

STATEMENT OF QUALIFICATIONS  
TO PROVIDE PROFESSIONAL ARCHITECTURAL  
AND ENGINEERING SERVICES FOR  
ARCHITECTURAL TYPE PROJECTS  
IN JEFFERSON PARISH  
RESOLUTION NO. 139630

SOQ NO. 22-026



JUNE 10, 2022

Prepared By:



PROFESSIONAL  
ENGINEERING AND  
ENVIRONMENTAL  
CONSULTANTS, INC.

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ENGINEERS, PLANNERS AND ENVIRONMENTAL CONSULTANTS  
1065 Muller Parkway, Suite B, Westwego, LA 70094



**PROFESSIONAL  
ENGINEERING AND  
ENVIRONMENTAL  
CONSULTANTS, INC.**

**ENGINEERS, PLANNERS AND ENVIRONMENTAL CONSULTANTS**

June 10, 2022

Jefferson Parish Purchasing Department  
C/O Ms. Melissa Ovalle, Buyer  
Joseph S. Yenni Building  
200 Derbigny Street, Suite 4400  
Gretna, LA 70053

**RE: PROFESSIONAL ARCHITECTURAL AND  
ENGINEERING SERVICES FOR ARCHITECTURAL  
TYPE PROJECTS (RESOLUTION NO. 139630, SOQ NO. 22-026)**

Dear Ms. Ovalle,

It is our pleasure to submit this response to Jefferson Parish Council's Request for Qualifications for Professional Architectural and Engineering Services for architectural type projects in Jefferson Parish. Our firm has extensive experience in all engineering disciplines and environmental compliance. Our services include providing professional engineering, project administration, permitting, construction management, and resident inspection. As such, our firm is very knowledgeable with preparation of budget estimates, engineering specifications and bid packages. We believe our expertise and proven track record of completing engineering projects on time and within budget will make us a strong candidate and valuable resource as one of the firms selected for this contract. In addition, PEEC's familiarity with Jefferson Parish and the proximity of our office makes PEEC a prime candidate to provide the Engineering Services for any water related projects.

PEEC is a consulting engineering firm capable of providing engineering services for Capital Improvements, CDBG, FEMA, GOHSEP, and other State and Federal funded projects. Our firm has consistently provided state of the art solutions to complex problems facing municipalities and local government bodies. PEEC's innovative approach to problem solving has proven to be economically beneficial to its clients. Such technical ideas have been used for clients such as Jefferson Parish, Town of Grand Isle, St. Tammany Parish, City of Westwego, Grand Isle Independent Levee District, West Jefferson Levee District, Louisiana Department of Natural Resources, City of Morgan City, Texas Parks and Wildlife, Plaquemines Parish, St. Bernard Parish, St. Charles Parish, St. James Parish, Lafourche Parish, St. Martin Parish, the Town of Zwolle and numerous other private clients in the past.

We look forward to working with the Council on future projects. If you have any questions regarding our firm, please contact our office at (504) 347-1900.

Sincerely,

Mo Saleh, M.S., P.E.,  
Principal

## **TABLE OF CONTENTS**

- I. Letter of Interest
- II. PEEC, Inc. – Statement of Qualifications
- III. Jefferson Parish TEC Professional Services Questionnaire  
(PEEC, Inc.)
- IV. Jefferson Parish TEC Professional Services Questionnaire  
(Marrero, Couvillon & Associates, LLC)
- V. Jefferson Parish TEC Professional Services Questionnaire  
(BFM Corporation. LLC)
- VI. Jefferson Parish TEC Professional Services Questionnaire  
(Gulf South Engineering & Testing, Inc.)

## **STATEMENT OF QUALIFICATIONS**

Professional Engineering and Environmental Consultants, Inc. (PEEC), is a registered professional engineering firm in Louisiana and Texas. PEEC has more than adequately qualified personnel, state-of-the-art equipment and the latest computer systems and software. Our office has convenient access to the southeast Louisiana area and vicinity. Our overall experience with civil and environmental engineering projects, planning, design, construction management, and construction supervision makes PEEC a qualified firm for south Louisiana engineering projects.

PEEC offers its clients a wide array of professional engineering services coupled with exceptional knowledge and experience in the fields of Civil, Mechanical, Electrical and Structural Engineering, including permitting, construction monitoring, and administration.

PEEC is staffed by personnel who have demonstrated skills and experience in the field of drainage and civil engineering including hydraulic modeling. The firm is also structured to provide all aspects of related engineering disciplines such as environmental permitting and site assessment. PEEC clients enjoy our professionalism and team work that leads to successful completion of projects from start to finish. PEEC recognizes the need for timely completion of projects and has proved itself capable of doing so in the past. Our personnel's qualifications cover the areas of engineering and scientific specialties, such as Civil, Environmental, Mechanical and Electrical Engineering; Geology, Hydrology, Hydrogeology, Ecology, Biology, Architectural, and Wetland Delineations.

PEEC is also staffed with personnel capable of providing excellent services in the fields of computer modeling, construction inspection and management, plan and specification preparation, and project administration. Our construction management group is prepared to provide professional services that include system monitoring, construction supervision and inspection.

Each member of our design team has a variety of work experience that enhances the group's ability to provide the diversified but inter-related expertise necessary to effectively expedite a project through its final construction and utilization.

Successful planning and completion of projects in locations such as Jefferson Parish, St. Martin Parish, Lafourche Parish, Plaquemines Parish, St. Charles Parish, Terrebonne Parish, and Cameron Parish have proven PEEC's ability in successfully handling complex projects.

For these reasons as well as the firm's experience and understanding the nature of the problems confronting Jefferson Parish, Professional Engineering and Environmental Consultants, Inc. is the firm that can provide Civil and Structural engineering services to the Council for any awarded projects.

**Jefferson Parish TEC  
Professional Services Questionnaire**

**For**

**PEEC, Inc.**

## TEC Professional Services Questionnaire

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

Professional Architectural and Engineering Services for Architectural Type Projects in Jefferson Parish  
Resolution No. 139630

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

Professional Engineering and Environmental Consultants, Inc.  
1065 Muller Parkway Suite B  
Westwego, LA 70094

### **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:**

Mo Saleh, M.S., P.E.  
Principal  
(504) 347-1900  
[mo@peecinc.com](mailto:mo@peecinc.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.**

Mo Saleh, M.S., P.E.  
Principal  
(504) 347-1900  
[mo@peecinc.com](mailto:mo@peecinc.com)

LA P.E. No. 23806    1990, Civil Engineering  
LA P.E. No. 23806    1994, Environmental Engineering

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

<u>  2  </u> Administrative	<u>  1  </u> Estimators	<u>    </u> Specification Writers
<u>    </u> Architects (Licensed)	<u>    </u> Geologists	<u>    </u> Structural Engineers
<u>    </u> Chemical Engineers	<u>    </u> Geotechnical Engineers	<u>    </u> Graduate Engineers
<u>  3  </u> Civil Engineers	<u>    </u> Interior Designers	<u>  1  </u> Project Managers
<u>  1  </u> Construction Inspectors	<u>    </u> Landscape Architects	<u>    </u> Clerical
<u>    </u> Ecologists	<u>    </u> Land Surveyor	<u>    </u> Grant/Funding Specialist
<u>  1  </u> Electrical Engineers	<u>    </u> Mechanical Engineers	<u>    </u> Sanitary Engineers
<u>    </u> Engineer Intern	<u>    </u> Environmental Engineers	
<u>  1  </u> Professional Land Surveyors		<b><u>10</u> TOTAL</b>

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

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

## TEC Professional Services Questionnaire

### Mechanical, Electrical, Plumbing and Piping Design

**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: N / A**  
YES \_\_\_\_\_ NO \_\_\_\_\_

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

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. Marrero, Couvillon & Associates, LLC 3525 Hessmer Avenue, Suite 304 Metairie, LA 70002	Electrical and Mechanical Engineering Design	Yes
2. BFM Corporation, LLC 15 Veterans Memorial Blvd. Kenner, LA 70062	Professional Land Surveying	Yes
3. Gulf South Engineering and Testing, Inc. 15 Veterans Memorial Blvd. Kenner, LA 70062	Geotechnical Engineering and Analysis	Yes

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

    (1)

## **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:**

Mo Saleh, M.S., P.E., Principal

**Project Assignment:**

Senior Project Engineer; Civil Engineer

**Name of Firm with which associated:**

Professional Engineering and Environmental Consultants, Inc.

**Years' experience with this Firm:**

29

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

M.S., Civil Engineering (1984), University of New Orleans; B.S., Civil Engineering (1980), University of New Orleans

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

Registered Professional Civil Engineer, LA P.E. No.23806; Registered Professional Environmental Engineer, LA P.E. No. 23806; Registered Professional Civil Engineer, FL P.E. No. 42728; Registered Professional Engineer, TX P.E. No. 86026; 40 Hour Hazmat Technician, Levels A, B, C, D, SCBA, SAR, APR, Certificate No. 1007; 8 Hour Hazmat Supervisor, Certificate No. 1012; Underground Storage Tank (UST) Removal Certification.

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

As a Senior Project Engineer, he has performed Civil and Structural engineering services on numerous projects, including office buildings, and municipal and recreational facilities. His responsibilities have included:, field investigations, initial and final design, preparation of specifications, construction management, cost analysis, project coordination, preparation of operation of maintenance manuals, and regulatory negotiations for obtaining the required permits. Mr. Saleh will assume the role of Senior Project Engineer and oversee all aspects of any awarded projects.

At Professional Engineering and Environmental Consultants, Inc., Mr. Saleh's engineering services include providing technical expertise and assistance to many local municipalities and parishes including: City of Westwego, City of Morgan City, Town of Grand Isle, Town of Zwolle, City of Gretna, Grand Isle Independent Levee District, West Jefferson Levee District, Grand Isle Port Commission, Jefferson Parish, Plaquemines Parish, St. Charles Parish, St. Bernard Parish, and St. Tammany Parish.



## **TEC Professional Services Questionnaire**

### **Design of 1.5 MGD Compact Clarification System for Patterson Water Treatment Plant**

Construction of a new 1.5 MGD compact clarification water treatment plant including filter system, clear well, intake structure, finish water pump system, telemetry system, offices for operators and plant superintendent, chemical storage facility, raw water intake screen, steel sheet pile wall protecting the bank at water's edge, and associated items of work. The building will be a pile supported, steel frame structure with concrete block walls. PEEC was responsible for the complete design of the plant including final plans, technical specifications, permit approvals, start-up, and assistance with bidding and construction administration phase of the project. Mr. Saleh was the Senior Project Engineer responsible for the engineering design of the water treatment plant, performing associated computer analysis of water transmission and distribution system, environmental permitting, environmental impact assessment, funding, construction inspection and construction management.

### **St. Tammany Parish Government Complex**

PEEC designed and managed the construction of this building to be utilized as the main facility for St. Tammany Parish Government and use by other governmental entities including the Department of Health and Hospitals and Southeastern Louisiana University. PEEC was responsible for the architectural and engineering design, construction management, permitting, and construction inspection of this three- story 60,000 sq. ft. office building. Mr. Saleh was the Senior Project Engineer responsible for the design of the project and construction management which included: applying for permits, coordinating pre-bid conference, tallying bids, and preparation of the drawings and specifications.

### **Lafitte Library Conversion to the Police Station**

The existing Library at the Town of Lafitte was damaged during Hurricane Katrina and the Parish decided to convert the existing library into a Police Station and construct a new library for the Town of Lafitte. PEEC obtained all necessary data and permits for this project prior to start of construction. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection. Mr. Saleh was the Senior Project Engineer responsible for the design of the project and construction management which included: applying for permits, coordinating pre-bid conference, tallying bids, and preparation of the drawings and specifications.

### **Installation of New Buras Water Tower**

The Buras community was devastated due to Hurricane Katrina and the only water tower in that community collapsed during the early hours of the storm. PEEC was directed to design the new water tower and its foundation to withstand the 200MPH wind velocity for future storms. The project was the first infrastructure that was constructed after the Hurricane Katrina, allowing the water supply and the water pressure to get to normal condition. Mr. Saleh was the Senior Project Engineer for this project responsible for the cost analysis and alternative analysis, construction management, and permitting process.

### **Design and Construction of the Command and Control Center for St. Tammany Parish Government**

PEEC, Inc. was fully responsible for the engineering and related services, and construction management of the St. Tammany Hurricane Protection Maintenance Facility built after Hurricane Katrina. Our firm was responsible for preliminary design, final design, preparation of plans and specifications, project management, project inspection and project close-out. Mr. Saleh was the Senior Project Engineer responsible for the design of the project and construction management which included: applying for permits, coordinating pre-bid conference, tallying bids, and preparation of the drawings and specifications.

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Ronald A. Guidry, President
<b>Project Assignment:</b>
Quality Control Manager
<b>Name of Firm with which associated:</b>
Professional Engineering and Environmental Consultants, Inc.
<b>Years' experience with this Firm:</b>
29
<b>Education: Degree(s)/Year/Specialization:</b>
Associate of Science, Drafting Eng. Technology, Delgado College, 1968
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Guidry has been an officer of Professional Engineering and Environmental Consultants, Inc. for over (29) years and has over (45) years of experience in construction supervision and monitoring, instrumentation, drafting, architectural design, and planning. His education and construction background provides the company with great versatility in quality control and assurance for the various projects. Mr. Guidry will assume the role of Quality Control Manager regarding any awarded projects.</p> <p><b>St. Tammany Parish Government Complex</b>  PEEC designed and managed the construction of this building to be utilized as the main facility for St. Tammany Parish Government and use by other governmental entities including the Department of Health and Hospitals and Southeastern Louisiana University. PEEC was responsible for the architectural and engineering design, construction management, permitting, and construction inspection of this three- story 60,000 sq. ft. office building. Mr. Guidry was responsible for Quality Control and Assurance, and construction administration which included: review of shop drawings and contractor submittals, calculating quantities, approving contractor invoices, and coordinating the final inspection.</p> <p><b>Lafitte Library Conversion to the Police Station</b>  The existing Library at the Town of Lafitte was damaged during Hurricane Katrina and the Parish decided to convert the existing library into a Police Station and construct a new library for the Town of Lafitte. PEEC obtained all necessary data and permits for this project prior to start of construction. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection. Mr. Guidry was responsible for Quality Control and Assurance, and construction administration which included: approving contractor invoices, compiling the inspection reports, and assisting the project managers with the permits, drawings, and specifications.</p> <p><b>Design and Construction of the Command and Control Center for St. Tammany Parish Government</b>  PEEC, Inc. was fully responsible for the engineering and related services, and construction management of the St. Tammany Hurricane Protection Maintenance Facility built after Hurricane Katrina. Our firm was responsible for preliminary design, final design, preparation of plans and specifications, project management, project inspection and project close-out. Mr. Guidry was responsible for Quality Control and Assurance, and construction administration which included: approving contractor invoices, compiling the inspection reports, and assisting the project managers with the permits, drawings, and specifications.</p>

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Delmar R. Caldwell, P.E.
<b>Project Assignment:</b>
Civil Engineer
<b>Name of Firm with which associated:</b>
Professional Engineering and Environmental Consultants, Inc.
<b>Years' experience with this Firm:</b>
29
<b>Education: Degree(s)/Year/Specialization:</b>
B.S., Civil Engineering, Tulane University, 1982
<b>Active registration: Year first registered/discipline:</b>
Registered Professional Civil Engineer, LA P.E. No. 23127; Registered Professional Environmental Engineer, LA P.E. No. 23127; Registered Professional Civil Engineer, MS P.E. No. 10847; Hazardous Waste Contractor, LA No. 26898; LA DEQ Underground Storage Tank Worker Certificate No. IRC-0539.
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Caldwell is a registered Civil Engineer with more than (30) years of experience in civil and environmental engineering projects. His experience is broad based and includes: office administration and management, construction administration and supervision for major municipal programs. His technical background includes GIS development and implementation, water and wastewater planning and design, permitting, hydraulic and hydrologic analyses and study. Mr. Caldwell will assume the role of Civil Engineer for any awarded projects.</p> <p><b>St. Tammany Parish Government Complex</b> PEEC designed and managed the construction of this building to be utilized as the main facility for St. Tammany Parish Government and use by other governmental entities including the Department of Health and Hospitals and Southeastern Louisiana University. PEEC was responsible for the architectural and engineering design, construction management, permitting, and construction inspection of this three- story 60,000 sq. ft. office building. Mr. Caldwell was responsible for the cost analysis, project coordination, mechanical and structural design, and preparation of the specifications.</p> <p><b>Lafitte Library Conversion to the Police Station</b> The existing Library at the Town of Lafitte was damaged during Hurricane Katrina and the Parish decided to convert the existing library into a Police Station and construct a new library for the Town of Lafitte. PEEC obtained all necessary data and permits for this project prior to start of construction. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection. Mr. Caldwell was responsible for the cost analysis, project coordination, mechanical and structural design, and preparation of the specifications.</p> <p><b>Design and Construction of the Command and Control Center for St. Tammany Parish Government</b> PEEC, Inc. was fully responsible for the engineering and related services, and construction management of the St. Tammany Hurricane Protection Maintenance Facility built after Hurricane Katrina. Our firm was responsible for preliminary design, final design, preparation of plans and specifications, project management, project inspection and project close-out. Mr. Caldwell's responsibilities included construction administration, topographical surveying, hydraulic modeling, cost analysis, and alternative analysis.</p>

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Wes Faulkner, P.E.
<b>Project Assignment:</b>
Electrical Engineer
<b>Name of Firm with which associated:</b>
Professional Engineering and Environmental Consultants, Inc.
<b>Years' experience with this Firm:</b>
17
<b>Education: Degree(s)/Year/Specialization:</b>
B.S., 1964, Electrical Engineering, Louisiana State University
<b>Active registration: Year first registered/discipline:</b>
1966, Electrical Engineering, Louisiana No. 10110
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Faulkner has over 35 years of experience designing lighting, power and control systems for commercial and industrial facilities. Past project facilities include water and wastewater treatment plants, pump stations, lift stations, hospitals, office buildings, and schools. Mr. Faulkner is also experienced in preparing contract documents, plans and specifications, cost estimates, and providing construction management. Mr. Faulkner joined the team of Professional Engineering and Environmental Consultants, Inc. in 2005 as the Electrical and Mechanical Engineer and has been responsible for the Mechanical, Electrical, Piping &amp; Plumbing design of several Jefferson Parish government and also Jefferson Parish School board projects. Mr. Faulkner will assume the role of Electrical Engineer for any awarded projects.</p> <p><b>Design of 1.5 MGD Compact Clarification System for Patterson Water Treatment Plant</b>  Construction of a new 1.5 MGD compact clarification water treatment plant including filter system, clear well, intake structure, finish water pump system, telemetry system, offices for operators and plant superintendent, chemical storage facility, raw water intake screen, steel sheet pile wall protecting the bank at water's edge, and associated items of work. The building will be a pile supported, steel frame structure with concrete block walls. PEEC was responsible for the complete design of the plant including final plans, technical specifications, permit approvals, start-up, and assistance with bidding and construction administration phase of the project. Mr. Faulkner was responsible for electrical systems, electrical specifications, automatic transfer switches, diesel generator sets, and cost analysis.</p> <p><b>Lafitte Library Conversion to the Police Station</b>  The existing Library at the Town of Lafitte was damaged during Hurricane Katrina and the Parish decided to convert the existing library into a Police Station and construct a new library for the Town of Lafitte. PEEC obtained all necessary data and permits for this project prior to start of construction. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection. Mr. Faulkner was responsible for electrical systems, electrical specifications, automatic transfer switches, diesel generator sets, and cost analysis.</p>



## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Al Almassi
<b>Project Assignment:</b>
Hydraulic Engineer
<b>Name of Firm with which associated:</b>
Professional Engineering and Environmental Consultants, Inc.
<b>Years' experience with this Firm:</b>
26
<b>Education: Degree(s)/Year/Specialization:</b>
B.S., Civil Engineering, University of New Orleans, 1983
<b>Active registration: Year first registered/discipline:</b>
P.E. Texas
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Almassi is a Civil Engineer with over (30) years of experience in various aspects of the civil and environmental engineering fields. His experience includes: hydraulic analysis, environmental permitting, hydrologic study, topographic survey, creating plans and specifications, and construction administration. Mr. Almassi will assume the role of Civil Engineer for any awarded projects.</p> <p><b>Lafitte Library Conversion to the Police Station</b>  The existing Library at the Town of Lafitte was damaged during Hurricane Katrina and the Parish decided to convert the existing library into a Police Station and construct a new library for the Town of Lafitte. PEEC obtained all necessary data and permits for this project prior to start of construction. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection. Mr. Almassi was responsible for construction administration which included: the hydraulic calculations, review of shop drawings and contractor submittals, calculating quantities, and coordinating the final inspection.</p> <p><b>Installation of New Buras Water Tower</b>  The Buras community was devastated due to Hurricane Katrina and the only water tower in that community collapsed during the early hours of the storm. PEEC was directed to design the new water tower and its foundation to withstand the 200MPH wind velocity for future storms. The project was the first infrastructure that was constructed after the Hurricane Katrina, allowing the water supply and the water pressure to get to normal condition. Mr. Almassi was responsible for review of shop drawings and contractor submittals, calculating quantities, and coordinating the final inspection.</p> <p><b>Design and Construction of the Command and Control Center for St. Tammany Parish Government</b>  PEEC, Inc. was fully responsible for the engineering and related services, and construction management of the St. Tammany Hurricane Protection Maintenance Facility built after Hurricane Katrina. Our firm was responsible for preliminary design, final design, preparation of plans and specifications, project management, project inspection and project close-out. Mr. Almassi was responsible for construction administration which included: the hydraulic calculations, review of shop drawings and contractor submittals, calculating quantities, and coordinating the final inspection.</p>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Jeff Meyers
<b>Project Assignment:</b>
Project Manager
<b>Name of Firm with which associated:</b>
Professional Engineering and Environmental Consultants, Inc.
<b>Years' experience with this Firm:</b>
17
<b>Education: Degree(s)/Year/Specialization:</b>
Associates in Drafting and Design, Southeastern Louisiana University, 1999
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Meyers has been the Project Manager and Designer for several Civil and Structural engineering projects with PEEC. His responsibilities include managing the design team, coordination with the client, coordination and design of the project including data conversion, computer mapping, field investigation, and the historical review of the site; supervision of the construction phase, preparation of the specifications, cost analysis, and preparation of operation and maintenance manuals, and regulatory negotiations for obtaining the required permits. Mr. Meyers will assume the role of Project Manager for any awarded projects.</p> <p><b>Design of 1.5 MGD Compact Clarification System for Patterson Water Treatment Plant</b>  Construction of a new 1.5 MGD compact clarification water treatment plant including filter system, clear well, intake structure, finish water pump system, telemetry system, offices for operators and plant superintendent, chemical storage facility, raw water intake screen, steel sheet pile wall protecting the bank at water's edge, and associated items of work. The building will be a pile supported, steel frame structure with concrete block walls. PEEC was responsible for the complete design of the plant including final plans, technical specifications, permit approvals, start-up, and assistance with bidding and construction administration phase of the project. Mr. Meyers was responsible for the topographical surveying, cost analysis, coordination and design of the project including data conversion, computer mapping, and field investigation.</p> <p><b>Lafitte Library Conversion to the Police Station</b>  The existing Library at the Town of Lafitte was damaged during Hurricane Katrina and the Parish decided to convert the existing library into a Police Station and construct a new library for the Town of Lafitte. PEEC obtained all necessary data and permits for this project prior to start of construction. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection. Mr. Meyers was responsible for the topographical surveying, cost analysis, coordination and design of the project including data conversion, computer mapping, and field investigation.</p>

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
James Blanchard
<b>Project Assignment:</b>
Project Administrator/Environmental Compliance
<b>Name of Firm with which associated:</b>
Professional Engineering and Environmental Consultants, Inc.
<b>Years' experience with this Firm:</b>
12
<b>Education: Degree(s)/Year/Specialization:</b>
B.G.S./2001 University of New Orleans/Science
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>As Project Administrator, Mr. Blanchard is responsible for Environmental Compliance and permitting; preparing front end and technical specifications; compliance with guidelines, specifications, and bidding documents; coordinating the contractor bid process; coordinating with the engineer(s) and clients; reconciling any issues with residents and parish officials; project administration; and historical data research. Mr. Blanchard will fulfill this role for any awarded projects.</p> <p><b>Design of 1.5 MGD Compact Clarification System for Patterson Water Treatment Plant</b>  Construction of a new 1.5 MGD compact clarification water treatment plant including filter system, clear well, intake structure, finish water pump system, telemetry system, offices for operators and plant superintendent, chemical storage facility, raw water intake screen, steel sheet pile wall protecting the bank at water's edge, and associated items of work. The building will be a pile supported, steel frame structure with concrete block walls. PEEC was responsible for the complete design of the plant including final plans, technical specifications, permit approvals, start-up, and assistance with bidding and construction administration phase of the project. Mr. Blanchard was responsible for applying for permits, preparation and compliance of project specifications, coordinating the contractor bid process, tallying bids, historical data review, and project administration.</p> <p><b>Lafitte Library Conversion to the Police Station</b>  The existing Library at the Town of Lafitte was damaged during Hurricane Katrina and the Parish decided to convert the existing library into a Police Station and construct a new library for the Town of Lafitte. PEEC obtained all necessary data and permits for this project prior to start of construction. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection. Mr. Blanchard was responsible for preparation of project specifications, compliance with project specifications, coordinating contractor bid process, tallying bids, historical data review, applying for permits, and project administration.</p>

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Stephen Blaskey, P.L.S.
<b>Project Assignment:</b>
Lead Surveyor
<b>Name of Firm with which associated:</b>
Professional Engineering and Environmental Consultants, Inc.
<b>Years' experience with this Firm:</b>
12
<b>Education: Degree(s)/Year/Specialization:</b>
B.S./ 2004 Texas A&M University – Corpus Christi/Geographic Information Science with a Specialization in Geomatics
<b>Active registration: Year first registered/discipline:</b>
Louisiana P.L.S. License No. 5107 – Land Surveyor
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Blaskey has over four years of experience as Surveyor for PEEC, Inc. His responsibilities include surveying operations, boundary calculations, and use of GIS software. Mr. Blaskey will assume the role of Land Surveyor and provide all necessary surveying.</p> <p><b>Lafitte Library Conversion to the Police Station</b>  The existing Library at the Town of Lafitte was damaged during Hurricane Katrina and the Parish decided to convert the existing library into a Police Station and construct a new library for the Town of Lafitte. PEEC obtained all necessary data and permits for this project prior to start of construction. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection. Mr. Blaskey's responsibilities included elevation surveys, boundary calculations, and identifying existing pipelines located at the project site.</p> <p><b>Design of 1.5 MGD Compact Clarification System for Patterson Water Treatment Plant</b>  Construction of a new 1.5 MGD compact clarification water treatment plant including filter system, clear well, intake structure, finish water pump system, telemetry system, offices for operators and plant superintendent, chemical storage facility, raw water intake screen, steel sheet pile wall protecting the bank at water's edge, and associated items of work. The building will be a pile supported, steel frame structure with concrete block walls. PEEC was responsible for the complete design of the plant including final plans, technical specifications, permit approvals, start-up, and assistance with bidding and construction administration phase of the project. Mr. Blaskey was responsible for the elevation surveys and boundary calculations at the project site.</p>



## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Derek Pinkley
<b>Project Assignment:</b>
Estimator
<b>Name of Firm with which associated:</b>
Professional Engineering and Environmental Consultants, Inc.
<b>Years' experience with this Firm:</b>
12
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. in Computer Science American International University
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>As the Estimator, Mr. Pinkley is responsible for gathering information and requirements, reviewing preliminary plans, and updating plans and specifications using AutoCAD and Microsoft software programs. Mr. Pinkley will fulfill this role for any awarded projects.</p> <p><b>Design of 1.5 MGD Compact Clarification System for Patterson Water Treatment Plant</b>  Construction of a new 1.5 MGD compact clarification water treatment plant including filter system, clear well, intake structure, finish water pump system, telemetry system, offices for operators and plant superintendent, chemical storage facility, raw water intake screen, steel sheet pile wall protecting the bank at water's edge, and associated items of work. The building will be a pile supported, steel frame structure with concrete block walls. PEEC was responsible for the complete design of the plant including final plans, technical specifications, permit approvals, start-up, and assistance with bidding and construction administration phase of the project. Mr. Pinkley was responsible for calculations of materials, AutoCAD drawings and assisting the engineers with topographical surveying.</p> <p><b>Lafitte Library Conversion to the Police Station</b>  The existing Library at the Town of Lafitte was damaged during Hurricane Katrina and the Parish decided to convert the existing library into a Police Station and construct a new library for the Town of Lafitte. PEEC obtained all necessary data and permits for this project prior to start of construction. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection. Mr. Pinkley was responsible for calculations of materials, AutoCAD drawings and assisting the engineers with topographical surveying.</p>

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Larry Vicari
<b>Project Assignment:</b>
Construction Inspector
<b>Name of Firm with which associated:</b>
Professional Engineering and Environmental Consultants, Inc.
<b>Years' experience with this Firm:</b>
10
<b>Education: Degree(s)/Year/Specialization:</b>
Southeastern Louisiana University Continuing Education
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>As a Construction Inspector, Mr. Vicari has been responsible for investigating the construction at all stages to identify problems, report potential problems and take timely action to solve problems, and ensure completion of the project in a timely manner. Mr. Vicari will fulfill the role of Construction Inspector for any awarded projects.</p> <p><b>Design of 1.5 MGD Compact Clarification System for Patterson Water Treatment Plant</b>  Construction of a new 1.5 MGD compact clarification water treatment plant including filter system, clear well, intake structure, finish water pump system, telemetry system, offices for operators and plant superintendent, chemical storage facility, raw water intake screen, steel sheet pile wall protecting the bank at water's edge, and associated items of work. PEEC was responsible for the complete design of the plant including final plans, technical specifications, permit approvals, start-up, and assistance with bidding and construction administration phase of the project. Mr. Vicari's responsibilities included inspecting all work in progress to ensure construction is at the acceptable level of workmanship and in compliance with plans and specifications.</p> <p><b>Lafitte Library Conversion to the Police Station</b>  The existing Library at the Town of Lafitte was damaged during Hurricane Katrina and the Parish decided to convert the existing library into a Police Station and construct a new library for the Town of Lafitte. PEEC obtained all necessary data and permits for this project prior to start of construction. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection. Mr. Vicari's responsibilities included observing and investigating construction at all stages to identify problems, report potential problems and take timely action to solve problems; and inspecting all work in progress to ensure construction is in compliance with plans and specifications.</p>

## TEC Professional Services Questionnaire

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

### PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">St. Tammany Parish Government Complex Covington, LA</p> <p style="text-align: center;">St. Tammany Parish Government 21490 Koop Drive Mandeville, LA 70471 Eddie Williams (985) 898-2362</p>	<p style="text-align: center;">Engineering design of the entire project, cost analysis, permitting, and construction inspection.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2002	\$4,000,000	\$4,000,000

### Project Description

PEEC designed and managed the construction of this building to be utilized as the main facility for St. Tammany Parish Government and use by other governmental entities including the Department of Health and Hospitals and Southeastern Louisiana University. PEEC was responsible for the architectural and engineering design, construction management, permitting, and construction inspection of this three- story 60,000 sq. ft. office building.



## TEC Professional Services Questionnaire

<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Lafitte Library Conversion to the Police Station Project No. 576-26-0028 (331)  Jefferson Parish Government 1221 Elmwood Park Blvd. Harahan, LA 70123	Engineering design of the entire project, cost analysis, permitting, and construction inspection.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2010	\$550,000	\$550,000

The existing Library at the Town of Lafitte was damaged during Hurricane Katrina and the Parish decided to convert the existing library into a Police Station and construct a new library for the Town of Lafitte. PEEC obtained all necessary data and permits for this project prior to start of construction. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection.





## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
1.5 MGD Compact Clarification System Water Treatment Plant Patterson, LA  City of Patterson 1314 Main Street Patterson, LA 70392 Mayor Rodney Grogan (985) 395-5205	Engineering design of the entire project, cost analysis, permitting, and construction inspection.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2015	\$4,500,000	\$4,500,000

### Project Description

This project consists of design and construction of a 1.5 MGD compact clarification water treatment plant including filter system, clear well, intake structure, finish water pump system, telemetry system, offices for operators and plant superintendent, chemical storage facility, raw water intake screen, steel sheet pile wall protecting the bank at water's edge, and associated items of work. The building will be a pile supported, steel frame structure with concrete block walls.

PEEC is part of a team of three firms working together on this project. PEEC is responsible for all design pertaining to structural, foundation, building, and site improvements for the plant. Also, our firm's role is to be the lead in the following capacities: interface with the City of Patterson, interface with the prime, permit approvals, project plans, project specifications, project performance, Pre-Bid meeting, Pre-Construction Conference, construction meetings, and review of shop drawings.



## TEC Professional Services Questionnaire

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Design and Construction of the Command and Control Center for St. Tammany Parish Government  St. Tammany Parish Government 21490 Koop Drive Mandeville, LA 70471 Eddie Williams (985) 898-2362	Engineering design, cost analysis, permitting, and construction inspection.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2002	\$1,100,000	\$1,100,000

### Project Description

PEEC, Inc. was fully responsible for the engineering and related services, and construction management of the St. Tammany Hurricane Protection Maintenance Facility built after Hurricane Katrina. Our firm was responsible for preliminary design, final design, preparation of plans and specifications, project management, project inspection and project close-out.



## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Installation of the New Buras Water Tower Buras, LA  Plaquemines Parish Government 102 Avenue G Belle Chasse, LA 70037 Ken Dugas (504) 297-5343	Engineering design of the entire project, cost analysis, permitting, and construction inspection.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2006	\$2,000,000	\$2,000,000

### Project Description

The Buras community was devastated due to Hurricane Katrina and the only water tower in that community collapsed during the early hours of the storm. PEEC was responsible for design and installation of a new elevated water storage tank and all associated piping to provide fire suppression water storage and potable water supply for the Town of Buras. PEEC was directed to design the new water tower and its foundation to withstand up to 200 MPH wind velocity for future storms. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, construction inspection, and testing. The project was the first infrastructure that was constructed after the Hurricane Katrina, allowing the water supply and the water pressure to get to normal condition.





## TEC Professional Services Questionnaire

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p style="text-align: center;">City of Westwego Senior Citizens Center Westwego, LA</p> <p style="text-align: center;">Jefferson Parish Department of Community Development 1221 Elmwood Park Blvd. Harahan, LA 70123</p>	<p>Engineering design of the entire project, cost analysis, permitting, and construction inspection.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
1998	\$1,000,000	\$1,000,000

### Project Description

PEEC was responsible for the architectural and engineering design, construction administration, and resident inspection for renovation of an existing church into a Senior Citizens Center. This included preliminary design, final design, preparation of plans and specifications, project management, project inspection and project close-out.





## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Design of Grand Isle Bridge and Fishing Pier Project Grand Isle, LA  Town of Grand Isle 170 Ludwig Lane Grand Isle, LA 70358 (985) 787-3196 David Camardelle	Engineering design of the entire project, cost analysis, permitting, and construction inspection.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
1996	\$330,000	\$330,000

### Project Description

PEEC was hired for rehabilitation of existing wooden pier for recreational use by the public. PEEC assisted the client with application for CDBG funding and was responsible for the complete study and design, contract administration, permitting, and construction inspection.



## TEC Professional Services Questionnaire

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p style="text-align: center;">City of Westwego Food Bank Center Building Westwego, LA</p> <p style="text-align: center;">City of Westwego 419 Avenue A Westwego, LA 70094 Mayor John Shaddinger (504) 347-5745</p>	<p>Engineering design of the entire project, cost analysis, permitting, and construction inspection.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2004	\$200,000	\$200,000

### Project Description

PEEC was responsible for the architectural and engineering design, construction administration, and resident inspection for demolition of an existing dilapidated house and building a Food Bank Center for residents of the Westwego community. PEEC provided the preliminary design, final design, preparation of plans and specifications, project management, project inspection and project close-out. Our firm provided the Environmental Assessment (Phase I and II), and obtained all required permits.



## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Design of ADA Accessible Fishing Pier Grand Isle, LA  Town of Grand Isle 170 Ludwig Lane Grand Isle, LA 70358 (985) 787-3196 David Camardelle	Engineering design of the entire project, cost analysis, permitting, and construction inspection.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2013	\$100,000	\$100,000

### Project Description

The Grand Isle Port Commission received CDBG Disaster Recovery Program funding to install a new ADA accessible ramp and recreational fishing pier on the bay side of the port facility. This project included installing lights, signs, a new crushed limestone/gravel parking lot, crushed limestone access roadway, and a new concrete handicap parking area. PEEC assisted with the CDBG application and was responsible for the complete design, permitting, and construction management.



