25/2022

<u>Date</u>	<u>Name</u>	<u>Amount</u>
03/16/2021	Van Vrancken, Jennifer	\$ 500.00
		\$ 500.00
04/30/2021	Bonano, Deano	\$ 500.00
		\$ 500.00
03/04/2021	Connick, Paul	\$ 300.00
		\$ 300.00
03/09/2021	Munch, Dwayne	\$ 500.00
		\$ 500.00
06/07/2021	Impastato, Dominick	\$ 1,000.00
		\$ 1,000.00
02/09/2022	Walker, Scott	\$ 1,000.00
		\$ 1,000.00
02/18/2020	Kuhn, Tiffany	\$ 500.00
		\$ 500.00
06/22/2021	Templet, Ricky	\$ 1,000.00
02/09/2022	Templet, Ricky	\$ 1,000.00
		\$ 2,000.00
07/14/2021	Denapolis-Bosarge, Sandy	\$ 250.00
		\$ 250.00

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 X 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

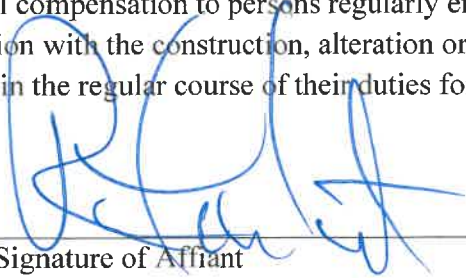
GULF SOUTH ENGINEERING AND TESTING, INC.

15 VETERANS BOULEVARD

KENNER, LA 70062



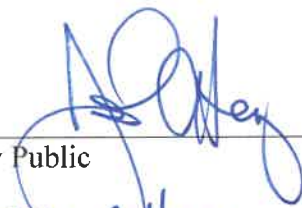
That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection 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 23rd DAY OF March, 2022


Notary Public
John C. Henry
Printed Name of Notary

18948
Notary/Bar Roll Number

My commission expires upon death.

JOHN C. HENRY
NOTARY PUBLIC
Parish of St. Tammany, State of Louisiana
LSBA 18948
My Commission is issued for Life.

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Water Projects

SOQ 22-013 | Resolution No. 138809

B. Firm Name & Address:



BFM
CORPORATION, LLC
Professional Land & Hydrographic Surveying

BFM Corporation, LLC

15 Veterans Memorial Boulevard
Kenner LA 70062

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

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

504-468-8800 • 504-460-5239 cell • cpoche@bfmcorporation.com

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

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

Ralph P. Fontcuberta, Jr., Executive Vice President • LA License No. 4329 (1974)

504-468-8800 • 504-451-7500 cell • ralph@bfmcorporation.com

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

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

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

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

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

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

TEC Professional Services Questionnaire

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

1. **N/A**

2.

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

YES _____ NO _____ **N/A**

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

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

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

24 (all personnel, primary and support, will be available on all assigned projects)

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

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

Project Assignment:

Registered Professional Land Surveyor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

40 years (Founding Principal of BFM in 1982); 55 years total (1967)

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

Ralph P. Fontcuberta, Jr., PLS has better than half a century of experience in the field of surveying and has been a registered Professional Land Surveyor (PLS) since 1974. He is thoroughly knowledgeable in all aspects of surveying: topographic, hydrographic, boundary, right-of-way surveying, and all facets thereof. He has provided surveying services for residential, plant, and industrial layout projects, ranging from small private lots & buildings to multi-million dollar programs, including the New Orleans FEMA Streets/Recovery Roads Program.

Since the beginning of his career, his work has entailed computations, drafting, and field work for various industrial, commercial, municipal, and private clients. Project work has included topographic surveying needed for a wide variety of engineering, architectural, and related endeavors.

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

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

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

- *East Bank Water Treatment Plant Improvements, Jefferson Parish, LA*
- *East Jefferson Water Works - River Road, Jefferson Parish, LA*
- *East Bank Water Treatment Plant Improvements - 3D Laser Scanning Survey, Jefferson Parish, LA*
- *Lower Lafitte Waterline, Jefferson Parish, LA*
- *Lower Lafitte Waterline Stakeout, Jefferson Parish, LA*
- *Belle Chasse Water Plant Intake, Belle Chasse, Jefferson Parish, LA*
- *River Road Water Line Replacement, Jefferson Parish, LA*
- *Locate 16-inch Water Line between Valve Stations 18 & 24, Grand Isle, Jefferson Parish, LA*
- *Central Avenue Project, Metairie, Jefferson Parish, LA*
- *Emergency Generator Replacement at the East Bank Treatment Plant, Jefferson Parish, LA*
- *Water Line Location Surveying, Grand Isle, Jefferson Parish, LA*
- *River Road Water Line, Waggaman, Jefferson Parish, LA*
- *Grand Isle Water Tower, Grand Isle, Jefferson Parish, LA*
- *Evans Road Waterline Repair - Mississippi River Levee Cross Section, Jefferson Parish, LA*
- *Iris Avenue Water Line Replacement, Jefferson Parish, LA*
- *West Bank Water Intake Basin Hydrographic Survey, Jefferson Parish, LA*
- *Waterline Location, Lower Lafitte Shoreline Stabilization, Jefferson Parish, LA*
- *Hydrological Survey of the East Bank Water Treatment Plant Intake Basin, Jefferson Parish, LA*
- *Fifi Island/Bayou Rigaud Water Line Location, Grand Isle, Jefferson Parish, LA*
- *DPW Proj. 2008-018-WR, Grand Isle Water Tower Site, Town of Grand Isle, Jefferson Parish, LA*
- *Canal No. 17 Bank Stabilization Phase II, Jefferson Parish, LA*
- *Channel Repair, Phase II, Construction Unit No. 3 (West Bank), Jefferson Parish, LA*
- *Channel Repair, Phase II, Construction Unit No. 2 (East Bank), Jefferson Parish, LA*
- *Grand Isle Water Main Location, Jefferson Parish, LA*
- *Water Main Installation, Live Oak Boulevard, West Bank, Jefferson Parish, LA*
- *Levee Cross Sections, Waggaman, Jefferson Parish, LA*

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

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

Project Assignment:

Engineering Liaison

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

Mr. Poché is an Executive Vice President with (and partial owner of) BFM Corporation, LLC, and a co-founder of BFM's sister company, Gulf South Engineering and Testing, Inc. He has been a consulting geotechnical engineer for more than 20 years in South Louisiana, working on traditional and unique geotechnical engineering projects (shallow and deep foundation design, slope stability, pavement design, etc.). Mr. Poché has also provided construction oversight for waste facilities and virtually every type of earthwork related project. He has been the geotechnical engineer of record for thousands of projects throughout his career.

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

BFM Corporation projects overseen by Mr. Poché would include:

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Chad M. Poché, P.E. (continued)

Levee Cross Sections, Waggaman, Jefferson Parish, LA. BFM's scope of services included a cross section survey with location & inverts of water manholes & valves for the project. (\$2,845 (fee); 2018)

East Bank Water Treatment Plant Improvements, Jefferson Parish, LA. BFM's surveying services located submerged pipes upon excavation as part of Task Order No. 3 of the project. (\$19,703 (fee); 2018)

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

Lapalco Boulevard Turn Lane (Lapalco Boulevard at Barataria Boulevard), Jefferson Parish, LA. BFM provided surveying services for the Lapalco Boulevard Turn Lane project (JPPW 2017-048-RBP), which involved a westbound left turn lane to southbound Lapalco Boulevard. BFM's scope included a Route Topographic Survey of Lapalco Boulevard at Barataria Boulevard; the full scope plan & profile included all services, utilities, properties, elevations, cross sections, and items necessary to perform any and all engineering and construction work. The project site was subject to road closures during the survey and preliminary construction/preparation phase. (\$46,854 (fee); 2018)

Destrehan Avenue Bike Path (Patriot Street to Chadwood Drive), Harvey, Jefferson Parish, LA. BFM prepared a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The project area included the Destrehan ramp intersection, Chadwood Drive to Destrehan Avenue, and from the Destrehan ramp to Patriot Street. Surveying services further included the intersection of Destrehan Avenue to all side streets within the project area. (\$86,355 (fee); 2019)

Lapalco Boulevard Bridge at Harvey Canal, Jefferson Parish, LA. BFM provided extensive surveying services for a topographic survey and right-of-way (ROW) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases included hydrographic topography of the project area, the right-of-way determination, and subsurface utility engineering (SUE). A Route Topographic Survey was also included as part of the scope. (\$575,738 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

John Philip Thayer
Field Operations Supervisor

Project Assignment:

Field Operations Supervisor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

Professional Land Surveyor Registration in process, State of Louisiana

Other experience and qualifications relevant to the proposed Project:

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

Central Avenue Project, Metairie, Jefferson Parish, LA. BFM provided topographic surveying services for the Central Avenue project, which extended from Airline Highway to Karen Drive. This included location of utilities, notably the municipal water line. (\$14,580 (fee); 2014)