## TEC Professional Services Questionnaire

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Rehabilitation of Westwego Water Tower Westwego, LA  City of Westwego 419 Avenue A Westwego, LA 70094 Mayor John Shaddinger (504) 347-5745	Engineering design of the entire project, cost analysis, permitting, and construction inspection.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2004	\$1,500,000	\$1,500,000

### Project Description

The entire water tower was sandblasted and painted according DHH and LA DEQ requirements. The altitude valve was replaced and a new overflow pipe was installed. PEEC, Inc. was fully responsible for the repair and rehabilitation of this project including preliminary design, final design, preparation of plans and specifications, project management, and project close-out.

### Project Inspection and Construction Management

PEEC inspectors were on the job site from beginning to end. PEEC's construction management team's top priorities are safety, to ensure proper construction of the project and to protect the Client's interest and investment.





## TEC Professional Services Questionnaire

Work by PEEC, Inc. performed directly for or selected by Jefferson Parish

<b>PROJECT NO. 1</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Central Avenue Waterline Phase II Project No. 2014-001-WR  Jefferson Parish Government 1221 Elmwood Park Blvd. Harahan, LA 70123	Engineering design of the entire project, cost analysis, permitting, and construction inspection.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2016	\$2,000,000	\$2,000,000

Jefferson Parish Government contracted with PEEC to design and install a 12-inch waterline from Karen Avenue to Jefferson Highway along Central Avenue. PEEC obtained topographic surveying and locations of current improvements and utilities located in the area. Geotechnical analysis of the native soils to determine foundation and bedding requirements for the needed waterline was also required. Utilizing this information, the design of a solution was underway. PEEC is responsible for preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection.



## TEC Professional Services Questionnaire

<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Mt. Kennedy Drainage Improvements Project No. 2008-035-DR  Jefferson Parish Government 1221 Elmwood Park Blvd. Harahan, LA 70123	Engineering design of the entire project, cost analysis, permitting, and construction inspection.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2015	\$4,000,000	\$4,000,000

Mt. Kennedy is a residential street located on the Westbank of Jefferson Parish, LA. The residents in the area have experienced street flooding during typical rain events and house and automobile flooding during significant rain events. Jefferson Parish Government contracted with PEEC to analyze the situation and determine the best possible solution to the problem. PEEC obtained topographic surveying and locations of current improvements in the area including drainage size and utility location of the drainage area. Geotechnical analysis of the native soils to determine foundation and bedding requirements for any needed drainage upgrades was also required. Utilizing this information, the design of a solution was underway. With the topographic information in hand, PEEC constructed a model of the drainage patterns of the area utilizing HEC-HMS. HEC-RAS was used to analyze the effects of a possible increase of discharge into local drainage ditches. Upon analysis of the existing conditions, collected data and modeling results, PEEC determined the best, most economical solution to the problem. A proposed drainage structure large enough to handle the calculated flow of a ten-year storm with no ponding will be installed at the dead-end area. All undersized existing catch basins and drain lines will be removed and replaced with new RCP pipes and manholes along the existing right of way and outfall into an existing ditch.





## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Johnson Street Drainage Improvements Project No. 2003-038-DR  Jefferson Parish Government 1221 Elmwood Park Blvd. Harahan, LA 70123	Engineering design of the entire project, cost analysis, permitting, and construction inspection.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2004	\$4,000,000	\$4,000,000

Johnson Street is a residential street located in Metairie, La. The end of the street dead-ends at the rear of a commercial facility. Since the development of the commercial facility, the residents in the area have experienced street flooding during typical rain events and house and automobile flooding during significant rain events. Jefferson Parish Government contracted with PEEC to analyze the situation and determine the best possible solution to the problem. PEEC obtained topographic surveying and locations of current improvements in the area including drainage size and utility location of the drainage area. Geotechnical analysis of the native soils to determine foundation and bedding requirements for any needed drainage upgrades was also required. Utilizing this information, the design of a solution was underway. With the topographic information in hand, PEEC constructed a model of the drainage patterns of the area utilizing HEC-HMS. HEC-RAS was used to analyze the effects of a possible increase of discharge into local drainage ditches. A portion of the proposed improvements had to be located within an existing railroad right of way. PEEC prepared all permit documentation in order to facilitate an entry agreement between Jefferson Parish Government and the Railroad company.

Phase I - Upon analysis of the existing conditions, collected data and modeling results, PEEC determined the best, most economical solution to the problem. A proposed drainage structure large enough to handle the calculated flow of a ten-year storm with no ponding was installed at the dead-end area. 1,250 feet of undersized existing catch basins and drain lines were removed and replaced with 42" RCP along the existing railroad right of way and outfall into an existing ditch. Phase II - Approximately 2,000 of 6x6 box culvert was placed into the existing outfall ditch to enhance flow and drainage of the entire drainage basin.



## TEC Professional Services Questionnaire

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
6 <sup>th</sup> Street Drainage Improvements  Jefferson Parish Government 1221 Elmwood Park Blvd. Harahan, LA 70123	Engineering design of the entire project, cost analysis, permitting, and construction inspection.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2008	\$300,000	\$300,000

6th Street is a residential street located in Marrero, La. The area has experienced street flooding during typical rain events and house and automobile flooding during significant rain events. Jefferson Parish Government contracted with PEEC to analyze the situation and determine the best possible solution to the problem. PEEC obtained topographic surveying and locations of current improvements in the area including drainage size and utility location of the drainage area. Geotechnical analysis of the native soils to determine foundation and bedding requirements for any needed drainage upgrades was also required. PEEC was responsible for application services, preliminary and final design, project plans and specifications, permit approvals, opinion of total project costs, bidding services, construction administration, topographic surveying, geotechnical engineering, and construction inspection.





## TEC Professional Services Questionnaire

<b>M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.</b>		
<b>Plaintiff:</b>	<b>Parties: Defendant:</b>	<b>Status/Result of Case:</b>
1. NONE		
2.		
3.		
4.		
<b>N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.</b>		
<ol style="list-style-type: none"> <li>1. Minimum Personnel Requirement: PEEC, Inc. has been providing the most advanced technological solutions for water treatment process to its clients through its well qualified engineers and has performed the projects very efficiently and within budget. As the attached project list attests, PEEC has designed and managed numerous projects of similar size and type. PEEC has been involved as part of several design teams providing its expertise in the design of water treatment and distribution systems.</li> <li>2. Minimum Equipment Requirement: PEEC, Inc.'s equipment inventory includes latest state-of-the-art equipment. The firm also possesses all the necessary computing, surveying, and computer software to process field data to conduct computer modeling and prepare design reports. PEEC has adequately trained personnel with extensive experience in the operation and field maintenance of all equipment.</li> <li>3. Professional Qualifications: PEEC, Inc. is staffed with the right mix of engineers, technicians, administrators, and field personnel to successfully complete all types engineering projects. All the engineers listed are Louisiana certified registered engineers with extensive experience in their respective fields. The academic credentials of personnel range from B.S. to Ph.D. in civil, mechanical, electrical, structural, environmental engineering, land surveying, and in biological and geological sciences. Selected personnel also possess certification for underground storage tank (UST) closure, hazardous waste supervision, and as hazardous material technician. The CAD design department of PEEC, Inc. is well staffed with personnel with extensive experience in complex projects.</li> <li>4. Capacity for Timely Completion of Projects: The current work load of PEEC, Inc. is at the average level it has been for the past 3 years. Accordingly, with our track record of timely completion of projects, we feel that any proposed project will not pose any undue burden on the firm's resources. PEEC has completed all of its previous projects in a timely manner as directed by contract agreements.</li> </ol>		

## TEC Professional Services Questionnaire

5. Knowledge of Project Area: PEEC, Inc. is located in Westwego, which is on the West Bank of the Mississippi River, and very close to the project area. The firm has been involved in many projects in the Greater New Orleans Area in the past and is intimately familiar with the project area. All of PEEC, Inc.'s staff also resides in the immediate vicinity of the office location, and are as such familiar with the project area. Past engineering projects in the area have helped PEEC in building up an extensive inventory of background technical information on relevant characteristics of the area, which will be invaluable in preparation for the project design tasks.
6. Past Performance: PEEC, Inc. has successfully completed engineering design, construction management, and surveying services for clients such as Jefferson Parish, Town of Grand Isle, St. Tammany Parish, City of Westwego, Grand Isle Independent Levee District, West Jefferson Levee District, Louisiana Department of Natural Resources, City of Morgan City, Texas Parks and Wildlife, Plaquemines Parish, St. Bernard Parish, St. Charles Parish, the Town of Zwolle and numerous private clients in the past. The firm has performed all assigned tasks on or before time and within the allotted budget. PEEC, Inc. will provide further information and references upon request. PEEC has not been involved in any litigation with Jefferson Parish or any present or past clients.
7. Quality Control Plan: Mo Saleh, P.E. and Ron Guidry are the Quality Control Managers for all projects. Their responsibilities in this position include manpower scheduling, budgeting and technical oversight. Background research and engineering design performed by project engineers are periodically checked by the QC Manager. Quality control also includes verification of sample analysis results with expected value. All drafting output is checked by the QC manager before submittal. Similarly, all surveying reports are checked, sealed and signed by the registered land surveyor prior to submittal. The detailed Quality Control Plan will be furnished upon request.
8. STATEMENT OF MAXIMUM FEE: PEEC's rates are established upon contract is awarded or per project but typically do not exceed 15% of the project's construction cost. PEEC will negotiate specific fees on a project-by-project basis with its clients.

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

Signature: Mo Saleh Print Name: Mo Saleh, M.S., P.E.

Title: Principal/Senior Project Engineer Date: June 10, 2022

## **LIST OF REFERENCES**

PEEC has been in charge of numerous federal and state funded projects since 1993. PEEC has been under contract with parishes, municipalities, state agencies, and the private sector including the following (7) clients during the past ten years.

1. Jefferson Parish Government  
1221 Elmwood Park Blvd.  
Harahan, LA 70123  
Mr. Ray Mowla  
504-733-6774
2. Plaquemines Parish Government  
106 Avenue G  
Belle Chasse, LA 70037  
Ken Dugas  
504-297-5343
3. St. Charles Parish Government  
301 Third Street  
Luling, LA 70070  
Sam Scholle  
Director of Public Works/Wastewater  
985-235-7180
4. City of Westwego  
419 Avenue A  
Westwego, LA 70094  
Mayor Joe Peoples  
504-256-2811
5. Town of Grand Isle  
P.O. Box 200  
Grand Isle, LA 70358  
Mayor David Camardelle  
985-787-3196
6. Grand Isle Port Commission  
P.O. Box 500  
Grand Isle, LA 70358  
Weldon Danos  
985-787-2229
7. Grand Isle Levee Board  
P.O. Box 757  
Grand Isle, LA 70358  
David Camardelle  
985-787-3955



# PROFESSIONAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.

Engineers | Planners | Environmental Consultants





# SERVICES

Since 1993, PEEC has provided a full range of professional engineering services to clients throughout the Gulf Coast region. Our technical team provides solutions to diverse engineering challenges, from civil and environmental engineering, to coastal restoration initiatives, to construction management. Our approach allows our clients to benefit from the latest technology, innovative solutions, and cost effective ideas. PEEC integrates the appropriate resources and technologies for each client, every time.

## CUSTOMIZING PROJECTS TO FIT THE CLIENT'S NEEDS

Our team of experts performs in-depth feasibility studies that consider all aspects of the project. During this fact-finding phase, our team of experts analyze how the project will affect the environment and community stakeholders. This comprehensive review allows us to present options that truly match our clients' needs.

## FINDING THE FUNDS TO MAKE PROJECTS HAPPEN

When necessary, our staff identifies state and federal funding sources and helps the client secure all needed grants and loans. This service has enabled many of our clients' projects to move from concept to reality.

## MANAGING CONSTRUCTION TO ENSURE SUCCESS

Once our design has been completed and funding has been obtained, we monitor the construction process to make sure that the contractor implements the project in accordance with all approved plans. A pre-bid conference and monthly construction meetings with the contractor are all standard features of PEEC's construction management service. In this way, our staff keeps project construction on schedule and within budget.

## MAXIMIZING RESOURCES THROUGH PROGRAM MANAGEMENT

In addition to construction of one-time projects, PEEC's team also takes a comprehensive look at client infrastructure and offers long-term strategies for making these systems work more efficiently. Our staff makes recommendations about revenue streams, links with economic development, options for improvement in energy efficiency, land use planning, and system operation and maintenance. For example, our assessment of the City of Westwego's sewerage system involved examination of fees, insurance rates, licensing needs, and employee management structure as well as technical recommendations for improving the system's effectiveness.

# Civil Engineering

PEEC has a proven track record of providing the infrastructure that Gulf Coast communities need. Our diverse and experienced staff is skilled in civil, electrical, mechanical, and construction management, enabling us to direct projects from inception to completion.

## Clients

- |                              |                      |
|------------------------------|----------------------|
| ▣ St. Tammany Parish         | ▣ City of Westwego   |
| ▣ Grand Isle Levee Board     | ▣ Town of Grand Isle |
| ▣ Grand Isle Port Commission | ▣ Town of Zwolle     |
| ▣ Plaquemines Parish         | ▣ Jefferson Parish   |
| ▣ West Jefferson Levee Board | ▣ St. Charles Parish |

# Structural

Building strong, building smart — these are watchwords for new construction in the hurricane-prone Gulf Coast. PEEC's approach to structural projects ensures that the finished product exceeds the client's expectations — not just at the ribbon cutting but for many storm seasons to come.

## Clients

- |                                 |                      |
|---------------------------------|----------------------|
| ▣ City of Westwego              | ▣ Town of Zwolle     |
| ▣ Jefferson Parish              | ▣ Town of Grand Isle |
| ▣ Jefferson Parish School Board | ▣ Plaquemines Parish |
| ▣ St. Tammany Parish            |                      |



Drainage Pump Station — Belle Chasse, Louisiana

## LONG-TERM PLANNING YIELDS RESULTS

In Belle Chasse, PEEC developed a master drainage plan using hydraulic modeling and aerial photography to analyze the community's needs. Our plan presented solutions for reducing flooding and preventing property damage. Once the plan was approved, PEEC designed and constructed several projects, including improvements to a major canal that drained the majority of the lower Belle Chasse drainage basin. Our design for slope paving stopped recurring flooding and protected nearby homes from subsidence caused by changes in the water table.

## PROBLEM SOLVING IMPROVES PARISH PUMPING STATION

PEEC's upgrade of the drainage pumps in Plaquemines Parish required a fraction of the budget that other firms proposed. By constructing a steel frame inside the pumping station, among other methods, we were able not only to preserve the original building but keep the pumps in operation while a new diesel engine was installed. The frame was left in place so that the parish can use the same cost effective system whenever the station's engines need to be replaced.

## Civil Engineering Services

- ▣ Drainage System
- ▣ Drainage System Design
- ▣ Stormwater Analysis
- ▣ Hydraulic Modeling
- ▣ Pump Station Design
- ▣ Roadway Design
- ▣ Levee System Design
- ▣ Site Development
- ▣ Local, State, and Federal Funding Assistance
- ▣ Construction Management



Parish Government Facility — St. Tammany Parish, Louisiana

## PRIZE-WINNING DESIGN GIVES MAXIMUM FLEXIBILITY TO CLIENT

Our design and construction of the St. Tammany Parish Government facility won the 1999 Award for Excellence from Associated Builders and Contractors, Inc. Our steel frame design provided an attractive, versatile space that allows the parish to simultaneously use the building as a satellite center for a regional university, a library, and a medical facility.

## HISTORICAL PROPERTY RETURNED TO COMMERCE

Our restoration of a former corner store into the Westwego Historical Museum converted a blighted property into the centerpiece of a new tourist district. PEEC completely restored the turn-of-the-century general store, furnished a period upstairs living quarters, and created a main exhibit area. Since opening its doors in 2000, the museum has welcomed thousands of visitors from around the world.

## Structural Services

- ▣ Bridges — Wooden, Concrete, Steel, and Precast — Design and Construction Management
- ▣ Commercial Facility Design and Construction Management
- ▣ Industrial Facility Design and Construction Management
- ▣ Governmental Facilities and Complex Design and Construction Management and Repair

# Environmental

We bring our expertise to bear on all of the Gulf Coast's most difficult environmental remediation and permitting challenges. Long-standing relationships with regulators allow us to expedite paperwork and pinpoint optimal grant sources, allowing our clients to focus less on red tape and more on improving quality of life for their customers and constituents.



Sludge Volume Reduction and Cleanup – City of Westwego

## Environmental Services

- ▣ 404 Permit Acquisition
- ▣ Wetland Delineation Determination
- ▣ Environmental Impact Statement
- ▣ Environmental Impact Analysis
- ▣ Air Quality Permit
- ▣ MWPP
- ▣ MS4 Permit Acquisition
- ▣ NPDES/LPDES Acquisition
- ▣ Needs and Alternative Analysis
- ▣ Phase I and II Environmental Site Assessment
- ▣ Brownfield Assessment and Remediation

## Clients

- ▣ Citrus Land Company
- ▣ City of Westwego
- ▣ City of Gretna
- ▣ CLL Limited Partnership, Ltd.
- ▣ Daybrook Fisheries
- ▣ Dixie Machine Welding and Metal Works, Inc.
- ▣ Grand Isle Port Commission
- ▣ St. Tammany Parish

### BROWNFIELDS REDEVELOPMENT EXPANDS LOCAL ECONOMIES

PEEC secured \$1.5 million in total EPA Brownfields Funds for the Cities of Gretna and Westwego, Louisiana. Our staff followed up this fundraising success with action on the ground, converting formerly contaminated and abandoned properties into productive sites that are now used for a variety of industrial, recreational, and government uses. The former Malter Chemical site is now slated to be the site of an expanded McCormick Foods facility.

### ASBESTOS REMOVAL ALLOWS EXTENSION OF VITAL ROADWAY

PEEC directed the removal of asbestos along a key traffic corridor in Gretna, Louisiana. Until our remediation was complete, a state financed extension of this corridor could not be completed.

### ENVIRONMENTAL ASSESSMENT AND CLEANUP CONVERT EYESORE INTO VIABLE PROPERTY

PEEC worked with the City of Westwego and citizens to clean up a long-standing hazardous waste site. Now that underground storage tanks, illegal dumping spills, and other contaminated materials have been removed, the city is planning to use the property for the site of the new City Hall.





Wetland Creation Project – Galveston, Texas

## BENEFICIAL USE OF DREDGED MATERIAL PROTECTS SENSITIVE TIDAL ECOSYSTEM

PEEC designed and constructed a 230-acre marsh creation project in Galveston Bay. Our team of experts created 47 half-acre mounds of dredged material planted with vegetation and protected the mounds with breakwaters made of geotubes. Galveston Bay experiences high wave action every day, and in 2008 Hurricane Gustav sent a tidal surge through the area. Our project remained intact despite the storm, while adjacent, unprotected marsh areas were destroyed.

## TERRACING PROJECT CREATES NEW MARSH

An open water area just south of Port Arthur, Texas, Bessie Heights was once the site of healthy wetlands. PEEC restored 100 acres of marsh in Bessie Heights using dredged material arranged in terraces. The project was built in 2002 and remains structurally sound, despite the wave action created by Hurricanes Katrina, Rita, Gustav, and Ike. We expect that the project will eventually build more than 200 acres of wetlands.

## BREAKWATER SYSTEM PROTECTS COAST WHILE ALLOWING NATURAL ECOSYSTEM FUNCTION

PEEC designed a four mile long breakwater system for Grand Isle with a special overlapping design that allows tidal fluctuations to pass through. At the same time, the breakwaters protect the island from storm surge and help reduce erosion. The project was built in 1998 and is functioning as designed despite numerous hits from severe hurricanes.

# Coastal

With wetlands being lost every day and hurricanes arriving in force, the Gulf Coast is ground zero for coastal restoration. PEEC has been at the forefront of the movement to preserve the region's wetlands, and we have successfully implemented unique solutions in a variety of storm-prone habitats.

## Coastal Services

- ▣ Marsh Creation
- ▣ Marsh Enhancement
- ▣ Marsh Protection
- ▣ Barrier Island Protection
- ▣ Levee System Design and Construction
- ▣ Levee System Upgrade and Repair
- ▣ Breakwater System Design and Construction
- ▣ Marsh Management

## Clients

- ▣ Grand Isle Levee District
- ▣ Louisiana Department of Natural Resources
- ▣ Plaquemines Parish Government
- ▣ Texas Parks and Wildlife Department
- ▣ Town of Grand Isle



Breakwater System – Town of Grand Isle, Louisiana



# Water

Sending water where it needs to go—PEEC has pioneered several techniques, now in use throughout the region, to make sure our clients have the water resources when and where they need them.



New Water Line – Town of Grand Isle, Louisiana

## Water Services

- ▣ Hydrogeology/Groundwater Modeling
- ▣ Water Well Design
- ▣ Water Intake Structure Design, Construction, and Repair
- ▣ Water Treatment Services
- ▣ Water Distribution Systems
- ▣ Lake and Reservoir Water Quality Management
- ▣ Storm Water Permitting and Compliance
- ▣ Water Resources Management/Water Rights Strategies
- ▣ Water Supply Planning
- ▣ Watershed Management/Source Protection

## Clients

- |                      |                      |
|----------------------|----------------------|
| ▣ City of Westwego   | ▣ Town of Zwolle     |
| ▣ Jefferson Parish   | ▣ St. Charles Parish |
| ▣ Town of Grand Isle | ▣ Plaquemines Parish |



New Water Line – Town of Grand Isle, Louisiana

## NEW WATER LINE BRINGS CLEAN WATER, ECONOMIC GROWTH TO TOWN

Grand Isle, Louisiana's only inhabited island, is a community of 1500 people that had no direct source of potable water. Residents were forced to purchase water, at high rates. A lack of potable water also made it difficult to accommodate the many tourists who visited the island. In 1999, PEEC installed a 32-mile water line that piped in treated Mississippi River water from Jefferson Parish to Grand Isle, using an innovative design that maximized the line's durability. Now the town's residents receive up to two million gallons of water a day at a fraction of the rate charged by previous sources. Since the line was installed, eco-tourism in Grand Isle has doubled.

## STREAMLINED SOLUTION PROVIDES MODEL FOR REGION

Grand Isle's water distribution system was at the breaking point when PEEC was hired to bring the system back up to full strength. Along with other measures, we repaired the system's main pipe, whose diameter had shrunk to only six inches due to build up in the line. We used a specialized cleaning device normally used for oil pipelines to clean out the pipe. Our method effectively doubled the pipe's capacity and is now used by municipalities throughout the area to keep water systems functioning at optimal levels.



Wastewater Treatment Plant – Zwolle, Louisiana

### MICROBIAL ROCK PLANT FILTER PROVIDES CLEAN WATER AT LOW COST TO PARISH

A wastewater treatment plant in St. Tammany Parish was not meeting EPA effluent limits. Rather than constructing a costly new plant, PEEC used a design that employed crushed stone and rock already available within the parish. The four-acre treatment facility was designed to handle 1.5 million gallons of wastewater per day and provided an effluent quality in full compliance with all state and federal regulations.

### SUSTAINABLE MEASURES REDUCE POLLUTANTS AND REDUCE PROJECT BUDGET

The town of Zwolle needed to improve the water quality of a 14.5-acre oxidation pond. PEEC designed a system using plants, which removed nitrogen and added oxygen to the wastewater, thereby cleaning the pond at low cost, with minimal disruption to the neighboring environment.

### MICROBIAL APPLICATION PRODUCES WIN-WIN SOLUTION

The city of Westwego had a wastewater facility that was under functioning due to high sludge volume. PEEC reduced this volume by 50% using an application of specialized microorganisms. In a second phase, we used the microbial detritus this process created and used it as beneficial material for nearby earthen levee tops. The microbial sludge acted as fertilizer, spurring massive vegetation growth, which in turn reduced erosion on the levee and improved the city's storm protection system.

# Wastewater

Wastewater challenges have provided PEEC with opportunities to use innovative and green technologies that not only produce clean effluent, they improve the surrounding environment — all while achieving significant cost savings for our clients.

## Sewer Services

- ▣ Combined Sewer Overflow
- ▣ Design and Rehabilitation of Collection Systems
- ▣ Design and Rehabilitation of Treatment Systems
- ▣ Operability Design Reviews
- ▣ Operations Services
- ▣ Start-up Assistance
- ▣ Inflow/Infiltration Study

## Clients

- |                      |                      |
|----------------------|----------------------|
| ▣ City of Westwego   | ▣ Town of Sarepta    |
| ▣ St. Tammany Parish | ▣ Jefferson Parish   |
| ▣ Town of Zwolle     | ▣ Plaquemines Parish |
| ▣ U.S. Steel         |                      |



Wastewater Treatment Plant – City of Westwego, Louisiana

## PEEC, INC.

### CIVIL

- Drainage System
- Drainage System Design
- Stormwater Analysis
- Hydraulic Modeling
- Pump Station Design
- Roadway Design
- Levee System Design
- Site Development
- Local, State, and Federal Funding Assistance
- Construction Management

### STRUCTURAL

- Bridges—Wooden, Concrete, Steel, and Precast—Design and Construction Management
- Commercial Facility Design and Construction Management
- Industrial Facility Design and Construction Management
- Governmental Facilities and Complex Design and Construction Management

### ENVIRONMENTAL

- 404 Permit Acquisition
- Wetland Delineation Determination
- Environmental Impact Statement
- Environmental Impact Analysis
- Air Quality Permit
- MWPP
- MS4 Permit Acquisition
- NPDES/LPDES Acquisition
- Needs and Alternative Analysis
- Phase I and II Environmental Site Assessment
- Brownfield Assessment and Remediation

### COASTAL

- Marsh Creation
- Marsh Enhancement
- Marsh Protection
- Barrier Island Protection
- Levee System Design and Construction
- Levee System Upgrade and Repair
- Breakwater System Design and Construction
- Marsh Management

### WATER

- Hydrogeology/ Groundwater Modeling
- Water Well Design
- Water Intake Structure Design, Construction, and Repair
- Water Treatment Services
- Water Distribution Systems
- Lake and Reservoir Water Quality Management
- Storm Water Permitting and Compliance
- Water Resources Management/Water Rights Strategies
- Water Supply Planning
- Watershed Management/ Source Protection

### WASTEWATER

- Combined Sewer Overflow
- Design and Rehabilitation of Collection Systems
- Design and Rehabilitation of Treatment Systems
- Operability Design Reviews
- Operations Services
- Start-up Assistance
- Inflow/Infiltration Study



PROFESSIONAL  
ENGINEERING AND  
ENVIRONMENTAL  
CONSULTANTS, INC.

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Division of Small and Emerging Business Development  
**SEBD CERTIFICATION**

## Professional Engineering and Environmental Consultants, Inc.

is hereby certified as a Small and Emerging Business Enterprise.

This certification is valid beginning 7/26/2021 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 7/26/2021

This certification expires on: 7/26/2031

Certification No. 20386

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

Stephanie Hartman,  
Director, Entrepreneurial Services





**DIVISION OF SMALL BUSINESS SERVICES**

This certification acknowledges that

**Professional Engineering and Environmental Consultants, Inc.**

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

This certification is valid from 7/26/2021 to 7/26/2022 .

Certification No. 20386

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

Stephanie Hartman,  
Director, Entrepreneurial Services

**Jefferson Parish TEC  
Professional Services Questionnaire**

**For**

**Marrero, Couvillon & Associates, LLC**

## TEC Professional Services Questionnaire

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

SOQ 22-0026 – Professional Architectural and Engineering Services for Architectural Type Projects

**B. Firm Name & Address:**

Marrero, Couvillon & Associates, LLC.  
3525 Hessmer Ave., Suite 304  
Metairie, LA 70001

**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:**

Greg DeCoursey, AIA  
Vice President  
Project Manager/Architect  
(504) 834-3448  
[gdecoursey@mca-llc.com](mailto:gdecoursey@mca-llc.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.**

Greg DeCoursey, AIA  
Vice President  
Project Manager/Architect  
(504) 834-3448  
[gdecoursey@mca-llc.com](mailto:gdecoursey@mca-llc.com)

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

<u>3</u> Administrative	<u>    </u> Estimators	<u>    </u> Specification Writers
<u>1</u> Architects (Licensed)	<u>    </u> Geologists	<u>1</u> Structural Engineers
<u>    </u> Chemical Engineers	<u>    </u> Geotechnical Engineers	<u>    </u> Graduate Engineers
<u>    </u> Civil Engineers	<u>    </u> Interior Designers	<u>1</u> Project Managers
<u>    </u> Construction Inspectors	<u>    </u> Landscape Architects	<u>    </u> Clerical
<u>    </u> Ecologists	<u>    </u> Land Surveyor	<u>    </u> Grant/Funding Specialist
<u>4</u> Electrical Engineers	<u>5</u> Mechanical Engineers	<u>    </u> Sanitary Engineers
<u>    </u> Engineer Intern	<u>    </u> Environmental Engineers	<u>2</u> Designers
<u>    </u> Professional Land Surveyors	<u>1</u> CADD Operators	<u>19</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.

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

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

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. None		
2.		
3.		

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



## 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:**

Greg DeCoursey, AIA – Project Manager

**Project Assignment:**

Project Manager

**Name of Firm with which associated:**

Marrero, Couvillon & Associates, LLC.

**Years' experience with this Firm:**

26

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

Bachelor of Architecture / 1977 / Architecture Masters of Architecture / 1982 / Architecture

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

1980 Architecture

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

Mr. DeCoursey has experience as both an Architect and Project Manager performing services, for projects of all types, including roadway lighting projects. Mr. DeCoursey has performed services for Engineering Projects for Facility Planning & Control, the Louisiana Department of Transportation and Development, the City of New Orleans, and for other Public Works and Private Sector Commercial projects. Projects in which Mr. DeCoursey participated, relevant to the requirements in this solicitation are:

- **New Orleans City Council Chamber – Lighting and Electrical Upgrades, New Orleans, LA** –The design services included architectural, lighting, audio visual and miscellaneous electrical upgrades to the New Orleans City Council Chambers. Architectural upgrades included replacement of fixed auditorium seating; refinishing of wood floor tiles and wood wainscot, knee wall and trim; painting of walls and ceiling; and replacement of carpet and drapes at the dais. Engineering design included upgrades to improve/ enhance the Broadcast illumination to better facilitate broadcasting meetings and proceedings in both the television as well streaming on computer platform-based environments; General illumination of the space; Energy Efficiency to lessen lighting and HVAC loads; Equipment Maintenance Efficiency to reduce ongoing excessive replacement costs of lamps and components. Electrical Equipment Upgrades to improve/ enhance the Microphone System at dais and conference tables for guests and interviewees, Speaker System broadcasting the audio portion of the proceedings within the chamber, and video projectors for displaying media being presented to the Council.
- **Roof Rehabilitation Projects – Multiple Buildings – ExxonMobil Refinery – Baton Rouge, LA.** –Architectural design for the replacement of roofing and the demolition and replacement of rooftop mechanical equipment at critical facilities in the refinery. Also included the demolition and replacement of ceilings within the buildings. Phasing considerations were critical to avoid disruptions to production.
- **New Orleans' City Hall and Civil Courts Buildings, New Orleans, LA** –MCA is providing architectural and engineering services for upgrades to HVAC, electrical and plumbing systems at the City of New Orleans City Hall and Civil Courts Buildings, which includes: Upgrading 8 elevators and the partial demolition and redesign of the Elevator Equipment Rooms, Replacement of existing generators, Replacement of Chiller Compressors, Replacement of Insulation on Chiller and Boiler Supply and Return Water lines, Replace Re-circulating Pumps, Replace Filter Racks and Baffles at Cooling Towers, Replace Filter Racks at Primary Air Handling Units, Repair or Replace Heat Pump Units, Replace Back-up Control Air Compressor and Dryers, Add Additional Ductwork and Vents at Council Chamber Offices, Replace Rooftop Exhaust Fans, Demolishing the Domestic House Tank and Associated Piping, Replace Existing Building Automation System, Replace Existing Sump Pumps in Parking Garage.
- **Government Tower Generator, Houma, LA** - Providing mechanical, electrical, plumbing and architectural design engineering services for a 1,000 kW diesel generator that was awarded to Terrebonne Parish as part of a FEMA Hazard Mitigation Grant Program.
- **Louis Armstrong New Orleans International Airport - Airfield Lighting Vault, Kenner, LA** - MCA provided architectural and MEP design engineering services for a new 4,600 sq. ft. building which houses airfield lighting control equipment. Building systems that were the responsibility of MCA include HVAC for climate control for sensitive equipment; plumbing systems for toilet rooms and emergency eye wash systems; building lighting, power distribution for the building, airfield lighting regulators and other equipment; emergency power system so that the facility can continue to operate if utility power is lost; fire alarm system; security systems; and access control systems.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Robert Mejia, P.E., Sr. Electrical Engineer
<b>Project Assignment:</b>
Sr. Electrical Engineer
<b>Name of Firm with which associated:</b>
Marrero, Couvillon & Associates, LLC.
<b>Years' experience with this Firm:</b>
6
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science / 1987 / Electrical Engineering
<b>Active registration: Year first registered/discipline:</b>
1993 Electrical Engineer
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Mejia has over 33 years' experience with instrumentation, control systems, Safety Instrumented Systems (SIS) and SCADA equipment. He works closely with process specialists to categorize and design control systems to comply with current industry requirements as well as client specific requirements. He applies existing client specifications for control systems/SCADA and helps develop specifications when these do not exist. He is proficient with application of design practices promulgated by standards organizations such as ISA, NFPA, API, TIA/EIA and IEEE. Some of his recent experience includes:</p> <ul style="list-style-type: none"> <li>• <b>Jefferson Parish Public Works - Bayou Segnette Pump Station Upgrade, Westwego Louisiana</b> - Replace 6 diesel pump driver units. Interface skid mounted diesel engine controllers and gearbox instrumentation with existing Murphy Panels and Jefferson Parish SCADA system.</li> <li>• <b>Cyprien Pumping Station Improvements, Lafourche Parish, Louisiana</b> – MCA provided the electrical engineering services for a pump station structure with three 48" axial flow pumps and a separate fuel tank structure. The existing pump station was removed in its entirety prior to construction of the new pump station.</li> <li>• <b>Sewerage and Water Board – EWWTP Effluent Pump Station Expansion, New Orleans, Louisiana</b> - Marrero, Couvillon &amp; Associates is providing electrical and instrumentation engineering for a new priming system at the effluent outfall, lowering the EPS system curve and its energy grade line and a new 1,000-hp pump at the EPS, similar in configuration and capacity to the two existing 1,000-hp pumps. MCA will also be providing electrical and instrumentation engineering for the modifications of the EPS pump discharge header to accommodate the new pump(s) and to allow improve the flow of the parallel effluent force mains. MCA is providing electrical engineering and design to specify the new motors, drives and controls, and their integration with the currently planned upgrades of the EPS electrical system. Project TIC is forecast to be \$23MM.</li> <li>• <b>City of New Orleans –Mirabeau Water Garden, New Orleans, Louisiana</b> - A 25 acre site at Mirabeau Ave. and St. Bernard Ave. is being developed into a 9.5MM gallon surge stormwater retention site as part of the comprehensive New Orleans Water Plan. The facility will include a lift station building, water runnel feature, area lighting and plans for future buildings used for educational and assembly purposes. MCA is handling the Mechanical, Electrical and Plumbing design.</li> <li>• <b>City Wide HMGP Generator Project, New Orleans, Louisiana</b>– The City of New Orleans has received a grant to install Automatic Switch Transfer (ATS) Switches and/or Emergency Generator to allow for continued operations during loss of power events. This will be done initially at 10 facilities with more facilities to be added later. Marrero, Couvillon &amp; Associates is responsible for preparing construction documents for bidding and Construction administration services.</li> <li>• <b>New Orleans Sewerage and Water Board Head House Renovation/Repurposing Critical Services Facility Center, EOC and Safe House (Resiliency Complex), New Orleans, Louisiana</b> – Renovation of an existing early 20th century 3-story building for use as Emergency Operations Building for the S&amp;WB, including Operations Center, office spaces and temporary living quarters. A new InFill Building, also 3-stories, will be built adjacent to the Safe House to provide a kitchen facility and additional office spaces. MCA is handling the Mechanical, Electrical, Plumbing and Fire Protection design.</li> </ul>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Christian Schade, P.E., Sr. Electrical Engineer
<b>Project Assignment:</b>
Sr. Electrical Engineer
<b>Name of Firm with which associated:</b>
Marrero, Couvillon & Associates, LLC.
<b>Years' experience with this Firm:</b>
5
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science / 1993 / Electrical Engineering
<b>Active registration: Year first registered/discipline:</b>
2006 Electrical Engineering
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Schade's experience as an Electrical Engineer includes: Power system analysis, consisting of load flow, fault, arc flash and coordination studies using SKM Power Tools for Windows and ETAP. Proficient with incident energy level method of Arc Flash calculations per NFPA 70E, 2015 version. Electrical design support for small to medium size projects in industrial facilities, including installation of new pumps, agitators, metering equipment, lighting and power distribution centers. Design of utility switchyards up to 230 KV and protective relaying. Electrical design support for architectural type projects, such as office buildings, restaurants, hotels, and marinas. A few projects Mr. Schade has worked on include:</p> <ul style="list-style-type: none"> <li>• <b>City of New Orleans Fire Engine No. 36, New Orleans, Louisiana</b> - MCA is responsible for the mechanical, electrical and plumbing systems for 4 bay fire station with living quarters for nine fire fighters, their supervisors, apparatus and support equipment. This project includes utility hook-ups and tie-downs for trailers for temporary housing; demolition of the existing facility; rebuilding the programmed facility, and removal of temporary utilities and site clean-up of NOFD property. This project is in the early stages of design</li> <li>• <b>Jefferson Parish Public Works - Bayou Segnette Pump Station Upgrade, Westwego Louisiana</b> - Replace 6 diesel pump driver units. Interface skid mounted diesel engine controllers and gearbox instrumentation with existing Murphy Panels and Jefferson Parish SCADA system.</li> <li>• <b>Low Barrier Shelter, New Orleans, Louisiana</b> – MCA has worked with architect The Mathes Group on a homeless shelter project for the City of New Orleans. The facility provides year round, 24 hour shelter for homeless adults with minimal restrictions. The work involved demolition and build-out within an existing building that was previously used for medical purposes. MCA provided engineering design for HVAC, plumbing, fire protection and electrical systems for the project.</li> <li>• <b>City Wide HMGP Generator Project, New Orleans, Louisiana</b>– The City of New Orleans has received a grant to install Automatic Switch Transfer (ATS) Switches and/or Emergency Generator to allow for continued operations during loss of power events. This will be done initially at 10 facilities with more facilities to be added later. MCA is responsible for preparing construction documents for bidding and Construction administration services.</li> <li>• <b>New Orleans Sewerage and Water Board Head House Renovation/Repurposing Critical Services Facility Center, EOC and Safe House (Resiliency Complex), New Orleans, Louisiana</b> – Renovation of an existing early 20th century 3-story building for use as Emergency Operations Building for the S&amp;WB, including Operations Center, office spaces and temporary living quarters. A new InFill Building, also 3-stories, will be built adjacent to the Safe House to provide a kitchen facility and additional office spaces. MCA is handling the Mechanical, Electrical, Plumbing and Fire Protection design.</li> <li>• <b>Cuccia-Byrnes Playground – New Orleans-</b> Marrero, Couvillon &amp; Associates is providing mechanical and electrical engineering services for improvements to the Cuccia-Byrnes Playground for the New Orleans Recreation Department in the City of New Orleans. The work includes construction of a new building housing concessions and toilet facilities, as well ballfield lighting</li> </ul>



## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Brian Miller, P.E., Sr. Mechanical Engineer
<b>Project Assignment:</b>
Sr. Mechanical Engineer
<b>Name of Firm with which associated:</b>
Marrero, Couvillon & Associates, LLC.
<b>Years' experience with this Firm:</b>
7
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science / 1986 / Mechanical Engineering
<b>Active registration: Year first registered/discipline:</b>
1995 Mechanical Engineer
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Miller has over 28 years of engineering experience in mechanical engineering, project engineering and project management. He has been responsible for various projects ranging from HVAC systems design to wastewater pump stations. Projects relevant to the requirement in this solicitation are:</p> <ul style="list-style-type: none"> <li>• <b>Cuccia-Byrnes Playground – New Orleans-</b> MCA provided mechanical and electrical engineering services for improvements to the Cuccia-Byrnes Playground for the New Orleans Recreation Department in the City of New Orleans. The work includes construction of a new building housing concessions and toilet facilities, as well ballfield lighting</li> <li>• <b>City of New Orleans Fire Engine No. 36 -</b> MCA was responsible for the mechanical, electrical and plumbing systems for 4 bay fire station with living quarters for nine fire fighters, their supervisors, apparatus and support equipment. This project included utility hook-ups and tie-downs for trailers for temporary housing; demolition of the existing facility; rebuilding the programmed facility, and removal of temporary utilities and site clean-up of NOFD property.</li> <li>• <b>Jones Creek Library, Baton Rouge, Louisiana</b> – MCA provided the mechanical, electrical, plumbing, and fire protection design for the expansion and partial renovation of the Jones Creek Library. The addition will increase the square footage by 3500 square feet and includes the expansion of the children's area, renovation of the restrooms, addition of study rooms, and a renovation of the Meeting Areas. A split system will be added to handle the meeting rooms so that the existing HVAC system can be redirected to supply the new expansion.</li> <li>• <b>Municipal and Traffic Court Renovations, New Orleans, Louisiana</b> - This project included a complete renovation of a three story building to increase the New Orleans Municipal Courts building from 4 courtrooms to 7. Project also includes renovating one floor of the old VA Hospital to serve as a Temporary Courts building. The VA Temporary Courts scope included demolishing all existing mechanical systems and replacing with new air handlers and chilled water piping, new piping for domestic water, all new ductwork, Fan Coil units, demolition and replacement of sewer piping, and design of holding cell for prisoners, modifications to the sprinkler system, and security systems. The Municipal Courts renovations included the demolition of the existing mechanical systems and installation of new chillers, boilers, pumps, and cooling towers, Air Handling Units, domestic water system, fire alarm system, security systems, a new elevator, and a holding cell in ground floor for prisoners. Since the utility plant also provides all utilities (chilled water, heating water, domestic water, and electricity) to the adjacent police headquarters building, the design had to include temporary utilities during the construction period and connecting all new systems to the building.</li> <li>• <b>Louisiana Wetlands Education Center, Town of Jean Lafitte, Louisiana</b> – MCA is providing mechanical plumbing, electrical and fire protection engineering design services for this facility which will “promote preservation, conservation and adaptation related to wetland ecosystems, using its location in the Jean Lafitte area as an outdoor classroom.” The Louisiana Wetlands Education Center, including programming for all ages, will provide educational opportunities regarding the unique ecosystems of coastal Louisiana. The facility will be utilized for research and will provide a meeting location for interested parties/institutions.” MCA is responsible for HVAC, plumbing, lighting, electrical power distribution and fire protection systems</li> <li>• <b>City Hall and Civil Courts Mechanical and Electrical Upgrades– New Orleans, Louisiana</b> - MCA is providing mechanical and electrical engineering services for upgrades to HVAC, mechanical, electrical and plumbing systems at the City of New Orleans City Hall and Civil Courts Buildings, which includes: Demolition and Replacement of Chiller Compressors, Replacement of Insulation on Chiller and Boiler Supply and Return Water lines, Replace Re-circulating Pumps, Replace Filter Racks and Baffles at Cooling Towers, Replace Filter Racks at Primary Air Handling Units, Repair or Replace Heat Pump Units, Replace Back-up Control Air Compressor and Dryers, Add Additional Ductwork and Vents at Council Chamber Offices, Replace Rooftop Exhaust Fans, Demolition of the Domestic House Tank and Associated Piping, Replace Existing Building Automation System, Replace Existing Sump Pumps in Parking Garage. MCA also provided engineering services for the renovation of 8 elevators which included partial demolition and reconstruction of the equipment elevator rooms.</li> </ul>



## TEC Professional Services Questionnaire


<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Chad Blanchard, Mechanical Engineer
<b>Project Assignment:</b>
Mechanical Engineer
<b>Name of Firm with which associated:</b>
Marrero, Couvillon & Associates, LLC.
<b>Years' experience with this Firm:</b>
7
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science / 2007 / Mechanical Engineering
<b>Active registration: Year first registered/discipline:</b>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Blanchard received his Bachelor of Science Degree in Mechanical Engineering from Louisiana Tech University in 2007.. Mr. Blanchard is a member of the American Society of Mechanical Engineers and ASHRAE, and he is certified LEED AP. Mr. Blanchard has been responsible for various projects ranging from QA/QC of mechanical work and HVAC systems design, to performing studies of mechanical systems in various facilities. Mechanical projects Mr. Blanchard has been responsible for since he joined MCA include:</p> <ul style="list-style-type: none"> <li>• <b>Mirabeau Water Garden, New Orleans, Louisiana</b> - A 25 acre site at Mirabeau Ave. and St. Bernard Ave. is being developed into a 9.5MM gallon surge stormwater retention site as part of the comprehensive New Orleans Water Plan. . The facility will include a lift station building, water runnel feature, area lighting and plans for future buildings used for educational and assembly purposes. MCA is handling the Mechanical, Electrical and Plumbing design.</li> <li>• <b>City of New Orleans Fire Engine No. 36, New Orleans, Louisiana</b> - MCA is responsible for the mechanical, electrical and plumbing systems for 4 bay fire station with living quarters for nine fire fighters, their supervisors, apparatus and support equipment. This project includes utility hook-ups and tie-downs for trailers for temporary housing; demolition of the existing facility; rebuilding the programmed facility, and removal of temporary utilities and site clean-up of NOFD property. This project is in the early stages of design.</li> <li>• <b>Low Barrier Shelter, New Orleans, Louisiana</b> - Marrero, Couvillon &amp; Associates has worked with architect The Mathes Group on a homeless shelter project for the City of New Orleans. The facility provides year round, 24 hour shelter for homeless adults with minimal restrictions. The work involved demolition and build-out within an existing building that was previously used for medical purposes. MCA provided engineering design for HVAC, plumbing, fire protection and electrical systems for the project.</li> <li>• <b>EMD Maintenance Facility, New Orleans, Louisiana</b> - MCA is providing the mechanical and electrical engineering services for the construction of a new automotive maintenance facility of approximately 17,100 sq. ft. for the City of New Orleans. The facility includes, maintenance bays, parts storage, break room, locker rooms, offices, conference room, and other support spaces. MCA will be responsible for the Heating, Ventilating and Air Conditioning (HVAC) systems, Plumbing systems, Electrical service, Power distribution system and raceways, Lighting, Fire alarm system, and the Generator</li> <li>• <b>Coroner Office Complex – New Building, New Orleans, Louisiana</b> - Design of the electrical systems, HVAC systems, plumbing systems, fire suppression systems for a two building facility which will provide new quarters for the Coroner and EMS operations in the City of New Orleans. In the design of these facilities, it was necessary to accommodate the very rigorous needs of the specialized operations and equipment of the end users</li> <li>• <b>New Orleans Union Passenger Terminal, New Orleans, Louisiana</b> - This project involves providing upgrades to the existing central utility plant components and making modifications to an office area to accommodate renting out the spaces in the future. Much of the building's infrastructure dates back to the mid 1950's. MCA performed a study and analysis of the existing plant components and provided recommendations to demolish much of the existing mechanical and electrical systems and upgrade them with modern equipment that will provide redundancy, improved performance, and cost efficiency. MCA also provided design recommendations to the office area to make the systems more readily adaptable to modifications to suit tenants as the need arises</li> </ul>

## TEC Professional Services Questionnaire


<b>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.</b>		
<b>PROJECT NO. 1</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
City Hall/Civil Courts Mechanical and Electrical Upgrades New Orleans, Louisiana Robert Vallejo City of New Orleans 1300 Perdido Street, Suite 6E15 New Orleans, LA 70112 504-658-8683	<p>Scope of services includes Engineering and Construction Management for major mechanical and electrical upgrades to buildings with a combined area of 581,000 square feet. MCA provided pre-construction services such as constructability and construction sequencing during design and will provide construction management. MCA provided engineering and design services. Electrical upgrades include complete replacement of incoming switchgear, motor control centers, and power distribution to mechanical equipment. Existing emergency power/generator systems and related generator equipment were evaluated, and upgraded or replaced. Mechanical work includes: Replacement of chillers; 780 and 400 ton chiller refurbishments, and later, total replacement utilizing ice storage driven district chilled water supply from local utility; boiler distribution piping; chilled, cooling, and domestic water pump replacements and additions; chilled water loop reconfiguration; cooling tower refurbishments; Custom replacement of Filter Racks at Primary Air Handling Units (1950s vintage); Repair and replacement of Heat Pumps and closed loop fluid coolers; Upgrade Fire Alarm System; Replace Back-up Control Air Compressor and Dryers; Redesign ductwork and vents at Council Chamber Offices; Replace Rooftop Exhaust Fans; Replace Domestic House Tank and Associated Piping. Refurbish Elevators and their Systems including Electrical Upgrades and Conditioning of Elevator Equipment Rooms</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
	2022	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> \$9,233,000 </div> <div style="width: 45%;"> \$9,233,000 </div> </div>



## TEC Professional Services Questionnaire

<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
Fire Station 36 New Orleans, Louisiana Subconsultant to Lachin Ourbe Michael Lachine, AIA 5190 Canal Blvd., Suite 201 New Orleans, Louisiana 70124 (504) 835-8013	<p>The station services as the 4th Fire District Headquarters. The existing facility was a 4-bay fire station with living quarters for nine fire fighters, their supervisors, apparatus and support equipment. The facility sustained damage in Hurricane Katrina and was partially rehabilitated. A 4-bay replacement station was constructed on the existing site.</p> <p>MCA was responsible for the mechanical, electrical and plumbing systems for this project. This project included utility hook-ups and tie-downs for trailers for temporary housing; demolition of the existing facility; rebuilding the programmed facility, and removal of temporary utilities and site clean-up of NOFD property.</p> <div style="text-align: center; margin-top: 20px;">  </div>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2018	\$2,300,000	\$600,000


## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility</b>	
<p>City of New Orleans Council Chamber Lighting and Electrical Upgrades New Orleans, Louisiana City of New Orleans 1300 Perdido Street, Suite 6E15 New Orleans, LA 70112</p>	<p>The Council Chamber space is original to the New Orleans City Hall facility, designed in the International architectural style in the mid 1950's and opened in 1956. There have been limited upgrades to the City Council Chamber in the past 60 years including the existing theater type lighting and cameras which are thought to have been added or replaced in the 1980's or 1990's when the meetings in the Council Chamber began being televised. MCA's design services included: the following:</p> <ul style="list-style-type: none"> <li>• Lighting Upgrades to improve/ enhance the following:               <ul style="list-style-type: none"> <li>- Broadcast illumination to better facilitate broadcasting meetings and proceedings in both the television and online streaming platform-based environments</li> <li>- General illumination of the space</li> <li>- Energy Efficiency to lessen lighting and HVAC loads</li> <li>- Equipment Maintenance Efficiency to reduce ongoing excessive replacement costs of lamps and components</li> </ul> </li> <li>• Electrical Equipment Upgrades to improve/ enhance the following:               <ul style="list-style-type: none"> <li>- Microphones System at dais and conference tables for guests and interviewees</li> <li>- Speakers System broadcasting the audio portion of the proceedings within the chamber</li> </ul> </li> <li>• Architectural Upgrades               <ul style="list-style-type: none"> <li>- New Floor, wall, ceiling finishes</li> <li>- Replacement of fixed auditorium seating</li> <li>- Replacement of Drapery</li> </ul> </li> </ul>	
		
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2018	\$765,000	\$765,000





## TEC Professional Services Questionnaire

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
East Bank Wastewater Treatment Plant Effluent Pump Station New Orleans, LA Sewerage and Water Board of New Orleans MCA was a subconsultant to Greenpoint Engineering <b>Amer Tufail, PE, BCEE</b> 701 Loyola Ave., Suite 801 New Orleans, LA 70113 (504) 708-2020 ext. 101	MCA is providing electrical and instrumentation engineering for a new 1,000 HP, 36" pump at the East Bank Wastewater Treatment Plant Effluent Pump Station, similar in configuration and capacity to the two existing 1,000 HP 36" pumps. MCA will also be providing electrical and instrumentation engineering for the modifications of the Effluent Pump Station pump discharge header to accommodate the new pump and to allow improvements to the flow of the parallel effluent force mains. MCA is providing electrical engineering and design to specify the new motor, drive and control, and their integration with the currently planned upgrades of the Effluent Pump Station electrical system. MCA is also providing electrical system modeling and upsizing of one substation transformer & relocating another transformer to accommodate the additional electrical load due to the new 1000 HP pump. Project is currently on hold.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$5,500,000	\$3,000,000

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Coquille Park Tennis Complex Covington, Louisiana Coquille Recreation District #14 13505 LA-1085 Covington, LA 70433 MCA was a subconsultant to Joey Furr (225) 383-0311	MCA is the mechanical, electrical, plumbing and structural subconsultant to Joseph Furr Design Studio. As part of the Coquille Park Master Plan, several new structures are to be constructed within the existing Tennis Complex. MCA is responsible for the Mechanical, Electrical, and Plumbing design for the new structures. Structural analysis will also be provided for one of the building's roof design. Structures include restrooms, storage and Tennis Pro Shop.	
	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$157,000	\$50,000


## TEC Professional Services Questionnaire

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Terrebonne Government Tower Generator Houma, Louisiana Jennifer Gerbasi Terrebonne Parish Consolidated Government 8026 W Main St #101, Houma, LA 70360 (985) 873-6565</p> 	<p>MCA provided Electrical and Architectural design engineering services for a diesel generator installation. Terrebonne Parish was awarded FEMA Hazard Mitigation Grant Program funds to install a permanent diesel generator at the Government Tower building to provide near-continuous governance before, during and after an event of any sort. The new 1,000 kW generator was installed in the back parking lot of the Government Tower with an underground (wiring and conduits) connection to the electric system visible behind vents in the side of the 8026 Main Street building and include sound attenuators. The generator includes a diesel storage tank and supported with a bi-fuel diesel and natural gas kit to allow for flexibility to extend the continuous full load run time in times of crisis. The generator was evaluated to meet or exceed the 500-year storm level as projects on the DFIRMSs. The Parish worked with FEMA to identify that height, as it is not provided on the currently available maps. Due to the location in an historic district, the generator is surrounded with a decorative brick and ornamental metal fence.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$915,000	\$915,000

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>New Orleans Sewerage and Water Board Resiliency Complex New Orleans, Louisiana Ray Battaglia, P.E. Sewerage and Water Board of New Orleans 1300 Perido Street New Orleans, LA 70112 (504) 865-0454</p>	<p>New Orleans Sewerage and Water Board Head House Renovation/Repurposing Critical Services Facility Center, EOC and Safe House (Resiliency Complex), New Orleans, Louisiana - Renovation of an existing early 20th century 3-story building for use as Emergency Operations Building for the S&amp;WB, including Operations Center, office spaces, water quality testing lab, laundry and temporary living quarters. A new InFill Building, also 3-stories, will be built adjacent to the Safe House to provide a kitchen facility and additional office spaces. Marrero, Couvillon &amp; Associates is handling the Mechanical, Electrical, Plumbing and Fire Protection design.</p> 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	\$14,000,000	\$4,200,000