River Road Water Line, Waggaman, Jefferson Parish, LA. As requested by the Project Engineer, BFM provided water line location & general surveying services for the project, which extended from the St. Charles Parish line to Rivet Boulevard in Waggaman. (\$43,211 (fee); 2012)

Grand Isle Water Tower, Grand Isle, Jefferson Parish, LA. BFM provided as-requested amended surveying services for the project. This was an extension of DPW Proj. 2008-018-WR, executed in 2009, for additional project work. (\$8,753 (fee); 2012)

Water Line Location Surveying, Grand Isle, Jefferson Parish, LA. BFM located a 16-inch water line at Camp Club in Grand Isle, Louisiana. (\$1,701 (fee); 2012)

West Bank Water Intake Basin Hydrographic Survey, Jefferson Parish, LA. BFM provided hydrographic surveying services for the Intake Basin at the West Bank plant. (2011)

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

John Philip Thayer (continued)

Fifi Island/Bayou Rigaurd Water Line Location, Grand Isle, Jefferson Parish, LA. BFM's surveying services located a 16-inch water line utility in Fifi Island and Bayou Rigaurd in Grand Isle, Louisiana. (\$3,178 (fee); 2010)

East Jefferson Water Works – River Road, Jefferson Parish, LA. BFM's surveying services for the project involved the location of existing water lines/pipes for the East Jefferson Water Works located on River Road in Jefferson Parish. (\$2,070 (fee); 2017)

East Bank Water Treatment Plant Improvements, Jefferson Parish, LA. BFM executed a boundary survey, utilizing Laser Scan P3, for an As-Built Utilities survey. This included draft surveying (in conjunction with the Prime Firm) as well as provision of final survey as directed. In a later phase, BFM provided topographic and boundary surveying services. (\$154,770 (fee); 2017)

Belle Chasse Water Plant Intake, Belle Chasse, Jefferson Parish, LA. BFM provided bathymetric surveying services for the project. (\$14,804 (fee); 2016)

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

Emergency Generator Replacement at the East Bank Treatment Plant, Jefferson Parish, LA. BFM prepared a topographic survey of the area surrounding the proposed site for the emergency generators. (\$5,888 (fee); 2012)

Evans Road Waterline Repair – Mississippi River Levee Cross Section, Jefferson Parish, LA. BFM provided cross section surveying services for the Evans Road Mississippi River Levee profiles as requested by the Parish in order to obtain USACE permitting. The cross section view showed the existing levee cross section, the design levee cross section, and the proposed excavation sites. (\$4,485 (fee); 2012)

Iris Avenue Water Line Replacement, Jefferson Parish, LA. BFM provided topographic surveying services for the Iris Avenue Water Line Replacement, which included the area from River Road to Jefferson Highway. (\$18,493 (fee); 2011)

Hydrological Survey of the East Bank Water Treatment Plant Intake Basin, Jefferson Parish, LA. BFM provided hydrological surveying services for the project. (\$4,975 (fee); 2010)

Waterline Location, Lower Lafitte Shoreline Stabilization, Jefferson Parish, LA. BFM provided surveying services associated with the location of a 16 in plastic waterline in the Barataria Waterway as part of the Lower Lafitte Shoreline Stabilization project. (\$27,825 (fee); 2011)

Grand Isle Water Tower Site, Town of Grand Isle, Jefferson Parish, LA. BFM provided topographic surveying for the project. (\$6,859 (fee); 2009)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Gary J. Lambert, Jr., PLS

Registered Professional Land Surveyor

Project Assignment:

Registered Professional Land Surveyor; Project Manager/Drafting Supervisor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

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

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

Active registration: Year first registered/discipline:

2021, Professional Land Surveyor (Louisiana Lic. No. 5929)

Other experience and qualifications relevant to the proposed Project:

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

Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA. BFM executed a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The project area (Allo Street) extended from 4th Street to 6th Street. (\$12,855 (fee); 2019)

North Arnoult Drainage Pump Station Improvements, Jefferson Parish, LA. BFM's project services included both boundary and topographic surveying of the project site. (\$6,870 (fee); 2019)

Lapalco Boulevard Bridge at Harvey Canal, Jefferson Parish, LA. BFM provided extensive surveying services for a topographic survey and right-of-way (ROW) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases included hydrographic topography of the project area, the right-of-way determination, and subsurface utility engineering (SUE). A Route Topographic Survey was also included as part of the scope. (\$575,738 (fee); 2019)

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

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

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

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

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)

Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA. BFM provided surveying services for this Drainage Evaluation Project (PW 2018-024-DR). 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 (R/W) of Causeway Boulevard to easterly apparent ROW 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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Christopher Lemley
Quality Control Supervisor

Project Assignment:

Quality Control Supervisor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Mr. Lemley serves as BFM's Quality Control Supervisor, overseeing all work and activity by the firm's personnel to be sure all is kept up to our exacting standards. His surveying experience includes over 8 years as a Survey Crew Chief. His survey software experience includes projects involving Trimble, Topcon, Leica, and Hypack, and has maintained and operated GPS, Auto-Level, and Total Station.

Lower Lafitte Waterline Stakeout, Jefferson Parish, LA. BFM provided stakeout surveying for the project, staking the water line every 50 feet (with 4 ft. wooden stakes). (\$10,380 (fee); 2016)

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

East Bank Water Treatment Plant Improvements, Jefferson Parish, LA. BFM executed a boundary survey, utilizing Laser Scan P3, for an As-Built Utilities survey. This included draft surveying (in conjunction with the Prime Firm) as well as provision of final survey as directed. In a later phase, BFM provided topographic and boundary surveying services. (\$154,770 (fee); 2017)

Belle Chasse Water Plant Intake, Belle Chasse, Jefferson Parish, LA. BFM provided bathymetric surveying services for the project. (\$14,804 (fee); 2016)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Thomas O. Wright
Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

Lower Lafitte Waterline, Jefferson Parish, LA. BFM provided stakeout services for the Lower Lafitte Waterline project. (\$10,380 (fee); 2017)

Grand Isle Water Tower, Grand Isle, Jefferson Parish, LA. BFM provided as-requested amended surveying services for the project. This was an extension of DPW Proj. 2008-018-WR, executed in 2009, for additional project work. (\$8,753 (fee); 2012)

Fifi Island/Bayou Rigaurd Water Line Location, Town of Grand Isle, Jefferson Parish, LA. BFM's surveying services located a 16-inch water line utility in Fifi Island and Bayou Rigaurd in Grand Isle, Louisiana. (\$3,178 (fee); 2010)

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Curtis "Jay" Barrios
Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

*American Traffic Safety Service Assn. – Traffic Flagger
Transportation Work Identification Card (TWIC)*

Other experience and qualifications relevant to the proposed Project:

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

Belle Chasse Water Plant Intake, Belle Chasse, Jefferson Parish, LA. BFM provided bathymetric surveying services for the project. (\$14,804 (fee); 2016)

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

Iris Avenue Water Line Replacement, Jefferson Parish, LA. BFM provided topographic surveying services for the Iris Avenue Water Line Replacement, which included the area from River Road to Jefferson Highway. (\$18,493 (fee); 2011)

Grand Isle Water Main Location, Jefferson Parish, LA. BFM provided all surveying services associated with the location of the Grand Isle water main. (\$20,000 (fee); 2002)

Water Main Installation, Live Oak Boulevard, West Bank, Jefferson Parish, LA. BFM provided topographic surveying services for the project. (\$20,000 (fee); 1998)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Eric Gladney
Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

Lower Lafitte Waterline Stakeout, Jefferson Parish, LA. BFM provided stakeout surveying for the project, staking the water line every 50 feet (with 4 ft. wooden stakes). (\$10,380 (fee); 2016)

East Jefferson Water Works – River Road, Jefferson Parish, LA. BFM's surveying services for the project involved the location of existing water lines/pipes for the East Jefferson Water Works located on River Road in Jefferson Parish. (\$2,070 (fee); 2017)

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

East Bank Water Treatment Plant Improvements, Jefferson Parish, LA. BFM's surveying services located submerged pipes upon excavation as part of Task Order No. 3 of the project. (\$19,703 (fee); 2018)

Belle Chasse Water Plant Intake, Belle Chasse, Jefferson Parish, LA. BFM provided bathymetric surveying services for the project. (\$14,804 (fee); 2016)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Jeff Patin

Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

Transportation Work Identification Card (TWIC)

Other experience and qualifications relevant to the proposed Project:

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

Town Center Water Well, City of Slidell, LA. BFM's surveying scope included topographic and boundary surveying services for the project. (\$16,533 (fee); 2019)

Lapalco Boulevard Bridge at Harvey Canal, Jefferson Parish, LA. BFM provided extensive surveying services for a topographic survey and right-of-way (ROW) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases included hydrographic topography of the project area, the right-of-way determination, and subsurface utility engineering (SUE). A Route Topographic Survey was also included as part of the scope. (\$575,738 (fee); 2019)