## TEC Professional Services Questionnaire

### PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Louis Armstrong New Orleans International Airport – New Terminal Kenner, Louisiana Walter Krygowski Louis Armstrong New Orleans International Airport 4233 Airline Hwy. Kenner, LA 70001 (504) 303-7551</p> 	<p>Marrero, Couvillon &amp; Associates, LLC was responsible for the Mechanical and Electrical design for plumbing, electrical and fire protection systems for the new terminal at Louis Armstrong New Orleans International Airport that replaced the existing 60 year old Passenger Terminal Building. MCA staff worked closely with design team members for other disciplines, including security, IT/telecommunications, baggage handling, concessions, architectural and structural disciplines, to manage and integrate the complex technical and security requirements for this type facility. MCA also closely coordinated design efforts with airport staff and the Construction Manager at Risk (CMAR) to ensure that our design met the needs of the airport while staying within budget. MCA also performed full mechanical and electrical design services for construction of a Central Utilities Plant, a 2,000 car parking garage, and a Bluewater Receiving Station. Marrero, Couvillon &amp; Associates' scope of work also included providing complete mechanical and electrical engineering services for partial demolition and repurposing of the existing South Terminal.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$1,200,000,000	\$65,000,000

### PROJECT NO. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Low Barrier Shelter New Orleans, Louisiana City of New Orleans 1300 Perdido Street, Suite 6E15 New Orleans, LA 70112 Subconsultant to Mathes Group Tony Alfortish (504) 586-9303</p>	<p>Marrero, Couvillon &amp; Associates has provided mechanical and electrical engineering design for a homeless shelter for the City of New Orleans. The facility provides year round, 24 hours shelter for homeless adults with minimal restrictions. The work involved demolition and build-out within an existing building that was previously used for medical purposes. MCA provided engineering design for HVAC, plumbing, fire protection and electrical systems for the project. This facility is part of a larger building that is mostly unoccupied. The design effort included tracing down all domestic water systems and tying into existing supply systems and redesign of all plumbing in the shelter.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	\$1,750,000	\$700,000



## TEC Professional Services Questionnaire

### PROJECT NO. 10

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Galveston 14<sup>th</sup> St. Drainage Improvements  MCA Subconsultant to T. Baker Smith, LLC  312 South Van Avenue  Houma, LA 70363  Kevin O. Gorman, P.E.  (225) 372-2622</p>	<p>Marrero, Couvillon &amp; Associates is providing engineering design for Mechanical, Electrical, Plumbing and Instrumentation Control Systems for the 14<sup>th</sup> Street Drainage Improvement project for the City of Galveston, Texas. MCA's services will be focused on a new pump station that will be constructed as part of the drainage project. The station will have (9) 170 HP pumps to alleviate flooding during hurricane events. (3) Generators and a fuel tank will provide power for the pumps that will permit (3) of them to operate for 72 hours and the other 6 a total of 24 hours. MCA is also providing the electrical, mechanical, and plumbing design for the building which houses the generators and the control room.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
	2022	\$40,440,000





## **TEC Professional Services Questionnaire**

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

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

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

**MARRERO, COUVILLON & ASSOCIATES, LLC (MCA)** is an engineering design consulting firm with over forty years of experience. Our engineering services include electrical, mechanical and plumbing (MEP) disciplines. Services within these disciplines include:

- Investigation/Evaluation/Recommendations for existing systems
- Design of new or upgraded MEP systems
- Construction Administration services
- Field Inspection services.

The firm is current with today's rapidly changing design technologies. In this regard, MCA offers design documentation in Revit, AutoCAD and Microstation.

Founded in Baton Rouge in 1968 by Hugo A. Marrero, Sr., P.E, MCA operates a second location in Metairie, La. The Metairie location is managed by Greg DeCoursey, A.I.A. Our in-house architect serves as a beneficial liaison between our engineering design teams and the over-all project concept.

MCA's certification as a Disadvantaged Business Enterprise (DBE) by the Unified Certification Program of the Louis Armstrong New Orleans International Airport, and the Louisiana Department Of Transportation And Development (DOTD) adds value to many publicly funded projects. Additional certifications include:

- State and Local Disadvantaged Business Enterprise (SLDBE)
- Small Entrepreneurship – Hudson Initiative
- Small and Emerging Business Development (SEBD)
- Small Business Administration 8A (SBA 8a)

In addition to our capacity as prime consultant on projects for owners, contractors, and governmental agencies, Marrero, Couvillon also performs engineering services as a sub-consultant to other design professionals. Our work covers a diverse range of public, commercial and industrial projects; large and small including:

- Highways, Bridges and Tunnels
- Historical Renovations
- Parks and Recreation, including zoos
- Commercial facilities such as hotels and restaurants
- Government facilities
- Airports – terminals, hangars, airfield power/lighting\
- Sewerage and Drainage

## TEC Professional Services Questionnaire

- Industry, including sugar processing facilities and petrochemical installations
- Universities and schools.

MCA's team of experienced engineers, design technicians, Computer Aided Design/Drafting (CADD) staff, field technicians and specification writers work under the supervision of experienced project managers to develop professional construction documents used for the execution of engineering projects.

1. **Professional training and experience in relation to the type of work required for the routine engineering services.** The team of professionals at Marrero, Couvillon & Associates, LLC. has varied and extensive experience in providing electrical engineering services as prime consultant, or as subconsultants. Our engineering team has over 200 years of combined experience. As evident in our project experience in Section L, MCA has performed public work projects of all types and sizes.
2. **Size of firm.** Marrero, Couvillon & Associates has two complete departments for Mechanical Engineering and Electrical Engineering. Each department is run by a licensed Professional Engineer. Each department has designers and CAD technicians to proficiently handle the field visits, meetings, drawings and specifications meeting all code requirements to complete these projects safely, efficiently and to meet the needs of Jefferson Parish. Our staff of eighteen professionals are prepared to serve.
3. **Work Load.** Presently MCA is seeking to diversify and expand its present workload and would welcome the opportunity to serve Jefferson Parish. As depicted in the chart below many of our project are in CA services, or nearing completion.

### Current Workload

Project Name and Location	Current Status	Estimated Completion Date
City Hall & Civil Courts MEP Upgrades	CA Services	2022
US 11 Bridge Rehabilitation	CA Services	2022
El Tuna Federal Bureau of Prisons	Design	2023
Fort Worth Bureau of Prisons Modernize Electrical System	Design	2023
New Orleans Police Department Firing Ranges	CA Services	2022
Galveston 14th Street Drainage Improvements	Design	2022
Dequincy Airport T Hangars	Design	2022
Skelly Rupp Stadium	Design	2022
Lafayette Terminal Construction Administration	CA Services	2022
Union Station Passenger Terminal Chiller Central Plant	CA Services	2022
Municipal Court Renovations	Design	2022
Treme Community Center Elevator Accessibility	Bidding	2022

## TEC Professional Services Questionnaire

4. **Past Performance on Jefferson Parish contracts.** Marrero, Couvillon & Associates welcomes the opportunity to provide engineering services for Jefferson Parish. We were the subconsultants on the Bayou Segnette Pumping Station project. We were subconsultants on the West Esplanade F8-4, F\*-5 Lift Station project and the Upper LA 45 Tidal Storm Surge Protection Project. We have not worked as a prime to the parish for many years. We have, however, been involved with many projects within Jefferson Parish, including projects for the design of the New Terminal for the Louis Armstrong International Airport in Kenner, and the rehabilitation of Harvey Canal Tunnel.
5. **Location of the principal office.** Marrero, Couvillon & Associates offers two locations to best meet our client needs. Our Metairie office located at 3525 Hessmer Ave. will serve as our headquarters for this project.
6. **Adversarial Legal proceedings between the Parish and the firm.** MCA has never encountered an adversarial situation with Jefferson Parish and plans to keep it that way.
7. **References for successful completion of projects.** MCA is pleased to provide references for projects of similar nature. Please refer to Section 8, Work by Firm, Project owner names and contact information.

Marrero, Couvillon & Associates looks forward to working with Jefferson Parish.

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

Signature:  Print Name: Greg DeCoursey, AIA

Title: Project Manager Date: June 8, 2022

**Jefferson Parish TEC  
Professional Services Questionnaire**

**For**

**BFM Corporation, LLC**



## TEC Professional Services Questionnaire

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

**Architectural and Engineering Services for Architectural Type Projects**  
**SOQ 22-026 | Resolution No. 139630**

**B. Firm Name & Address:**



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

**BFM Corporation, LLC**  
 15 Veterans Memorial Boulevard  
 Kenner LA 70062

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

**Chad M. Poché, P.E., Executive Vice President**  
 504-468-8800 • 504-460-5239 cell • cpoche@bfmcorporation.com  
 Registered Professional Civil Engineer, Louisiana No. 27667 (since 1998)

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

**Ralph P. Fontcuberta, Jr., Executive Vice President • LA License No. 4329 (1974)**  
 504-468-8800 • 504-451-7500 cell • ralph@bfmcorporation.com  
 Registered Professional Land Surveyor, Louisiana No. 4329 (since 1974)

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

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

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

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

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

## TEC Professional Services Questionnaire

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

1. **N/A**

2.

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

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

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

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

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

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

## TEC Professional Services Questionnaire

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

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

#### **Name & Title:**

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

#### **Project Assignment:**

Registered Professional Land Surveyor

#### **Name of Firm with which associated:**

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

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

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

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

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

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

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

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

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

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

## TEC Professional Services Questionnaire

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

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

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

- *Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA*
- *Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA*
- *Lafitte Arts Center, Jefferson Parish, LA*
- *Haynes Academy School, Metairie, Jefferson Parish, LA*
- *Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA*
- *Clancy-Maggiore Elementary School for the Arts Survey, Kenner, Jefferson Parish, LA*
- *Construction Layout Surveying, Port of New Orleans Cold Storage Facility, Port of New Orleans, LA*
- *University of Holy Cross Simulation Center, New Orleans, Orleans Parish, LA*
- *Mid City Apartments Phase II, New Orleans, LA*
- *Himel Dance Conservatory, New Orleans, LA*
- *Dillard University ADA Improvements, New Orleans, LA*
- *A.B. Freeman School of Business, Tulane University, New Orleans, LA*
- *Parking Garage As-Built Survey, Louis Armstrong New Orleans International Airport, Kenner, LA*
- *Greater Works Community Center, New Orleans, LA*
- *Ernest N. Morial Convention Center Neighborhood Site Infrastructure, New Orleans, LA*
- *East Jefferson High School Courtyard Improvements, Metairie, Jefferson Parish, LA*
- *Lasalle Rest Room Building, Jefferson Parish, LA*
- *West Bank Regional Library, Harvey, Jefferson Parish, LA*
- *Lafreniere Park ADA (Multiple Sites), Metairie, Jefferson Parish, LA*
- *Parking Lot Stakeout at Airline Park Elementary School, Metairie, Jefferson Parish, LA*
- *Fire Department Garage/Fire Training Center, Jefferson Parish, LA*
- *Haynes Academy (Metairie Road), Metairie, Jefferson Parish, LA*
- *Stadium Renovations at East Jefferson High School, Jefferson Parish, LA*
- *Hampton Inn Suites, Harvey, Jefferson Parish, LA*
- *Hotel Resubdivision, Lake Villas Subdivision, Jefferson Parish, LA*
- *Treasure Chest Casino, Kenner, Jefferson Parish, LA*
- *YMCA (East Jefferson Center), Metairie, Jefferson Parish, LA*
- *Parking Garage Expansion, Gretna Government Campus, Gretna, Jefferson Parish, LA*
- *Rivarde Maintenance Facility, Jefferson Parish, LA*
- *Grand Isle Multiplex Center, Jefferson Parish, LA*
- *Louisiana State University Orleans Campus Project, New Orleans, LA*
- *Multiple Parking Lots, University of New Orleans – Lakefront Campus, LA*
- *LSU - Medical School Covered Access Walk, New Orleans, LA*
- *Valhalla West Apartments, Metairie, Jefferson Parish, LA*



## TEC Professional Services Questionnaire

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

**Name & Title:**

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

**Project Assignment:**

Engineering Liaison

**Name of Firm with which associated:**

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

**Years experience with this Firm:**

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)*

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

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

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

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

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

**Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, LA.** For the project, BFM executed a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$73,615 (fee); 2018)

**Hospital Expansion Project, Chalmette, St. Bernard Parish, LA.** BFM provided surveying services for the project, located at 8000 West Judge Perez Drive in Chalmette. The scope included a topographic and utility survey, four temporary benchmarks, and location of improvements, utilities & trees. BFM further established finished floor elevations, and took spot elevations at 25 ft intervals. (\$35,280 (fee); 2020)

## 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.

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

**Parking Garage As-Built Survey, Louis Armstrong New Orleans International Airport, Kenner, LA.** BFM provided surveying services for the project, the scope of which including preparation of an as-built survey of the garage and site (to include all features, signs, light poles, etc.), elevation on each floor where the garage is closest to Airline Highway (south side), the location of the column grid lines and location of double helix, elevation shots across the ground floor, and a legal description of the lease sites. This included a top-of-slab on 7th floor and top of vertical panels on extension. The survey also included drainage from Airline Highway through all connections to the parking garage and a three dimensional description sketch of cross ways between garages. (\$20,130 (fee); 2011)

## TEC Professional Services Questionnaire

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

*John Philip Thayer (continued)*

**Greater Works Community Center, New Orleans, LA.** BFM provided various surveying services as instructed by the project architect, including resubdivision, boundary & topographic, and subsurface locations of utilities. (\$19,600 (fee); 2016)

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

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

**Fire Department Garage/Fire Training Center, Jefferson Parish, LA.** BFM provided topographic surveying services for the project, which included the East Street/Bridge City (Fairfield Plantation) FD and the Fire Training Center in Belt Bridge. (\$8,124 (fee); 2016)

**Haynes Academy School, Metairie, Jefferson Parish, LA.** BFM prepared a Site Specific Topographic Survey for the project site at Haynes Academy School (part of the Bath Subdivision), located at 1416 Metairie Road. Project elements focused on boundary surveying, improvements throughout the campus, and notably locating the gym class fence. Scope included horizontal & vertical control, TBMs, and location of existing improvements & utilities, piping, and trees. Cross sections were taken, and a finished floor elevation provided of adjacent buildings. Deliverables included print & AutoCAD files. (\$8,400 (fee); 2019)

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

**University of Holy Cross Simulation Center, New Orleans, Orleans Parish, LA.** BFM's scope included Construction Services Surveying in four phases. Phase 1 established two temporary benchmarks (TBMs) (Geoid 12B) and set wooden pile stakes at center of each pile (approx. 127 piles). Phase 2 involved a Top of Form Certificate and Sketch; Phase 3 provided for the Top of Slab Certificate. Phase 4 provided the Final FEMA Certificate and sketch for the building slab. (\$4,755 (fee); 2019)



## TEC Professional Services Questionnaire

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

**Name & Title:**

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

Registered Professional Land Surveyor

**Project Assignment:**

Registered Professional Land Surveyor; Project Manager/Drafting Supervisor

**Name of Firm with which associated:**

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

**Years experience with this Firm:**

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

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

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

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

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

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

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

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

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

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

## TEC Professional Services Questionnaire

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

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

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

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

**University of Holy Cross Simulation Center, New Orleans, Orleans Parish, LA.** BFM's scope included Construction Services Surveying in four phases. Phase 1 established two temporary benchmarks (TBMs) (Geoid 12B) and set wooden pile stakes at center of each pile (approx. 127 piles). Phase 2 involved a Top of Form Certificate and Sketch; Phase 3 provided for the Top of Slab Certificate. Phase 4 provided the Final FEMA Certificate and sketch for the building slab. (\$4,755 (fee); 2019)


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

**Sugarmill Apartments Builder's Package, Kenner, LA.** BFM executed a complete Builder's Package Survey for the project site, located at Sugarmill Apartments (Municipal #4520, Williams Boulevard) in Kenner. Scope included establishing a Construction Benchmark near the site, providing a layout of building envelope for site clearing (or fill), setting layout pile locations (approx. 332 total piles), and the layout of building corners. (\$6,990 (fee); 2020)

**Abney Elementary School, St. Tammany Parish School Board, LA.** BFM provided surveying services for project work at the Abney Elementary School, located at 829 Kostmayer Avenue, in Slidell, LA for the St. Tammany Parish School Board. The scope of services included preparation of a boundary and topographic survey for additions to the school site. Additional project work involved the preparation of three pre-construction FEMA Certificates at the school site. (St. Tammany Parish School Board Project No. 1905) (\$14,360 (fee); 2020)

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

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
<b>Name &amp; Title:</b>
<p><b>Christopher Lemley</b> Quality Control Supervisor</p>
<b>Project Assignment:</b>
<p>Quality Control Supervisor</p>
<b>Name of Firm with which associated:</b>
 <p><b>BFM CORPORATION, LLC</b> Professional Land &amp; Hydrographic Surveying</p>
<b>Years experience with this Firm:</b>
<p>8 years (joined BFM in 2014); 16 years total (2006)</p>
<b>Education: Degree(s)/Year/Specialization:</b>
<p><i>High School Diploma</i></p>
<b>Active registration: Year first registered/discipline:</b>
<p>N/A</p>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>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.</p> <p><b>Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, LA.</b> For the project, BFM executed a Route Topographic Survey; the full scope plan &amp; profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$73,615 (fee); 2018)</p> <p><b>Ernest N. Morial Convention Center Neighborhood Site Infrastructure, New Orleans, LA.</b> BFM provided boundary &amp; topographic surveying services for the project site (900 Convention Center Boulevard in New Orleans) for the Convention Center Development District. The project executed was adherent to the client-provided AIA document (dated August 20, 2015). (\$86,720 (fee); 2015)</p> <p><b>Construction Layout Surveying, Port of New Orleans Cold Storage Facility, Port of New Orleans, LA.</b> BFM Corporation provided surveying services for the Construction Layout of the project, including layouts for piles, building, curbing/roadway, and utilities, as well as grading. BFM also established horizontal and vertical control for the site prior the start of construction. Other services include providing certificates for both Top of Form (TOF) and FEMA Elevation, as well as the As-Built Survey upon project completion. (\$65,000 (fee); 2021)</p>

## 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.

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

**Parking Garage As-Built Survey, Louis Armstrong New Orleans International Airport, Kenner, LA.** BFM provided surveying services for the project, the scope of which including preparation of an as-built survey of the garage and site (to include all features, signs, light poles, etc.), elevation on each floor where the garage is closest to Airline Highway (south side), the location of the column grid lines and location of double helix, elevation shots across the ground floor, and a legal description of the lease sites. This included a top-of-slab on 7th floor and top of vertical panels on extension. The survey also included drainage from Airline Highway through all connections to the parking garage and a three dimensional description sketch of cross ways between garages. (\$20,130 (fee); 2011)



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Curtis "Jay" Barrios</b> Survey Crew Chief
<b>Project Assignment:</b>
Survey Crew Chief
<b>Name of Firm with which associated:</b>
 Professional Land & Hydrographic Surveying
<b>Years experience with this Firm:</b>
32 years (joined BFM in 1990); 32 years total (1990)
<b>Education: Degree(s)/Year/Specialization:</b>
<i>High School Diploma</i>
<b>Active registration: Year first registered/discipline:</b>
<i>American Traffic Safety Service Assn. – Traffic Flagger Transportation Work Identification Card (TWIC)</i>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Barrios' surveying experience includes boundary, hydrographic, and topographic. He has worked on location and performed topographic surveys for a number of major projects.</p> <p><b>Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA.</b> BFM prepared a site-specific topographic survey; scope included location of utilities (water &amp; sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark and Construction Benchmark, locating existing improvements, natural elements, and other topographic features. (\$9,050 (fee); 2020)</p> <p><b>Mid City Apartments Phase II, New Orleans, LA.</b> BFM provided comprehensive surveying services associated with Phase II of the Mid City Apartments project in New Orleans. This phase involved the construction layout survey of the Apartment Building and Parking Garage, which consisted of shooting existing elevations, provision of corners, and staking piles. After project completion, an As-Built Survey was executed for both buildings. (\$54,000 (fee); 2019)</p> <p><b>Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA.</b> BFM provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included. (\$16,590 (fee); 2018)</p>

## 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:**

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

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

**Proposed Port Sulphur Library, Plaquemines Parish, LA.** BFM executed boundary and topographic surveying for the entire site (including Lot A and the 2 lots known as Lots B) for the proposed library site located on Highway 23 in Port Sulphur in Plaquemines Parish, Louisiana. The survey included concrete slabs, oak trees, etc. (\$5,250 (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 & Instrumentman for over 20 years for a number of southeastern Louisiana surveying firms on projects throughout the region. His work history includes supervision of field crew personnel, operation of various survey equipment (Topcon GPT, Leica GPS, Total Station, etc.), calculations, information collection, and any & all work required to execute the survey and obtain the information needed. Mr. Patin has worked on projects for various public & private clients, and has performed field work under the direction of the Corps of Engineers.