5th & 9th Sewer Lift Station Upgrades, Harvey, Jefferson Parish, LA. BFM's scope involved a topographic survey of the project site, located at the intersection of 5th Avenue & 9th Street. Cross sections were taken on a 25 ft grid within limits. (\$6,790 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Anthony Watson
CADD Technician

Project Assignment:

CADD Technician

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

Coursework - CAD, Avatech Solutions, Los Colinas, TX

Active registration: Year first registered/discipline:

NA

Other experience and qualifications relevant to the proposed Project:

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


Lower Lafitte Waterline Stakeout, Jefferson Parish, LA. BFM provided stakeout surveying for the project, staking the water line every 50 feet (with 4 ft. wooden stakes). (\$10,380 (fee); 2016)

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


East Bank Water Treatment Plant Improvements, Jefferson Parish, LA. BFM provided surveying services for Tasks 1 (topographic) and 2 (boundary) of the project, part of a major improvements project for the East Bank Water Treatment Plant in Jefferson Parish. (\$24,465 (fee); 2016)

Evans Road Waterline Repair – Mississippi River Levee Cross Section, Jefferson Parish, LA. BFM provided cross section surveying services for the Evans Road Levee profiles as requested by the Parish in order to obtain USACE permitting. The cross section view showed the existing levee cross section, the design levee cross section, and the proposed excavation sites. (\$4,485 (fee); 2012)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
<p>Shaun Clements CADD Technician</p>
Project Assignment:
<p>CADD Technician</p>
Name of Firm with which associated:

Years experience with this Firm:
<p>4 years (joined BFM in 2018); 7 years total (2015)</p>
Education: Degree(s)/Year/Specialization:
<p>Associates of Applied Sciences, 2015, Computer Drafting and Design (ITT)</p>
Active registration: Year first registered/discipline:
<p>NA</p>
Other experience and qualifications relevant to the proposed Project:
<p>North Arnoult Drainage Pump Station Improvements, Jefferson Parish, LA. BFM's project services included both boundary and topographic surveying of the project site. (\$6,870 (fee); 2019)</p> <p>Sewer Lift Station L-13-6, Ehret Road, Marrero, Jefferson Parish, LA. BFM's surveying scope involved topographic and boundary surveying services. (\$8,790 (fee); 2019)</p> <p>Holly Drive Drainage Project, Lewisburg Estates Subdivision, Mandeville, St. Tammany Parish, LA. BFM provided boundary with topographic surveying of the project site (multiple lots) in the Lewisburg Estates Subdivision for this drainage project. (\$13,392 (fee); 2019)</p> <p>Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA. BFM executed a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The project area (Allo Street) extended from 4th Street to 6th Street. (\$12,855 (fee); 2019)</p> <p>West Bank Bus Stop Improvements, Jefferson Parish, LA. BFM's surveying services involved topographic surveying (25 ft grid) for multiple bus stop locations (AV26, AV27, AV3 (6 sites), AV40, AV42, AV43, AV44, AV45, AV47, AV65, AV74, AV76, HL67, MR44, MR52). (\$26,622 (fee); 2019)</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Kevin A. Roberts CADD Technician
Project Assignment:
CADD Technician
Name of Firm with which associated:
 Professional Land & Hydrographic Surveying
Years experience with this Firm:
4 years (joined BFM in 2018); 37 years total (1985)
Education: Degree(s)/Year/Specialization:
A.D., 1999, Drafting & Design, Louisiana Technical College <i>Coursework, 1994-1997, Nunez Community College</i> <i>Coursework, 1984-1988, Delgado Community College</i> <i>Coursework, 1982-1983, University of New Orleans</i>
Active registration: Year first registered/discipline:
NA
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Roberts has experience with civil engineering, offshore engineering, water purification systems, and general architectural and construction design & terminology. He obtained his A.D. in Drafting in 1999, and has taken additional coursework throughout his career.</p> <p>Town Center Water Well, City of Slidell, LA. BFM's surveying scope included topographic and boundary surveying services for the project. (\$16,533 (fee); 2019)</p> <p>Lapalco Boulevard Bridge at Harvey Canal, Jefferson Parish, LA. BFM provided extensive surveying services for a topographic survey and right-of-way (ROW) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases included hydrographic topography of the project area, the right-of-way determination, and subsurface utility engineering (SUE). A Route Topographic Survey was also included as part of the scope. (\$575,738 (fee); 2019)</p> <p>5th & 9th Sewer Lift Station Upgrades, Harvey, Jefferson Parish, LA. BFM's scope involved a topographic survey of the project site, located at the intersection of 5th Avenue & 9th Street. Cross sections were taken on a 25 ft grid within limits. (\$6,790 (fee); 2019)</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Dawn Hoffman
Researcher/Archivist

Project Assignment:

Researcher/Archivist

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

NA

Other experience and qualifications relevant to the proposed Project:

East Bank Water Treatment Plant Improvements, Jefferson Parish, LA. BFM executed a boundary survey, utilizing Laser Scan P3, for an As-Built Utilities survey. This included draft surveying (in conjunction with the Prime Firm) as well as provision of final survey as directed. In a later phase, BFM provided topographic and boundary surveying services. (\$154,770 (fee); 2017)

East Jefferson Water Works – River Road, Jefferson Parish, LA. BFM's surveying services for the project involved the location of existing water lines/pipes for the East Jefferson Water Works located on River Road in Jefferson Parish. (\$2,070 (fee); 2017)

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

Waterline Location, Lower Lafitte Shoreline Stabilization, Jefferson Parish, LA. BFM provided surveying services associated with the location of a 16 in plastic waterline in the Barataria Waterway as part of the Lower Lafitte Shoreline Stabilization project. (\$27,825 (fee); 2011)

Hydrological Survey of the East Bank Water Treatment Plant Intake Basin, Jefferson Parish, LA. BFM provided hydrological surveying services for the project. (\$4,975 (fee); 2010)

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:	
East Bank Water Treatment Plant Improvements Project (including Laser Scanning), Jefferson Parish, Louisiana Stantec 1340 Poydras Street, Suite 1420 New Orleans LA 70112 Jeffrey Sapia, P.E., 225-926-3991 jeffrey.sapia@stantec.com		BFM provided surveying services for Tasks 1 (topographic) and 2 (boundary) of the project, part of a major improvements project for the East Bank Water Treatment Plant located at 3600 Jefferson Highway in Jefferson Parish. This included executing a 3D Laser Scan for an As-Built Utilities survey. Draft surveying (in conjunction with the Prime Firm) as well as provision of final survey were prepared as directed.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2017 June		N/A	\$166,230 (fee)

PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
River Road Water Line Replacement, Jefferson Parish, Louisiana Digital Engineering 527 W Esplanade Ave Ste 200 Kenner LA 70065 Frank T. Liang, P.E., 504-468-7515 fliang@deii.net		As directed by the Project Engineer, BFM provided topographic surveying services for the project, which extended from Rivet Boulevard to Willswood Drive. This project was part of the Louisiana Department of Health and Hospitals (LDHH) Clean Drinking Water loan program.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2015 June		N/A	\$84,700 (fee)

TEC Professional Services Questionnaire

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

PROJECT NO. 4		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
River Road Water Line, Waggaman, Jefferson Parish, Louisiana Digital Engineering 527 W Esplanade Ave Ste 200 Kenner LA 70065 Frank T. Liang, P.E., 504-468-7515 fliang@deii.net	As requested by the Project Engineer, BFM provided water line location & general surveying services for the project, which extended from the St. Charles Parish line to Rivet Boulevard in Waggaman.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012 November	N/A	\$43,211 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Belle Chasse Water Plant Intake, Belle Chasse, Jefferson Parish, Louisiana Kyle Associates, LLC 638 Village Lane North Mandeville LA 70471 Phil O. Nelson, P.E., 985-727-9377 pnelson@kyleassociates.net	BFM provided bathymetric, boundary and topographic surveying services for the project. Improvements on the site were located, as well as visible above-ground utilities & underground utilities with visible surface evidence. Existing storm sewer and sanitary sewers were located using top of casing; invert elevations were provided on the survey. Bathymetric surveys were tied to the U.S. Army Corps of Engineers baseline. Deliverables included indelible prints and AutoCAD DWG format drawing files	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016 July	N/A	\$14,804 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Central Avenue Project (including location of Municipal Water Line), Metairie, Jefferson Parish, Louisiana Principal Engineering 1011 N Causeway Blvd Suite 19 Mandeville LA 70471 Tyler Gaspard, E.I., 985-624-5001 tyler@principal-engineering.com	BFM provided topographic surveying services for the Central Avenue project, which extended from Airline Highway to Karen Drive. This included location of utilities, notably the municipal water line.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014 February	N/A	\$14,580 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
East Jefferson Water Works – River Road, Jefferson Parish, Louisiana Stantec 1340 Poydras Street, Suite 1420 New Orleans LA 70112 John Catalanotto, P.E., 504-234-1556 john.a.catalanotto@stantec.com	BFM's surveying services for the project involved the location of existing water lines/pipes for the East Jefferson Water Works located on River Road in Jefferson Parish.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017 June	N/A	\$2,070 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Lower Lafitte Waterline Project, Jefferson Parish, Louisiana CB&I 2424 Edenborn Avenue Suite 450 Metairie LA 70001 Gene S. Gillen, P.E., 504-832-4881 gene.gillen@cbi.com	BFM provided stakeout surveying for the project, staking the water line every 50 feet (with 4 ft. wooden stakes).	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017 January	N/A	\$10,380 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Locate 16-inch Water Line between Valve Stations 18 & 24, Grand Isle, Jefferson Parish, Louisiana Jefferson Parish Water Department 1221 Elmwood Park Blvd Ste 909 Jefferson LA 70123 R. Douglas Vincent, P.E., 504-838-4363 JPWater@jeffparish.net	BFM provided surveying services to locate the water line situated between valve stations 18 and 24 in Grand Isle.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014 August	N/A	\$133,444 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Waterline Location, Lower Lafitte Shoreline Stabilization, Jefferson Parish, Louisiana Shaw Coastal Post Office Box 98519 Baton Rouge LA 70884 Gene Gillen, P.E., 225-932-2500	BFM provided surveying services associated with the location of a 16 in plastic waterline in the Barataria Waterway as part of the Lower Lafitte Shoreline Stabilization project.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011 August	N/A	\$27,825 (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.	BFM Corporation is not currently, nor has it previously been involved, in litigation with Jefferson Parish.	
2.		
3.		
4.		

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

BFM CORPORATION, LLC

Professional Land & Hydrographic Surveying

CRITERIA 1 • PROFESSIONAL TRAINING AND RELEVANT PROJECT EXPERIENCE

Established in 1982, **BFM Corporation, LLC, Professional Land & Hydrographic Surveying**, has provided services to public & private concerns throughout Louisiana and the Gulf South. The firm provides surveying services covering all facets of engineering, construction, and forensics; topographic, hydrographic, and high definition laser scanning.

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

Our capabilities include the following and more:

- **Topographic Surveying**
- **Drone Surveying / Photogrammic and LiDAR**
- **Bathymetric / Hydrographic Surveys**
- **Property, Boundary, and Right-of-Way Surveys**

TEC Professional Services Questionnaire

N. continued.

- **Maps, Cross-Sections, and Data Sets**
- **3D Laser Scanning**
- **Benchmarks**
- **Construction-Related Surveying**
- **Builder's Package Surveys**
- **American Land Title Association (ALTA) Surveys**

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

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

BFM offers **Drone Surveying Services**, featuring a DJI Matrice 600 Pro drone outfitted with a Sony A7R3 42-megapixel camera, Pixhawk Triggering System, VMAP PPK system, and an A3 Pro Flight Controller. It can capture 50 acres of land in that time (with a flight ceiling of 165 feet, pixel quality is 0.71 CM). This allows BFM to quickly & accurately capture data and facilitates quicker field work to produce highly accurate and precise surveying information. Deliverables feature Clean Point Cloud, 3D Mesh, Orthomosaic, and AutoCAD DWG Topographic.

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

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

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

TEC Professional Services Questionnaire

N. continued.

CRITERIA 2 • CAPACITY FOR TIMELY COMPLETION OF NEWLY-ASSIGNED WORK

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

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

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

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

CRITERIA 3 • LOCATION OF PRINCIPAL OFFICE

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

CRITERIA 4 • ADVERSARIAL LEGAL PROCEEDINGS WITH PARISH

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

CRITERIA 5 • PRIOR SUCCESSFUL COMPLETION OF PROJECTS

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

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

TEC Professional Services Questionnaire

N. continued.

- **Angela DeSoto, P.E.**, Director of Engineering, Jefferson Parish (504-736-6511 | ADeSoto@jeffparish.net)
- **Sid Trouard, P.E.**, Program Manager, Jefferson Parish Sewerage Capital Improvement Program (504-736-6386 | STrouard@jeffparish.net)
- **Tom Schreiner**, Deputy CAO, Public Works & Capital Projects, City of Kenner (504-468-7515 | tschreiner@kenner.la.us)
- **Greg Cromer**, Mayor, City of Slidell (985-646-4333 | gcromer@cityofslidell.org)

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

CRITERIA 6 • SIZE OF FIRM

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

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

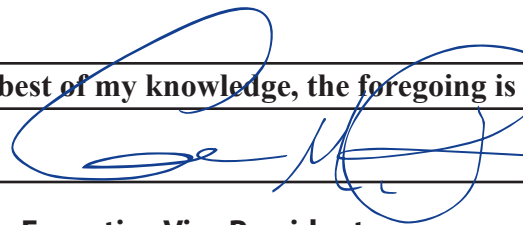
CRITERIA 7 • PAST PERFORMANCE ON PARISH CONTRACTS

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

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

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

Signature:



Print Name:

Chad M. Poché, P.E.

Title:

Executive Vice President

Date:

March 14, 2022

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	09/30/2023	Mr. Ralph P. Fontcuberta Jr. # PLS.0004329 - Active



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

Mr. Ralph P. Fontcuberta Jr.

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



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

Mr. Chad Mitchell Poche

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



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

Mr. Gary James Lambert Jr.

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



Division of Small and Emerging Business Development
SEBD CERTIFICATION

BFM CORPORATION, LLC

is hereby certified as a Small and Emerging Business Enterprise.

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

Issued at Baton Rouge, Louisiana 7/19/2019

This certification expires on: 7/19/2029

Certification No. 9551

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



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

BFM CORPORATION, LLC

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

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

Certification No. 9551

Stephanie Hartman,
Director, Small Business Services

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Water Projects

SOQ 22-013 | Resolution No. 138809

B. Firm Name & Address:



Gulf South Engineering and Testing, Inc.

15 Veterans Memorial Boulevard

Kenner LA 70062

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

Chad M. Poché, P.E., Principal/Vice President

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

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

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

Chad M. Poché, P.E., Principal/Vice President

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

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

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

6	Administrative	-	Estimators	-	Specification Writers
-	Architects (Licensed)	-	Geologists	-	Structural Engineers
-	Chemical Engineers	2	Geotechnical Engineers	1	Graduate Engineers
-	Civil Engineers	-	Interior Designers	-	Project Managers
10	Construction Inspectors	-	Landscape Architects	-	Clerical (<i>see Administrative</i>)
-	Ecologists	-	Land Surveyor (<i>*see PLS</i>)	-	Grant/Funding Specialist
-	Electrical Engineers	-	Mechanical Engineers	-	Sanitary Engineers
-	Engineer Intern	-	Environmental Engineers	1	Construction Managers
1	Professional Land Surveyors			1	Laboratory Managers

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

32* TOTAL

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

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

TEC Professional Services Questionnaire

G. If submittal is by a JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. please attach additional pages if necessary.		
1. N/A		
2.		
H. Has this JOINT-VENTURE previously worked together? Please check: YES _____ NO _____ N/A		
I. List all subcontractors anticipated for this Project. Please note that <u>all subcontractors must submit a fully completed copy of this questionnaire</u>, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.		
Name & Address:	Specialty:	Worked with Prime Before (Yes or No):
1. N/A		
2.		
3.		
J. Please specify the total number of support personnel that may assist in the completion of this Project: <u>32</u> (all personnel will be available to the project; individuals to be assigned)		

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Chad M. Poché, P.E.
Vice-President

Project Assignment:

Engineering Manager; Geotechnical Engineer

Name of Firm with which associated:



Years experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

Mr. Poché is the Vice President, co-founder, and partner in Gulf South. He has been a consulting geotechnical engineer for more than 20 years in South Louisiana, working on traditional and unique geotechnical engineering projects (shallow and deep foundation design, slope stability, pavement design, etc.). Mr. Poché has also provided construction oversight for waste facilities and virtually every type of earthwork related project. He has been the geotechnical engineer of record for thousands of projects throughout his career.