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

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

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

## 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.

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


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




## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<p><b>Shaun Clements</b> CADD Technician</p>
<b>Project Assignment:</b>
<p>CADD Technician</p>
<b>Name of Firm with which associated:</b>
 <p><b>BFM CORPORATION, LLC</b> Professional Land &amp; Hydrographic Surveying</p>
<b>Years experience with this Firm:</b>
<p>4 years (joined BFM in 2018); 7 years total (2015)</p>
<b>Education: Degree(s)/Year/Specialization:</b>
<p>Associates of Applied Sciences, 2015, Computer Drafting and Design (ITT)</p>
<b>Active registration: Year first registered/discipline:</b>
<p>NA</p>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p><b>Expansion of the Port of New Orleans Cold Storage Facility, Port of New Orleans, LA.</b> BFM provided surveying services for the Cold Storage Facility Expansion Project. The scope of services included a topographic survey; this included establishing three temporary benchmarks (TBMs) and location of improvements &amp; utilities. Spot elevations were taken at 25 foot intervals and at grade breaks within the limits of survey. (\$29,710 (fee); 2020)</p> <p><b>Haynes Academy School, Metairie, Jefferson Parish, LA.</b> BFM prepared a Site Specific Topographic Survey for the project site at Haynes Academy School (part of the Bath Subdivision), located at 1416 Metairie Road. Project elements focused on boundary surveying, improvements throughout the campus, and notably locating the gym class fence. Scope included horizontal &amp; vertical control, TBMs, and location of existing improvements &amp; utilities, piping, and trees. Cross sections were taken, and a finished floor elevation provided of adjacent buildings. Deliverables included print &amp; AutoCAD files. (\$8,400 (fee); 2019)</p> <p><b>Mid City Apartments Phase II, New Orleans, LA.</b> BFM provided comprehensive surveying services associated with Phase II of the Mid City Apartments project in New Orleans. This phase involved the construction layout survey of the Apartment Building and Parking Garage, which consisted of shooting existing elevations, provision of corners, and staking piles. After project completion, an As-Built Survey was executed for both buildings. (\$54,000 (fee); 2019)</p>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Kevin A. Roberts</b> CADD Technician
<b>Project Assignment:</b>
CADD Technician
<b>Name of Firm with which associated:</b>
 Professional Land & Hydrographic Surveying
<b>Years experience with this Firm:</b>
4 years (joined BFM in 2018); 37 years total (1985)
<b>Education: Degree(s)/Year/Specialization:</b>
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>
<b>Active registration: Year first registered/discipline:</b>
NA
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Roberts has experience with civil engineering, offshore engineering, water purification systems, and general architectural and construction design &amp; terminology. He obtained his A.D. in Drafting in 1999, and has taken additional coursework throughout his career.</p> <p><b>Treasure Chest Casino, Kenner, Jefferson Parish, LA.</b> BFM's services included boundary and topographic survey for the project site at the Treasure Chest Casino located on the lakefront in Kenner, Louisiana. BFM established baselines and temporary benchmarks, provided location of existing improvements and visible utilities, provided spot elevations at 25 ft. intervals within limits, and located property corners to establish right-of-way and boundaries. (\$65,940 (fee); ongoing)</p> <p><b>J.C. Ellis Elementary School, Metairie, Jefferson Parish, LA.</b> BFM executed a complete Construction Services Survey for the project. (\$1,760 (fee); 2021)</p> <p><b>Proposed Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA.</b> BFM prepared a site-specific topographic survey for the project site. The scope of services included location of utilities (water &amp; sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark (TBM) and Construction Benchmark (CBM), locating existing improvements, natural elements, and other topographic features. (\$9,050 (fee); 2020)</p>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Dawn Hoffman</b> Researcher/Archivist
<b>Project Assignment:</b>
Researcher/Archivist
<b>Name of Firm with which associated:</b>
 Professional Land & Hydrographic Surveying
<b>Years experience with this Firm:</b>
13 years (joined BFM in 2009); 25 years total (1997)
<b>Education: Degree(s)/Year/Specialization:</b>
A.D., 1999, Computer-Aided Drafting, Southeast College of Technology Certificate, 2003, Introduction to ArcGIS, Louisiana State University
<b>Active registration: Year first registered/discipline:</b>
NA
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Ms. Hoffman serves as BFM's primary researcher and has more than 25 years of experience in this field. She is extremely knowledgeable with regards with researching in various parishes and cities.</p> <p><b>Mid City Apartments Phase II, New Orleans, LA.</b> BFM provided comprehensive surveying services associated with Phase II of the Mid City Apartments project in New Orleans. This phase involved the construction layout survey of the Apartment Building and Parking Garage, which consisted of shooting existing elevations, provision of corners, and staking piles. After project completion, an As-Built Survey was executed for both buildings. (\$54,000 (fee); 2019)</p> <p><b>Celotex Park Servitude Study, Westwego, Jefferson Parish, LA.</b> BFM Corporation was contracted by Jefferson Parish Engineering to provide a servitude survey of the Celotex Park project. The full scope included establishing a baseline Parallel to the proposed 23 ft. servitude. BFM located existing improvements within the proposed servitude, including all utilities. (\$13,650 (fee); 2019)</p> <p><b>New North Terminal, Louis Armstrong New Orleans International Airport, Kenner, LA.</b> BFM provided all required surveying services (topographic, boundary, etc.) as required for this \$800 million project which consists of the construction of a new terminal facility including a new 800,000 square foot building, vehicle ramps, parking garage &amp; lots, and other airport appurtenances. Changes to the scope occurred due to project area expansion and additional service needs by the Prime, all of which were handled by BFM. (\$208,541 (fee); 2014)</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:	
<b>Proposed Lafreniere Park Food Pavilion,</b> Lafreniere Park, Metairie, Jefferson Parish, Louisiana  <b>Meyer Engineers Ltd.</b> 4937 Hearst Avenue, Suite 1B Metairie LA 70001  <b>Jennifer Wickham,</b> 504-885-9892 jwickham@meyer-e-l.com		BFM prepared a site-specific topographic survey for the project site. The scope of services included location of utilities (water & sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark (TBM) and Construction Benchmark (CBM), locating existing improvements, natural elements, and other topographic features.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2020		N/A	\$9,050 (fee)

### PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
<b>Site Specific Topographic Surveys for Multiple School Locations,</b> Jefferson Parish, Louisiana  <b>Jefferson Parish Public Schools Facilities Department</b> 4600 River Road Marrero LA 70072  <b>Steve Faust,</b> 504-349-8595 steve.faust@jppss.k12.la.us		BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. The scope of services included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2020		N/A	\$47,461 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Jefferson Parish Department of Public Works (DPW) Maintenance Building,</b> Jefferson Parish, Louisiana  <b>CDW Services, LLC</b> 721 Papworth Ave Ste 101 Metairie LA 70005  <b>Kevin Myles, 504-828-2061</b> kmyles@cdwservices.com	BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site.  The scope of services included location and provision of top of casting elevations for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey.  Deliverables included an indelible print, high resolution PDF, and AutoCAD drawings.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2020	N/A	\$4,450 (fee)

<b>PROJECT NO. 4</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>East Bank &amp; West Bank Bus Stop Improvements,</b> Jefferson Parish, Louisiana  <b>ECM Consultants, Inc.</b> 4409 Utica Street Suite 200 Metairie LA 70006  <b>Sunina Shrestha, 504-885-4080</b> mail@ecmconsultants.com	BFM's surveying services involved topographic surveying (25 ft grid) for multiple bus stop locations  (East Bank: KL162, KL178, KL24, KL29, KL30, KL32, AP4, KL13, KL181, KL172, AP108)  (West Bank: AV26, AV27, AV3 (6 sites), AV40, AV42, AV43, AV44, AV45, AV47, AV65, AV74, AV76, HL67, MR44, MR52)	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	N/A	\$43,713 (cumulative fee)



## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>New Storage Buildings (New Construction) at Multiple Jefferson Parish Schools,</b> Jefferson Parish, Louisiana  <b>Jefferson Parish School Board Facilities Department</b> 4600 River Road Marrero LA 70072  <b>David Taylor,</b> 504-349-8595 david.taylor@jppss.k12.la.us	BFM's surveying services included boundary surveying, construction benchmarks (CBM). Later services at each site included Top of Form and FEMA Elevation Certificates.  Sites included Johnson Greta Park School, Hazel Park Elementary School, J.C. Ellis Elementary School, Alexander School, Adams Junior High School, W.G. Schneckenburger Elementary School, Judge Collins School, Lincoln Elementary School, Riviere School, Marrero Middle School, and East Jefferson High School.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	N/A	\$54,000 (fee)

<b>PROJECT NO. 6</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Haynes Academy School,</b> Metairie, Jefferson Parish, Louisiana  <b>Jefferson Parish Public Schools Facilities Department</b> 4600 River Road Marrero LA 70072  <b>Steve Faust;</b> 504-349-8595 steve.faust@jppss.k12.la.us	BFM prepared a Site Specific Topographic Survey for the project site at Haynes Academy School (part of the Bath Subdivision), located at 1416 Metairie Road. Project elements focused on boundary surveying, improvements throughout the campus, and notably locating the gym class fence. Scope included horizontal & vertical control, TBMs, and location of existing improvements & utilities, piping, and trees. Cross sections were taken, and a finished floor elevation provided of adjacent buildings. Deliverables included print & AutoCAD files.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	N/A	\$8,400 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Parc Des Familles Visitor Center (Proposed Location Survey),</b> Jefferson Parish, Louisiana  <b>Meyer Engineers Ltd.</b> 4937 Hearst Avenue, Suite B Metairie LA 70001  <b>Raymond J. Brown, 504-885-9892</b> rbrown@meyer-e-l.com	BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2018	N/A	\$16,590 (fee)

<b>PROJECT NO. 8</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Clancy-Maggiore Elementary School for the Arts, Kenner, Jefferson Parish, Louisiana</b>  <b>Jefferson Parish School Board Facilities Department</b> 4600 River Road Marrero LA 70072  <b>David Taylor, 504-349-8595</b> david.taylor@jppss.k12.la.us	BFM provided boundary surveying services for the project, located at 2100 Maine Avenue in Kenner. The scope of services focused on improvements to the site. BFM researched all title data, established a closed traverse around the site, and set a TBM. Elevations were taken across the project site. Spot elevations were plotted, as well as the location of all improvements and topographic features. Utilities were located as were piping and trees/brush of a certain caliper. Deliverables included hardcopy and AutoCAD DWG format files. A later update to the project included a Form Board Certificate (FBC).	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2017	N/A	\$19,940 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>East Jefferson High School Courtyard Improvements,</b> Metairie, Jefferson Parish, Louisiana  <b>Jefferson Parish Public Schools Facilities Department</b> 4600 River Road Marrero LA 70072  <b>Steve Faust;</b> 504-349-8595 steve.faust@jppss.k12.la.us	BFM Corporation provided surveying to collect elevations and locate improvements on the interior courtyards of the East Jefferson High School campus in Metairie, Louisiana. Improvements included drainage structures, sewer cleanouts, electrical boxes, etc. utilizing laser scanning (Leica C10 HDS). A plan view showing topographic features (trees, pavement, piping, etc.) and a contour map are part of the final deliverables for the product.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2016	N/A	\$4,798 (fee)

<b>PROJECT NO. 10</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Marrero Wastewater Treatment Plant Operations Building,</b> Jefferson Parish, Louisiana  <b>Digital Engineering</b> 527 W. Esplanade Ave., Ste. 300 Kenner LA 70065  <b>Timothy Smith,</b> 504-468-6129 tsmith@deii.net	BFM Corporation provided surveying services for the project, located on the West Bank of Jefferson Parish in Marrero. BFM's scope of services included obtaining title data, supplementing with courthouse research as needed. The field survey involved plotting of servitudes and location of improvements, as well as utilities and drainage. Data from the field survey was processed and compared with the title information. Boundary surveying included monumentation and establishing both temporary benchmarks & construction benchmark as well as surveying elevations. Deliverables included indelible prints and AutoCAD DWG format drawing files.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2015	N/A	\$8,573 (fee)

## TEC Professional Services Questionnaire

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

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

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

# BFM CORPORATION, LLC

Professional Land & Hydrographic Surveying

### CRITERIA 1 • PROFESSIONAL TRAINING AND RELEVANT PROJECT EXPERIENCE

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

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

Our capabilities include the following and more:

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

## TEC Professional Services Questionnaire

N. continued.

- **Benchmarks**
- **Construction-Related Surveying**
- **Builder's Package Surveys**
- **American Land Title Association (ALTA) Surveys**

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

Our **Survey Field Crews** are equipped with Leica Captivate Data Collectors as well as Leica GPS Smart Antennas. Each GPS unit is linked to the Leica SmartNet Network, giving each crew the ability for Real Time Kinematic Positioning (RTK), derived from the Global Navigation Satellite System (GNSS). Crews are outfitted with Leica TS series robotic total stations, simplifying and expediting projects. Furthermore, BFM has photogrammetry included into our GS18 GPS Receivers that allow our technicians to capture and utilize point cloud data in the field. The tilt functionality built into the GPS receivers allows for shooting without leveling the rod; this greatly increases speed of fieldwork while keeping accuracy and precision intact. BFM's crews are trained to use this equipment to its full potential to maximize efficiency and accuracy in the field.

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

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

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

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

### **CRITERIA 2 • SIZE OF FIRM**

As noted, BFM has the manpower and equipment to execute any surveying task within the reasonable time set forth by the contract or project engineer. BFM has no issue with meeting the project deadlines set forth by our clients, both municipal and private. It is our continual goal to keep



## TEC Professional Services Questionnaire

N. continued.

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 3 • CAPACITY FOR TIMELY COMPLETION OF NEWLY-ASSIGNED WORK

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

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

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

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

### CRITERIA 4 • PAST PERFORMANCE ON PARISH CONTRACTS

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

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

### CRITERIA 5 • LOCATION OF PRINCIPAL OFFICE

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

## TEC Professional Services Questionnaire

N. continued.

### CRITERIA 6 • 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 7 • 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)
- **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.

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

Signature: 

Print Name: Chad M. Poché, P.E.

Title: Executive Vice President

Date: June 6, 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:	<b>Active</b>



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

**Mr. Chad Mitchell Poche**

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



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

**Mr. Gary James Lambert Jr.**

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



Division of Small and Emerging Business Development  
SEBD CERTIFICATION

## BFM CORPORATION, LLC

is hereby certified as a Small and Emerging Business Enterprise.