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

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Chad M. Poché, P.E. (continued)

Central Avenue Water Main Upgrade, Phase I (Central Ave. Between Airline Hwy. & Karen Ave.), Jefferson Parish, LA. Geotechnical investigation for the reconstruction of Central Avenue and the construction of a 12-in. dia. water main along Central Avenue. Scope included drilling four soil borings in the roadway to depths of 10 & 25 ft, lab testing (strength and classification), and geotechnical engineering analyses consisting of allowable soil bearing values, bedding & backfill recommendations, estimates of settlement, and general construction recommendations. (\$5,000 (fee); 2014)

Raw Water Intake (RWI) Structure Rehabilitation, Plaquemine, Iberville Parish, LA. Geotechnical engineering services for the construction of a replacement water pipeline and intake structure within the Intercoastal Water Way (IWW) near Highway 3066 (Bayou Road) in Iberville Parish, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 ft. bgs), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$17,300 (fee); 2020)

Water Well (Town Center Parkway & I-10 Crossings), City of Slidell, LA. Geotechnical investigation for construction of new water system improvements near Town Center Parkway. Scope includes drilling undisturbed soil borings, lab testing, and engineering analyses including net soil bearing values, below grade and pipeline foundation recommendations, pile load capacities for compression, tension, lateral cases, estimates of settlement, passive lateral earth pressures, modulus of soil reaction, soil resistivity values, bedding and backfill recommendations, rigid and/or flexible pavement design recommendations, special local soil conditions, and general construction procedures and recommendations. (\$9,900 (fee); 2018)


Entergy Water Sampling (Old Gentilly Road Site), New Orleans, LA. Gulf South sampled water from existing pipes and water source to building to determine if any contaminants were found. Water quality was tested for copper, lead, chlorine and total organic carbon. In addition to water sampling, mold inspection was performed. (\$1,000 (fee); 2018)

St. Peter's Ditch – Phase IV (Pump Station at Clearview), Metairie, Jefferson Parish, LA. Project consisted of the construction of a new pump station and below grade culverts and piping for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection during construction (CMT). Scope included performing pile plant inspection, pile monitoring during installation, vibration monitoring, concrete testing and inspection, earthwork testing and inspection including soil sampling and field density tests, and steel inspection. (\$110,000 (fee); 2016)

Bayou Sauvage Water Control Pipe Replacement, U.S. Wildlife & Fisheries, New Orleans, LA. Geotechnical investigation for drainage pipe replacement at 2 sites for the U. S. Fish and Wildlife in New Orleans, LA. New drainage pipes will be 6 feet in diameter. Drill 1 boring to 20 feet in depth at each site and perform laboratory testing and geotechnical engineering analyses consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, and general construction recommendations. (\$3,500 (fee); 2012)

Mississippi River Discharge Pump Station, River Ridge, Jefferson Parish, LA. Gulf South provided geotechnical engineering services for the construction of a new pump station and force main discharge pipeline between Coventry Court and Lee Court in River Ridge. Scope includes drilling four undisturbed soil borings (one at 100 ft., one at 80 ft., and two at 30 ft.; all below ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$35,000 (fee); 2020)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Blake E. Vutera, P.E. Engineering Manager
Project Assignment:
Geotechnical Engineer
Name of Firm with which associated:
 ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants
Years experience with this Firm:
10 years with this firm (2012); 16 years total (2006)
Education: Degree(s)/Year/Specialization:
M.S., 2018, Civil Engineering, University of New Orleans Certification - Coastal Engineering, 2018, University of New Orleans B.S., 2008, Civil Engineering, Louisiana State University
Active registration: Year first registered/discipline:
2013, Civil Engineer, Louisiana, No. 38607 2018, Professional Engineer, Texas No. 129410
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Vutera serves as Gulf South's Engineering Manager and is based in Gulf South's Kenner, LA office. His experience with the firm includes daily work on geotechnical engineering projects as well as managing all geotechnical investigations and providing assistance with laboratory testing and construction materials testing and inspection. Engineering analyses that Mr. Vutera routinely performs include: shallow and deep foundations, slope stability analyses, settlement estimates, and pavement design. He is responsible for engineering design, report preparation, proposal preparation, personnel management, project management, and client interaction.</p> <p>Mr. Vutera's field work consists of borehole logging; installation of ground water monitoring wells, piezometers, and inclinometers; overseen and evaluated pile load tests; overseen, performed, and evaluated dynamic pile testing (PDA and PIT); pavement coring; nuclear field density tests; and hand augers. Mr. Vutera has been the geotechnical engineer of record for hundreds of projects throughout his career.</p> <p>Entergy Water Sampling (Old Gentilly Road Site), New Orleans, LA. Gulf South sampled water from existing pipes and water source to building to determine if any contaminants were found. Water quality was tested for copper, lead, chlorine and total organic carbon. In addition to water sampling, mold inspection was performed. (\$1,000 (fee); 2018)</p>

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

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

Raw Water Intake (RWI) Structure Rehabilitation, Plaquemine, Iberville Parish, LA. Geotechnical engineering services for the construction of a replacement water pipeline and intake structure within the Intercoastal Water Way (IWW) near Highway 3066 (Bayou Road) in Iberville Parish, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 ft. bgs), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$17,300 (fee); 2020)

Bayou Sauvage Water Control Pipe Replacement, U.S. Wildlife & Fisheries, New Orleans, LA. Geotechnical investigation for drainage pipe replacement at 2 sites for the U. S. Fish and Wildlife in New Orleans, LA. New drainage pipes will be 6 feet in diameter. Drill 1 boring to 20 feet in depth at each site and perform laboratory testing and geotechnical engineering analyses consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, and general construction recommendations. (\$3,500 (fee); 2012)


Water Well (Town Center Parkway & I-10 Crossings), City of Slidell, LA. Geotechnical investigation for construction of new water system improvements near Town Center Parkway in Slidell, LA. Gulf South's scope includes drilling undisturbed soil borings (three at 50 ft.; one at 15 ft.), laboratory testing, and engineering analyses including net soil bearing values, below grade and pipeline foundation recommendations, pile load capacities for compression, tension, lateral cases, estimates of settlement, passive lateral earth pressures, modulus of soil reaction, soil resistivity values, bedding and backfill recommendations, rigid and/or flexible pavement design recommendations, special local soil conditions, and general construction procedures and recommendations. (\$9,900 (fee); 2018)

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

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

Mississippi River Discharge Pump Station, River Ridge, Jefferson Parish, LA. Gulf South provided geotechnical engineering services for the construction of a new pump station and force main discharge pipeline between Coventry Court and Lee Court in River Ridge. Scope includes drilling four undisturbed soil borings (one at 100 ft., one at 80 ft., and two at 30 ft.; all below ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$35,000 (fee); 2020)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Joseph H. “Trey” Binder, III Laboratory Manager	
Project Assignment:	
Laboratory Manager; Laboratory Technician	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. <small>Geotechnical & Materials Consultants</small> </div> </div>	
Years experience with this Firm:	
11 years with this firm (2011); 16 years total (2006)	
Education: Degree(s)/Year/Specialization:	
A.D., 2011, General Studies, Nunez Community College	
Active registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<div style="display: flex;"> <div style="flex: 1;"> <p>Mr. Binder has direct experience with field and laboratory testing services, and is NICET certified in multiple disciplines, including Construction Materials Testing Soils, Geotechnical Engineering Technologies Exploration, and Geotechnical Engineering Technologies Laboratory (Level I). Mr. Binder has HAZMAT Awareness and Operations Training.</p> <p>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>Water Well (Town Center Parkway & I-10 Crossings), City of Slidell, LA. Geotechnical investigation for construction of new water system improvements near Town Center Parkway in Slidell, LA. Gulf South’s scope includes drilling undisturbed soil borings (three at 50 ft.; one at 15 ft.), laboratory testing, and engineering analyses including net soil bearing values, below grade and pipeline foundation recommendations, pile load capacities for compression, tension, lateral cases, estimates of settlement, passive lateral earth pressures, modulus of soil reaction, soil resistivity values, bedding and backfill recommendations, rigid and/or flexible pavement design recommendations, special local soil conditions, and general construction procedures and recommendations. (\$9,900 (fee); 2018)</p> </div> <div style="flex: 0.5; border: 1px solid black; padding: 10px; margin-left: 10px;"> <ul style="list-style-type: none"> HAZMAT Awareness HAZMAT Operations Training ACI Aggregate Base Testing Technician </div> </div>	

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Joseph H. Binder, III (continued)

Raw Water Intake (RWI) Structure Rehabilitation, Plaquemine, Iberville Parish, LA. Geotechnical engineering services for the construction of a replacement water pipeline and intake structure within the Intercoastal Water Way (IWW) near Highway 3066 (Bayou Road) in Iberville Parish, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 ft. bgs), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$17,300 (fee); 2020)

NASA Michoud Assembly Facility – Soil Borings and CPT Probes, Michoud, Orleans Parish, LA. Gulf South executed a Soil Boring & Cone Penetration Test (CPT) Sounding investigation for environmental wells at NASA Michoud Assembly Facility (MAF) in Orleans Parish, LA. Scope includes drilling undisturbed soil borings (three at 24 ft.) and CPT Probes (five), lab testing, and results summary include soil boring logs, CPT logs, and lab test results. (\$19,000 (fee); 2019)

Entergy Water Sampling (Old Gentilly Road Site), New Orleans, LA. Gulf South sampled water from existing pipes and water source to building to determine if any contaminants were found. Water quality was tested for copper, lead, chlorine and total organic carbon. In addition to water sampling, mold inspection was performed. (\$1,000 (fee); 2018)


Canal Bank Stabilization, Wayne Avenue at West Bank Expressway, Jefferson Parish, LA. Geotechnical engineering analysis for a canal bank along Wayne Ave. at West Bank Expressway intersection in Bridge City, LA. Gulf South's scope includes geotechnical engineering analysis consisting of slope stability analysis, sheetpile design recommendations, and general construction recommendations. Gulf South was contracted by Jefferson Parish to provide geotechnical engineering expertise for ongoing stability issues along the canal bank. (\$5,000 (fee); 2015)

Bayou Sauvage Water Control Pipe Replacement, U.S. Wildlife & Fisheries, New Orleans, LA. Geotechnical investigation for drainage pipe replacement at 2 sites for the U. S. Fish and Wildlife in New Orleans, LA. New drainage pipes will be 6 feet in diameter. Drill 1 boring to 20 feet in depth at each site and perform laboratory testing and geotechnical engineering analyses consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, and general construction recommendations. (\$3,500 (fee); 2012)

N. Sibley Pump Station Improvements, Metairie, Jefferson Parish, LA. Gulf South provided construction materials testing for the project, located at the corner of N. Sibley Street and West Napoleon Avenue. Gulf South's scope of work includes soil density tests, concrete inspection and testing, pile driving, pile load tests monitoring, vibration monitoring, and earthwork testing. (\$20,000 (fee); 2021)

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
<p>Sara E. Lockwood, E.I. Graduate Geotechnical Engineer</p>	
Project Assignment:	
Graduate Geotechnical Engineer/Engineering Intern	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years experience with this Firm:	
3 years with this firm (2019); 5 years total (2017)	
Education: Degree(s)/Year/Specialization:	
<p>B.S., 2019, Civil Engineering, University of New Orleans B.S., 2016, Physics, Loyola University</p>	
Active registration: Year first registered/discipline:	
2020, Engineering Intern, Louisiana, No. EI.0034718	
Other experience and qualifications relevant to the proposed Project:	
<div style="display: flex;"> <div style="flex: 1;"> <p>Ms. Lockwood recently joined Gulf South Engineering and Testing and is serving as a Graduate Engineer, providing such duties as project management, geotechnical engineering analyses, and field & laboratory testing & inspection. Her coursework included such disciplines as foundation engineering, soil mechanics, geotechnical engineering, structural concrete & structural steel design, and sustainability principals. She worked as an intern during her college career for a local consulting group, assisting on a variety of environmental studies for infrastructure projects, and preparing regulatory permit applications, as well as preparation of various components of Louisiana DEQ and NEPA documents.</p> <p>Raw Water Intake (RWI) Structure Rehabilitation, Plaquemine, Iberville Parish, LA. Geotechnical engineering services for the construction of a replacement water pipeline and intake structure within the Intercostal Water Way (IWW) near Highway 3066 (Bayou Road) in Iberville Parish, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 ft. bgs), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$17,300 (fee); 2020)</p> <p>Lake Cataouatche Pump Station, Avondale, Jefferson Parish, LA. Geotechnical engineering services for the construction of a replacement Lake Cataouatche drainage pump station in Avondale, LA. Gulf South's scope includes drilling a single undisturbed soil boring (depth of 100 ft bgs), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$12,500 (fee); 2019)</p> </div> <div style="flex: 0.5; border: 1px solid black; padding: 5px; margin-left: 10px;"> <ul style="list-style-type: none"> Society of Women Engineers American Society of Civil Engineers </div> </div>	

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Sarah E. Lockwood (continued)

Mississippi River Discharge Pump Station, River Ridge, Jefferson Parish, LA. Gulf South provided geotechnical engineering services for the construction of a new pump station and force main discharge pipeline between Coventry Court and Lee Court in River Ridge. Scope includes drilling four undisturbed soil borings (one at 100 ft., one at 80 ft., and two at 30 ft.; all below ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$35,000 (fee); 2020)

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

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


Lift Station F-8-3 Replacement, Metairie, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new lift station to replace the existing Jefferson Parish lift station (LS F-8-3) station off West Esplanade Avenue (between Houma Boulevard and Hudson Street) in Metairie, LA. Gulf South's scope includes drilling a single undisturbed soil boring to a depth of 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$8,500 (fee); 2020)

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)

Verrett Canal Slope Instability Project, West Bank Drainage Department, Harvey, Jefferson Parish, LA. Geotechnical engineering services for the potential solution (i.e. retaining wall, etc.) for the surface movement at the top slope of Verrett Canal located at 89 Natchez Trace in Harvey, LA. Gulf South's scope includes drilling a single undisturbed soil boring (depth of 60 ft. bgs), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$5,000 (fee); 2020)

Airline Highway Backwater Protection Project, St. John the Baptist Parish, LA. Geotechnical engineering services for the construction of floodgates and a pump station at three sites (Blind River/Bayou Trainnasse/M2 Canal). Each site will have a floodgate, and a pump station will be installed in addition to the floodgate at Blind River in St. John Parish, LA. Gulf South's scope includes drilling eight undisturbed soil borings (six at 80 ft bgs, two at 100 ft bgs), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$55,000 (fee); 2020)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
<p>Christopher Boutwell Construction Materials Testing (CMT) Supervisor</p>	
Project Assignment:	
Construction Materials Testing (CMT) Supervisor	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> <p>ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants</p> </div> </div>	
Years experience with this Firm:	
10 years with this firm (2012); 13 years total (2009)	
Education: Degree(s)/Year/Specialization:	
<i>High School Diploma</i>	
Active registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<div style="display: flex;"> <div style="flex: 1;"> <p>Mr. Boutwell serves as a CMT Supervisor in Gulf South's Kenner, LA office. As a CMT Supervisor, Mr. Boutwell is responsible for scheduling technicians, technical training, resolving technical and personnel issues, equipment maintenance, preparing proposals, reviewing reports, and client interaction. Mr. Boutwell's construction monitoring experience includes nuclear density testing, concrete testing and inspection, asphalt inspection, earthwork testing and inspection, driven pile inspection, vibration monitoring, augercast pile inspection, and drilled shaft inspection. Mr. Boutwell is proficient in the following laboratory tests: soil and concrete compressive strength, moisture content, grain size sieve, organic content, Proctor compaction, lime/soil and soil/cement % determinations, density tests, and Atterberg limits.</p> <p>Mr. Boutwell has logged soil borings, performed pile load tests, floor flatness testing, anchor bolt pull out tests, obtained and secured samples from soil borings and borrow pits, and completed hand augers. Mr. Boutwell routinely operates Gulf South's pavement coring machines.</p> <p>Entergy Water Sampling (Old Gentilly Road Site), New Orleans, LA. Gulf South sampled water from existing pipes and water source to building to determine if any contaminants were found. Water quality was tested for copper, lead, chlorine and total organic carbon. In addition to water sampling, mold inspection was performed. (\$1,000 (fee); 2018)</p> </div> <div style="flex: 0.5; border: 1px solid black; padding: 5px; margin-left: 10px;"> <ul style="list-style-type: none"> ACI Concrete Field Testing – Grade I APNGA Nuclear Moisture/Density Gauge Training OSHA Safety Training – 8 hr. </div> </div>	

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Christopher Boutwell (continued)

N. Sibley Pump Station Improvements, Metairie, Jefferson Parish, LA. Gulf South provided construction materials testing for the project, located at the corner of N. Sibley Street and West Napoleon Avenue. Gulf South's scope of work includes soil density tests, concrete inspection and testing, pile driving, pile load tests monitoring, vibration monitoring, and earthwork testing. (\$20,000 (fee); 2021)

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

Lift Station F-8-3 Replacement, Metairie, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new lift station to replace the existing Jefferson Parish lift station (LS F-8-3) station off West Esplanade Avenue (between Houma Boulevard and Hudson Street) in Metairie, LA. Gulf South's scope includes drilling a single undisturbed soil boring to a depth of 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$8,500 (fee); 2020)

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


Citrus Road and Greg Court Subsurface Drainage Improvements, Jefferson Parish, LA. Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, and concrete testing and inspection. (\$20,000 (fee); 2019)

Trudeau Drive at Canal No. 5 Drainage Improvements, Metairie, Jefferson Parish, LA. Gulf South provided the materials testing and inspection during construction. Gulf South's scope of services included vibration monitoring, bedding and backfill testing, compaction/density tests, and concrete testing and inspection. (\$10,000 (fee); 2019)


Parish Line Drainage Pump Station Improvements – Phase I, City of Kenner, Jefferson Parish, LA. Gulf South performed field and laboratory testing during construction of a new pump station in Jefferson Parish, Louisiana. Scope of services consisted of vibration monitoring, timber pile inspection at the site and during installation, performance of a pile load test, earthwork, and concrete testing & inspection. (\$10,000 (fee); 2018)