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

Issued at Baton Rouge, Louisiana 7/19/2019

This certification expires on: 7/19/2029

Certification No. 9551

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



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

## BFM CORPORATION, LLC

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

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

Certification No. 9551

Stephanie Hartman,  
Director, Small Business Services

**Jefferson Parish TEC  
Professional Services Questionnaire**

**For**

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



## TEC Professional Services Questionnaire

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

**Architectural and Engineering Services for Architectural Type Projects**

**SOQ 22-026 | Resolution No. 139630**

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

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

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

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

## TEC Professional Services Questionnaire

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

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

**Name & Title:**

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

**Project Assignment:**

Engineering Manager; Geotechnical Engineer

**Name of Firm with which associated:**



**Years experience with this Firm:**

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

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

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

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

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

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

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

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

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

## TEC Professional Services Questionnaire

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

*Chad M. Poché, P.E. (continued)*

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

**New Library Building (US90 & Avondale Garden Road), Avondale, Jefferson Parish, LA.** Geotechnical engineering services for the construction of a new public building at the northwest corner land parcels (Square 6, Lots No, 1 through 5) at the intersection of US Highway 90 and Avondale Garden Road in Avondale, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 and 6 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$4,100 (fee); 2020)

**Starlight Studio Phase II Expansion Buildings, New Orleans, LA.** Geotechnical investigation for construction of three new buildings, paved areas, and drainage/utility improvements at 4227 Poche Courty West in New Orleans, LA. Gulf South's scope includes drilling seven undisturbed soil borings (3 at 80 ft.; 4 at 10 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement design recommendations, pond/borrow fill recommendations, estimated capability of pond area to hold water and lining recommendations, and general construction recommendations. (\$10,000 (fee); 2019)

**New Nursing & Allied Health Building, Delgado Community College, New Orleans, LA.** Geotechnical engineering services for the construction of a new building at the northeast corner of City Park Avenue and Orleans Avenue in New Orleans, LA. Gulf South's scope includes drilling six undisturbed soil borings (depths of 6, 60, and 80 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. The project also included performing four infiltration tests. (\$13,500 (fee); 2021)

**Urban Air Building – Bass Pro Boulevard, Denham Springs, Livingston Parish, LA.** Geotechnical investigation for a new single-story commercial building (approx. 30,000 sq ft.) with adjacent paved driveway and parking areas off Bass Pro Blvd. in Denham Springs, LA. Gulf South's scope includes drilling 11 undisturbed soil borings to a depth of 30 feet (3 for pond areas), 24 feet (5 for building), and 8 feet (3 for paved areas), laboratory testing, and engineering analyses including allowable soil bearing values, allowable shaft load capacities (as appropriate), estimates of settlement, pond borrow/fill recommendations, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$12,500 (fee); 2018)

**River Pointe Townhouses, LA Hwy 44 & LA Hwy 941, Ascension Parish, LA.** Geotechnical investigation for a new residential apartment complex located at the intersection of LA Hwy. 44 and LA Hwy. 941 in Ascension Parish, LA. the complex will consist of 20 apartment buildings and 2 miscellaneous office/maintenance structures. Gulf South's scope of work includes drilling 22 soil borings each to a depth of 20 feet, laboratory testing, and geotechnical engineering services consisting of providing allowable soil bearing values, allowable shaft load capacities, estimates of settlement, rigid and flexible pavement recommendations, and general construction recommendations. (\$16,500 (fee); 2014)

## TEC Professional Services Questionnaire

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

**Name & Title:**

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

**Project Assignment:**

Geotechnical Engineer

**Name of Firm with which associated:**



**Years experience with this Firm:**

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

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

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

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

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

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

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

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

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



## TEC Professional Services Questionnaire

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

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

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

**New Building and Pavements (SE Freight Lines Facility), Destrehan, St. Charles Parish, LA.** Geotechnical engineering services for the construction of a new freight truck facility in Destrehan, LA. Gulf South's scope includes drilling 16 undisturbed soil borings (three at 80 ft, three at 60 ft, and 10 at 6 ft below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$30,000 (fee); 2020)


**River Pointe Townhouses, LA Hwy 44 & LA Hwy 941, Ascension Parish, LA.** Geotechnical investigation for a new residential apartment complex located at the intersection of LA Hwy. 44 and LA Hwy. 941 in Ascension Parish, LA. the complex will consist of 20 apartment buildings and 2 miscellaneous office/maintenance structures. Gulf South's scope of work includes drilling 22 soil borings each to a depth of 20 feet, laboratory testing, and geotechnical engineering services consisting of providing allowable soil bearing values, allowable shaft load capacities, estimates of settlement, rigid and flexible pavement recommendations, and general construction recommendations. (\$16,500 (fee); 2014)

**New Nursing & Allied Health Building, Delgado Community College, New Orleans, LA.** Geotechnical engineering services for the construction of a new building at the northeast corner of City Park Avenue and Orleans Avenue in New Orleans, LA. Gulf South's scope includes drilling six undisturbed soil borings (depths of 6, 60, and 80 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. The project also included performing four infiltration tests. (\$13,500 (fee); 2021)

**Urban Air Building – Bass Pro Boulevard, Denham Springs, Livingston Parish, LA.** Geotechnical investigation for a new single-story commercial building (approx. 30,000 sq ft.) with adjacent paved driveway and parking areas off Bass Pro Blvd. in Denham Springs, LA. Gulf South's scope includes drilling 11 undisturbed soil borings to a depth of 30 feet (3 for pond areas), 24 feet (5 for building), and 8 feet (3 for paved areas), laboratory testing, and engineering analyses including allowable soil bearing values, allowable shaft load capacities (as appropriate), estimates of settlement, pond borrow/fill recommendations, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$12,500 (fee); 2018)

**Starlight Studio Phase II Expansion Buildings, New Orleans, LA.** Geotechnical investigation for construction of three new buildings, paved areas, and drainage/utility improvements at 4227 Poche Courty West in New Orleans, LA. Gulf South's scope includes drilling seven undisturbed soil borings (3 at 80 ft.; 4 at 10 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement design recommendations, pond/borrow fill recommendations, estimated capability of pond area to hold water and lining recommendations, and general construction recommendations. (\$10,000 (fee); 2019)

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
<b>Name &amp; Title:</b>	
<b>Joseph H. “Trey” Binder, III</b> Laboratory Manager	
<b>Project Assignment:</b>	
Laboratory Manager; Laboratory Technician	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <b>ENGINEERING AND TESTING, INC.</b>  <small>Geotechnical &amp; Materials Consultants</small> </div> </div>	
<b>Years experience with this Firm:</b>	
11 years with this firm (2011); 16 years total (2006)	
<b>Education: Degree(s)/Year/Specialization:</b>	
A.D., 2011, General Studies, Nunez Community College	
<b>Active registration: Year first registered/discipline:</b>	
N/A	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<div style="display: flex;"> <div style="flex: 1;"> <p>Trey Binder has direct experience with field and laboratory testing services. Mr. Binder’s field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, vibration monitoring, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring. In the laboratory, Mr. Binder has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, Atterberg limits, organic content tests, moisture and density tests, Proctor compaction tests, sieve analyses, and sample extrusion.</p> </div> <div style="flex: 1; border: 1px solid black; padding: 5px; margin-left: 10px;"> <ul style="list-style-type: none"> <li>HAZMAT Awareness</li> <li>HAZMAT Operations Training</li> <li>ACI Aggregate Base Testing Technician</li> <li>ACI Concrete Strength Testing Technician</li> </ul> </div> </div> <p><b>New Building and Pavements (SE Freight Lines Facility), Destrehan, St. Charles Parish, LA.</b> Geotechnical engineering services for the construction of a new freight truck facility in Destrehan, LA. Gulf South’s scope includes drilling 16 undisturbed soil borings (three at 80 ft, three at 60 ft, and 10 at 6 ft below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$30,000 (fee); 2020)</p> <p><b>New North Terminal – Parking Garage, Louis Armstrong New Orleans International Airport, LA.</b> Gulf South performed field &amp; lab testing during construction of the Parking Garage for the new terminal project in Kenner, LA. Gulf South provided QA oversight of the contractor for the owner for this \$1.2B project which consists of the construction of a new terminal facility including a new 800,000 sf building, vehicle ramps, parking, etc. QA inspection consists of pile monitoring, concrete inspection and testing, earthwork testing and inspection, and steel inspection. (\$250,000 (fee); 2019)</p>	

## TEC Professional Services Questionnaire

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

*Joseph H. Binder, III (continued)*

**First Apostolic School, Lafayette, LA.** Geotechnical investigation for gathering information for settlement/ movements of existing structures (auditorium and cafeteria) at the subject site after experiencing the 2016 summer floods. Gulf South's scope includes drilling twelve undisturbed soil borings (depths of 20 ft. , 10 ft., & 6 ft.) and providing engineering analyses including allowable soil bearing values, allowable shaft load capacities, estimate of settlement, commentary on potential reasons and repair solutions for building movements, and general construction recommendations. (\$17,500 (fee); 2018)

**Chackbay Elementary School (LA Hwy 20), Chackbay, Lafourche Parish, LA. Geotechnical investigation for a new elementary school off LA Highway 20 in Chackbay, LA.** Gulf South's scope includes drilling 11 soil borings to depths from 6 feet to 80 feet, laboratory testing (strength and classification), and geotechnical engineering analyses including allowable soil bearing values, allowable pile and/or shaft load capacities (as appropriate), estimates of settlement, rigid pavement design recommendations, and general construction procedures and recommendations. (\$17,000 (fee); 2017)

**River Pointe Townhouses, LA Hwy 44 & LA Hwy 941, Ascension Parish, LA.** Geotechnical investigation for a new residential apartment complex located at the intersection of LA Hwy. 44 and LA Hwy. 941 in Ascension Parish, LA. the complex will consist of 20 apartment buildings and 2 miscellaneous office/ maintenance structures. Gulf South's scope of work includes drilling 22 soil borings each to a depth of 20 feet, laboratory testing, and geotechnical engineering services consisting of providing allowable soil bearing values, allowable shaft load capacities, estimates of settlement, rigid and flexible pavement recommendations, and general construction recommendations. (\$16,500 (fee); 2014)

**Urban Air Building – Bass Pro Boulevard, Denham Springs, Livingston Parish, LA.** Geotechnical investigation for a new single-story commercial building (approx. 30,000 sq ft.) with adjacent paved driveway and parking areas off Bass Pro Blvd. in Denham Springs, LA. Gulf South's scope includes drilling 11 undisturbed soil borings to a depth of 30 feet (3 for pond areas), 24 feet (5 for building), and 8 feet (3 for paved areas), laboratory testing, and engineering analyses including allowable soil bearing values, allowable shaft load capacities (as appropriate), estimates of settlement, pond borrow/ fill recommendations, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$12,500 (fee); 2018)

**Edward A. Dufresne Community Center - New Walkway and Light Poles, Luling, St. Charles Parish, LA.** Geotechnical engineering services for the construction of a new walkway and light poles at 274 Judge Edward Dufresne Parkway in Luling, LA. Scope includes drilling two undisturbed soil borings each to a depth of 60 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$7,800 (fee); 2021)

**Mid City Apartments (Phase I), New Orleans, LA.** Gulf South performed field and laboratory testing services during the construction of multiple apartment buildings, including paving & roadways, located at 3601 Conti Street in New Orleans. Scope of services consisted of vibration monitoring, timber pile inspection at the plant and during driving, earthwork testing & inspection, concrete testing & inspection, steel inspection, welding inspection, and mold remediation. Construction layout surveying services were executed as part of Phase II of the project. The project is valued at \$15 million. (\$200,000 (fee); 2019)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Sara E. Lockwood, E.I.**

Associate Geotechnical Engineer

**Project Assignment:**

Associate Geotechnical Engineer/Engineering Intern

**Name of Firm with which associated:**



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

**Years experience with this Firm:**

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

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

B.S., 2019, Civil Engineering, University of New Orleans

B.S., 2016, Physics, Loyola University

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

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

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

Sara E. Lockwood, E.I., is serving as an Associate Geotechnical Engineer, providing such duties as project management, geotechnical engineering analyses, and field & laboratory

testing & inspection. Her coursework included such disciplines as foundation engineering, soil mechanics, geotechnical engineering, structural concrete & structural steel design, and sustainability principals. She worked as an intern during her college career for a local consulting group, assisting on a variety of environmental studies for infrastructure projects, and preparing regulatory permit applications, as well as preparation of various components of Louisiana DEQ and NEPA documents.

- Society of Women Engineers
- American Society of Civil Engineers

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

**New Building and Pavements (SE Freight Lines Facility), Destrehan, St. Charles Parish, LA.** Geotechnical engineering services for the construction of a new freight truck facility in Destrehan, LA. Gulf South's scope includes drilling 16 undisturbed soil borings (three at 80 ft, three at 60 ft, and 10 at 6 ft below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$30,000 (fee); 2020)

## TEC Professional Services Questionnaire

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

*Sarah E. Lockwood (continued)*

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

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

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

**New Nursing & Allied Health Building, Delgado Community College, New Orleans, LA.** Geotechnical engineering services for the construction of a new building at the northeast corner of City Park Avenue and Orleans Avenue. Scope includes drilling six undisturbed soil borings (depths of 6, 60, and 80 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. The project also included performing four infiltration tests. (\$13,500 (fee); 2021)

**New Buildings and Paved Area, Louisiana Medal of Honor Park, Belle Chasse, Plaquemines Parish, LA.** Geotechnical engineering services for the construction of new buildings and paved areas at the Medal of Honor Park off Barriere Road in Belle Chasse, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 50 and 10 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$10,300 (fee); 2021)

**New Sidewalks and Drainage (LA SAFE Project), LaPlace, St. John the Baptist Parish, LA.** Geotechnical engineering services as part of the LA SAFE program consisted of new sidewalks and drainage along Airline Highway and Main Street in LaPlace, LA. Gulf South's scope includes drilling 12 undisturbed soil borings to depths of 10 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$12,000 (fee); 2020)

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



## TEC Professional Services Questionnaire

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

**Name & Title:**

**Bryson S. Beard, E.I.**

Associate Geotechnical Engineer/Field Engineer

**Project Assignment:**

Associate Geotechnical Engineer/Field Engineer

**Name of Firm with which associated:**



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

**Years experience with this Firm:**

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

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

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

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

2022, Engineer In Training (Georgia, No. EIT029180)  
*Louisiana License In Process*

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

Bryson S. Beard, E.I., is an Associate Geotechnical Engineer/Field Engineer who is primarily serving as a field engineer with Gulf South's drilling crews and providing office support as needed. His experience in the field includes surface and subsurface soil sampling, water sampling, and soil classification. Mr. Beard's work experience further includes core logging and oversight of groundwater monitoring well installations, piezometers, and inclinometers. He has been responsible for the preparation of reports and Facility Response Plans. Further, he is a START V Region 4 Responder, and can be used whenever there is a large spill/release of harmful chemical or substance. Mr. Beard is experienced with laboratory sample preparation and testing.

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

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

## TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

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

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

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

**Lift Station No. F6-2 (W. Napoleon Blvd.), Metairie, Jefferson Parish, LA.** Gulf South provided geotechnical engineering services for upgrading an existing below grade sewer lift station (No. F6-2) off West Napoleon Boulevard in Metairie, LA. Gulf South's scope includes drilling a single boring to a depth of 60 feet below the ground surface, laboratory testing, engineering analyses (soil bearing values, bedding & backfill, pile capacities, and estimates of settlement) and general construction procedures and recommendations. (\$5,000 (fee); 2022)

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

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

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

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Jermaine George**  
Senior Soil Boring Driller

**Project Assignment:**

Senior Soil Boring Driller

**Name of Firm with which associated:**



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

**Years experience with this Firm:**

less than 1 year with this firm (2022); 22 years total (2000)

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

High School Diploma

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

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

Jermaine George serves as a Senior Driller for Gulf South Engineering and Testing, providing drilling services on a variety of projects. He has 15 years of field experience, setting up, operating, and tending drilling machines to drill, bore, and ream, at project locations throughout Louisiana, Alabama, and Florida. Mr. George has drilled thousands of soil borings and installed monitor wells, piezometers, and inclinometers. He has operated various types of drilling equipment (truck, track, ATV, buggy, rotary wash, hollow stem, etc.) in many different environments. In addition, he has performed soil borings over water on a barge and using barge drilling equipment. Mr. George is very familiar with the soils of Louisiana.

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

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

## TEC Professional Services Questionnaire

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

#### Name & Title:

**Mike McKnight**  
Soil Boring Driller Apprentice

#### Project Assignment:

Soil Boring Driller Apprentice

#### Name of Firm with which associated:



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

#### Years experience with this Firm:

less than 1 year with this firm (2022); 14 years total (2008)

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

Coursework, 2020, Tank Barge Dangerous Liquids, Delgado  
Coursework, 2020, Basic Fire Fighting, Delgado  
Coursework, 2018, Electrical Services, Delgado

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

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

Mike McKnight is a Soil Boring Driller Apprentice with Gulf South Engineering and Testing, providing drilling support services. He has experience with various types of drilling rigs (truck, track, buggy, rotary wash, etc.) in many different environments. Mr. McKnight has previous experience serving as a Meter Technician, providing installation, maintenance, and investigation of gas metering. He has also served as a deckhand for the LabMar Ferry, both in standard duties and in providing support to the vessel's engineer with engine room duties and discharging of hazardous cargo. Mr. McKnight is a veteran of the United States Navy, having served as a Deckhand, Boatswain's Mate, and Quartermaster from 2004 to 2008.

- Electrical Level 1 and 2, since 2018
- Tank Barge Dangerous Liquids, since 2018
- CDL A Permit, since 2018
- OSHA
- TWIC

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

## 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:	
<b>Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Dept.,</b> Bridge City, Jefferson Parish, Louisiana  <b>Jefferson Parish Fire Department</b> <b>c/o Meyer Engineering Ltd.</b> 4937 Hearst Street Suite B Metairie LA 70001  <b>Donovan Duffy, P.E.,</b> 504-885-9892 dduffy@meyer-e-l.com		Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$6,000 (fee); 2020)	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2020		N/A	\$6,000 (fee)

### PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
<b>Treasure Chest Casino,</b> Kenner, Jefferson Parish, Louisiana  <b>Boyd Gaming Corporation</b> 6465 S. Rainbow Boulevard Las Vegas NV 89118  <b>Melissa Kindhart,</b> 702-696-1111 melissakindhart@boydgaming.com		Geotechnical engineering services for the construction of a casino facility (Treasure Chest) in Kenner, LA. Gulf South's scope includes drilling 20 undisturbed soil borings to depths of 8, 60, 80 & 100 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2020		N/A	\$53,760 (fee)



## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>New Library Building (US90 &amp; Avondale Garden Rd),</b> Avondale, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish</b>  <b>c/o N-Y Associates, Inc.</b>                      2750 Lake Villa Drive                      Metairie LA 70002</p> <p><b>Michael G. Buisson, Jr.,</b>                      AIA, NCARB, LEED AP                      504-885-0500                      mbuisson@n-yassociates.com</p>	<p>Geotechnical engineering services for the construction of a new public building at the northwest corner land parcels (Square 6, Lots No, 1 through 5) at the intersection of US Highway 90 and Avondale Garden Road in Avondale, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 and 6 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2020	N/A	\$4,100 (fee)

<b>PROJECT NO. 4</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>New Building and Parking Lot, East Bank Juvenile Services,</b> Jefferson Parish, Louisiana</p> <p><b>Sizeler Thompson Brown Architects</b>                      300 Lafayette Street, Suite 200                      New Orleans LA 70130</p> <p><b>Thomas M. Brown, AIA,</b> 504-523-6472                      tbrown@sizeler.com</p>	<p>The project consists of construction of a new two-story building and parking lot at the project site located at the corner of Airline Drive and David Drive. Gulf South's scope of work included drilling a total of six undisturbed soil borings (four at 8 ft and two at 80 ft) and performing laboratory testing and geotechnical engineering analyses. This included allowable pile load capacities, estimates of settlement, flexible and rigid paving design recommendations, seismic class determination, and general construction procedures and recommendations.