Westgate Drainage Improvements, Metairie, Jefferson Parish, LA. Gulf South performed field and laboratory testing during construction of various drainage improvements. Scope included earthwork testing & inspection and concrete testing & inspection. (\$8,000 (fee); 2018)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="margin-bottom: 10px;">Ross L. White</div> <div>Soil Boring Driller</div> </div>	
Project Assignment:	
Soil Boring Driller	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years experience with this Firm:	
4 years with this firm (2018); 13 years total (2009)	
Education: Degree(s)/Year/Specialization:	
High School Diploma	
Active registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<div style="display: flex;"> <div style="flex: 1;"> <p>Mr. White is a soil boring driller with over a decade of experience as a soil boring driller and driller's helper, and has operated truck, track, and ATV mounted drilling rigs. In addition, he has performed soil borings over water on a barge and using barge drilling equipment. Mr. White is very familiar with the soils of Louisiana and Southeast Texas.</p> </div> <div style="flex: 1; border: 1px solid black; padding: 10px; margin-left: 10px;"> <ul style="list-style-type: none"> ISTC basic, Entergy PowerSafe CDL A Class Driver's License (exp 11/2024) </div> </div> <p>Water Well (Town Center Parkway & I-10 Crossings), City of Slidell, LA. Geotechnical investigation for construction of new water system improvements near Town Center Parkway in Slidell, LA. Gulf South's scope includes drilling undisturbed soil borings (three at 50 ft.; one at 15 ft.), laboratory testing, and engineering analyses including net soil bearing values, below grade and pipeline foundation recommendations, pile load capacities for compression, tension, lateral cases, estimates of settlement, passive lateral earth pressures, modulus of soil reaction, soil resistivity values, bedding and backfill recommendations, rigid and/or flexible pavement design recommendations, special local soil conditions, and general construction procedures and recommendations. (\$9,900 (fee); 2018)</p> <p>Lift Station F-13-6 Replacement, Marrero, Jefferson Parish, LA. Geotechnical investigation for construction of a new lift station replacing an existing one off Ehret Road and Broas Street in Marrero, LA. Scope includes drilling a single 80 ft. undisturbed soil boring, lab testing, and engineering analyses including below grade foundation recommendations, allowable pile load capacities, estimates of settlement, bedding and backfill recommendations, and general construction procedures and recommendations. (\$7,900 (fee); 2019)</p>	

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
<p>Wyatt M. Jones Field Supervisor; Drilling and Engineering Technician</p>	
Project Assignment:	
Field Supervisor; Drilling and Engineering Technician	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> <p>ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants</p> </div> </div>	
Years experience with this Firm:	
2 year with this firm (2020); 5 years total (2017)	
Education: Degree(s)/Year/Specialization:	
<i>Construction Management, Delgado College (ongoing)</i>	
Active registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<p>Mr. Jones serves as a Field Engineer with Gulf South Engineering and Testing, providing drilling and engineering support services on a variety of projects. His experience includes soil boring logging, field and site reconnaissance, and soil & concrete material testing. Mr. Jones' project responsibilities have included overseeing drilling operations, planning, and coordination of field tasks. He has served as a client liaison, assembled boring layout plans, and supervised drill crews onsite while classifying testable soil samples. In previous positions, Mr. Jones performed all duties of a CCRL accredited lab, including monitoring and coordinating calibrations for all lab and field equipment, performing various tests on concrete and soil specimens, recording and organizing test results. As a CCTV operator, he piloted a robotic operations system underground shooting video of sewer and utility lines; this included using sonar and GPS coordinates to pinpoint utility locations.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <ul style="list-style-type: none"> Entergy PowerSafe OSHA Safety Training – 8 hr. </div> <p>Mississippi River Discharge Pump Station, River Ridge, Jefferson Parish, LA. Gulf South provided geotechnical engineering services for the construction of a new pump station and force main discharge pipeline between Coventry Court and Lee Court in River Ridge. Scope includes drilling four undisturbed soil borings (one at 100 ft., one at 80 ft., and two at 30 ft.; all below ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$35,000 (fee); 2020)</p> <p>Sewer Lift Station at Mississippi Avenue & 21st Street, Metairie, Jefferson Parish, LA. Gulf South performed construction materials testing and inspection. Services included soil density tests, earthwork inspection and testing, backfill compaction testing, and concrete testing. (\$8,000 (fee); 2021)</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:	
Central Avenue Water Main Upgrade, Phase I (Central Ave. Between Airline Hwy. & Karen Ave.), Jefferson Parish, Louisiana Jefferson Parish c/o Principal Engineering, Inc. 1011 North Causeway Blvd, Suite 19 Mandeville LA 70471 Andre Monnot, P.E., 985-624-5001 andre@principal-engineering.com		Geotechnical investigation for the reconstruction of Central Avenue and the construction of a 12-in. dia. water main along Central Avenue. Scope included drilling four soil borings in the roadway to depths of 10 & 25 ft, lab testing (strength and classification), and geotechnical engineering analyses consisting of allowable soil bearing values, bedding & backfill recommendations, estimates of settlement, and general construction recommendations.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2014 March		N/A	\$5,000 (fee)

PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
Metairie Lawn and Ridgelake Drive Roadway & Utility Project, Metairie, Jefferson Parish, Louisiana Ardurra Group, Inc. 3012 26th Street Metairie LA 70002 Joe Becker, P.E., 504-454-3866 jbecker@ardurra.com		Geotechnical engineering services for construction of a new roadway paving and below grade drainage pipeline in Metairie, LA. Gulf South's scope includes drilling five (5) auger borings to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2021 January		N/A	\$8,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Raw Water Intake (RWI) Structure Rehabilitation , Plaquemine, Iberville Parish, Louisiana Pan American Engineers 1717 Jackson Street Alexandria LA 71301 Marcus J. Guillory, P.E. , 318-473-2100 marcus@paealex.com	Geotechnical engineering services for the construction of a replacement water pipeline and intake structure within the Intercoastal Water Way (IWW) near Highway 3066 (Bayou Road) in Iberville Parish, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 ft. bgs), laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 January	N/A	\$17,300 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Bayou Sauvage Water Control Pipe Replacement , U.S. Wildlife & Fisheries, New Orleans, Louisiana Johnson McAdams 340 Poplar View Lane East, Suite 4 Collierville TN 38017 Chip Johnson, P.E. , 901-861-4200 chipjohnson@bellsouth.net	Geotechnical investigation for drainage pipe replacement at 2 sites for the U. S. Fish and Wildlife in New Orleans, LA. New drainage pipes will be 6 feet in diameter. Drill 1 boring to 20 feet in depth at each site and perform laboratory testing and geotechnical engineering analyses consisting of allowable soil bearing values, bedding and backfill recommendations, estimates of settlement, and general construction recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012 July	N/A	\$3,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Water Well (Town Center Parkway & I-10 Crossings), City of Slidell, Louisiana</p> <p>City of Slidell Engineering Department Post Office Box 828 Slidell LA 70459</p> <p>Blaine Clancy, P.E., 985-646-6124 bclancy@cityofslidell.org</p>	<p>Geotechnical investigation for construction of new water system improvements near Town Center Parkway in Slidell, LA. Gulf South's scope includes drilling undisturbed soil borings (three at 50 ft.; one at 15 ft.), laboratory testing, and engineering analyses including net soil bearing values, below grade and pipeline foundation recommendations, pile load capacities for compression, tension, lateral cases, estimates of settlement, passive lateral earth pressures, modulus of soil reaction, soil resistivity values, bedding and backfill recommendations, rigid and/or flexible pavement design recommendations, special local soil conditions, and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 December	N/A	\$9,900 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Mississippi River Discharge Pump Station, River Ridge, Jefferson Parish, Louisiana</p> <p>ECM Consultants, Inc. 1201 Clearview Parkway Suite 200 Metairie LA 70001</p> <p>Sunina Shrestha, P.E., 504-885-4080 sshrestha@ecmconsultants.com</p>	<p>Gulf South provided geotechnical engineering services for the construction of a new pump station and force main discharge pipeline between Coventry Court and Lee Court in River Ridge. Scope includes drilling four undisturbed soil borings (one at 100 ft., one at 80 ft., and two at 30 ft.; all below ground surface), laboratory testing, engineering analyses (soil bearing values, pile load capacities, settlement estimates, retaining structure recommendations, slope stability analyses) and general construction procedures and recommendations. Pump station was located on flood side of the Mississippi River levee with discharge pipes crossing levee to the protected side.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 September	N/A	\$35,000 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Lake Cataouatche Drainage Pump Station Replacement (Chighizola Lane), Grand Isle, Jefferson Parish, Louisiana Principal Engineering, Inc. 1011 N Causeway Blvd Ste 19 Mandeville LA 70471 André C. Monnot, P.E., 985-624-5001 andre@pi.aec.com	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 (soil bearing values, pile load capacities, settlement estimates, retaining structure recommendations, slope stability 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.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 May	N/A	\$7,500 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Lift Station F-8-3 Replacement, Metairie, Jefferson Parish, Louisiana Richard C. Lambert Consultants, LLC 900 West Causeway Approach Mandeville LA 70471 Franz J. Zemmer, 985-727-4449 fzemmer@rclconsultants.com	Geotechnical engineering services for the construction of a new lift station to replace the existing Jefferson Parish lift station (LS F-8-3) station off West Esplanade Avenue (between Houma Boulevard and Hudson Street) in Metairie, LA. Gulf South's scope includes drilling a single undisturbed soil boring to a depth of 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 March	N/A	\$8,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Drainage Infrastructure Improvements, South Avondale Subdivision , Avondale, Jefferson Parish, Louisiana Jefferson Parish c/o Phoenix Global Construction 2901 Independence St Ste 103 Metairie LA 70006 Jack Lo , 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:
2018 January	N/A	\$7,000 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
St. Bernard Water Treatment Plant (WTP) New Pump Station Cofferdam , Chalmette, St. Bernard Parish, Louisiana St. Bernard Parish c/o Principal Engineering, Inc. 1011 N Causeway Boulevard, Ste 19 Mandeville LA 70471 Andre Monnot, P.E. , 985-624-5001 andre@principal-engineering.com	Geotechnical engineering analyses for a cofferdam for a new pump station within St. Bernard WTP in Chalmette, LA. Cofferdam approximately 20 feet deep, 48.5 ft by 40.5 ft. Engineering analyses consisted of sheetpile wall parameters (tip depth, moment) where minimal bracing is utilized.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	N/A	\$3,500 (fee)

TEC Professional Services Questionnaire

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

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

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



CRITERIA 1 • PROFESSIONAL TRAINING AND RELATED EXPERIENCE

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

Gulf South is a woman-owned, Hudson Initiative-certified & Regional Transit Authority-recognized small business in Louisiana. Our laboratory is AASHTO and CCRL certified and USACE validated.

TEC Professional Services Questionnaire

N. continued.

Geotechnical Engineering Services

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

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

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

Field Investigation Services

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

Laboratory Testing Services

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

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

Construction Materials Testing & Inspection

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

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

TEC Professional Services Questionnaire

N. continued.

- Soil testing (field and laboratory)
- Asphalt testing
- Pile (driven & augercast) and shaft installation monitoring
- Load tests
- Earthwork/proof roll inspection
- Welding inspection
- Steel inspection
- Noise monitoring

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

CRITERIA 2 • CAPACITY FOR TIMELY COMPLETION OF NEWLY-ASSIGNED WORK

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

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

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

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

CRITERIA 3 • LOCATION OF PRINCIPAL OFFICE

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

CRITERIA 4 • ADVERSARIAL LEGAL PROCEEDINGS WITH PARISH

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

CRITERIA 5 • PRIOR SUCCESSFUL COMPLETION OF PROJECTS

The Principals and key employees of Gulf South have many years of applicable experience in working for and with Government Agencies and private industry. We are proud that a majority of its work is from repeat clients—we complete our projects on-time and within budget. **Multiple examples of this work are included throughout this form in both the Personnel Résumés section (Item K) and Representative Project Work (Item L).**

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

TEC Professional Services Questionnaire

N. continued.

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

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

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

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

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

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

CRITERIA 6 • SIZE OF FIRM

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

CRITERIA 7 • PAST PERFORMANCE ON PARISH CONTRACTS

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

- *Improvements to Sewer Lift Station No. 48-3, Metairie, Jefferson Parish, LA*
- *New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, LA*
- *Metairie Lawn and Ridgelake Drive Roadway & Utility Project, Metairie, Jefferson Parish, LA*
- *N. Sibley Drainage Improvements (N. Sibley at W. Napoleon), Metairie, Jefferson Parish, LA*
- *Sewer Lift Station at Mississippi Avenue & 21st Street, Metairie, Jefferson Parish, LA*
- *Jefferson Parish Fire Department – Garage (River Road), Bridge City, Jefferson Parish, LA*
- *Jefferson Parish Dept. of Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA*
- *New Charter School, Behrman Highway, Terrytown, Jefferson Parish, LA*
- *Jefferson Parish Library Renovations (2350 Metairie Road), Metairie, Jefferson Parish, LA*
- *Clancy-Maggiore Elementary School – New Art and Band Wing, Kenner, Jefferson Parish, LA*
- *Johnny Bright Playground Gymnasium HVAC Installation, Metairie, Jefferson Parish, LA*
- *Kennedy Heights Playground Gymnasium HVAC Renovation, Avondale, Jefferson Parish, LA*
- *Trudeau Drive at Canal No. 5 Drainage Improvements, Metairie, Jefferson Parish, LA*
- *Earhart Expressway (Clearview Parkway to Central Avenue) Lighting Improvements, Jefferson Parish, LA*
- *West Esplanade Avenue Restoration (Tartan Drive to Haring Road), Metairie, Jefferson Parish, LA*
- *Citrus Road and Greg Court Subsurface Drainage Improvements, Jefferson Parish, LA*
- *Improvements to Sewer Lift Station M-11-3 & Force Main, Marrero, Jefferson Parish, LA*
- *Westgate Drainage Improvements, Metairie, Jefferson Parish, LA*
- *Bike Path Soil Borings, Jefferson Highway to Northline Street, Jefferson Parish, LA*
- *Green Acres Road - New Street Lighting, Metairie, Jefferson Parish, LA*
- *New Lift Station (Elmwood Park Blvd. & Citrus Blvd.), Metairie, Jefferson Parish, LA*
- *New Sewer Lift Station (Butler Drive & Grambling Street), Waggaman, Jefferson Parish, LA*
- *Drainage Infrastructure Improvements, South Avondale Subdivision, Avondale, Jefferson Parish, LA*

TEC Professional Services Questionnaire

N. continued.

- Parish Line Drainage Pump Station Improvements - Phase I, City of Kenner, Jefferson Parish, LA
- Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA
- New Sewer Lift Station (Melrose Lane & Walker Road), River Ridge, Jefferson Parish, LA
- Drainage Improvements, Citrus Road & Greg Court, Metairie, Jefferson Parish, LA
- New Sewer Force Main Installation (Midway & Wildwood to Lift Station E3-1), Jefferson Parish, LA
- St. Peter's Ditch - Phase IV (Pump Station at Clearview), Metairie, Jefferson Parish, LA
- Waggaman Subsurface Drainage Improvements, Waggaman, Jefferson Parish, LA
- Lift Station Replacement - N. Pierce Avenue & Versailles Street, Metairie, Jefferson Parish, LA
- Marsh Island Restoration Project, Lafreniere Park, Metairie, Jefferson Parish, LA
- Lift Station Replacement - Mississippi Avenue at 21st Street, Metairie, Jefferson Parish, LA
- Kawanee at Olympic Lift Station, Metairie, Jefferson Parish, LA
- Clearview Parkway Drainage Project, Metairie, Jefferson Parish, LA
- Submerged Roads Program - Multiple Phases, Metairie, Jefferson Parish, LA
- St. Peter's Ditch (4700 W. Metairie Ave.), Metairie, Jefferson Parish, LA
- Engineering Analysis Review (EAR) - Lafitte Tidal Protection Project (Phase I), Lafitte, Jefferson Parish, LA
- David Drive Drainage Improvements (West Esplanade Avenue to Bruin Drive), Jefferson Parish, LA
- Marrero WWTP New Administration Building and Safe Room, Marrero, Jefferson Parish, LA
- New Sewer Lift Station, Mississippi Ave. and Fulton St., Metairie, Jefferson Parish, LA
- Trudeau Drive Drainage Improvements at West Metairie Canal, Metairie, Jefferson Parish, LA
- Canal Bank Stabilization, Wayne Avenue at West Bank Expressway, Jefferson Parish, LA

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

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

Signature: _____

Print Name: Chad M. Poché, P.E.

Title: Vice President

Date: March 10, 2022

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

Name:

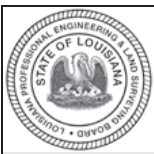
Gulf South Engineering and Testing, Inc.

Public Address:

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

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0004626	Active	07/27/2010	03/31/2023	Mr. Chad Mitchell Poche # PE.0027667 - Active



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

Mr. Chad Mitchell Poche

License/Certificate Type - Number

PE.0027667

Expiration Date

09/30/2022

Status: **Active**



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

Mr. Blake Elliot Vutera

License/Certificate Type - Number

PE.0038607

Expiration Date

09/30/2022

Status: **Active**



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

Ms. Sara Elinor Lockwood

License/Certificate Type - Number

EI.0034718

Expiration Date

03/31/2023

Status: **Active**



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

Mr. Ralph P. Fontcuberta Jr.

License/Certificate Type - Number

PLS.0004329

Expiration Date

09/30/2022

Status: **Active**



GULF SOUTH

ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

Gulf South Engineering and Testing, Inc.

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

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

Certification No. 11011

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

Stephanie Hartman,
Director, Entrepreneurial Services



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



July 1, 2021

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

Dear Ms. Poche:

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

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

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

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

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Adonis C. Expose", is written over a light blue circular stamp.

Adonis C. Expose
DBE/SBE Liaison Officer III





CERTIFICATE OF ACCREDITATION



Gulf South Engineering and Testing, Inc.


in

Kenner, Louisiana, USA

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

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).


Jim Tymon,
AASHTO Executive Director


Moe Jamshidi,
AASHTO COMP Chair

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



**USACE CERTIFICATE
OF
LABORATORY VALIDATION**



Gulf South Engineering and Testing

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

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

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

02 JUN 2020 AT 18:10 HOURS

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

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

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

SOILS

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



GULF SOUTH

ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants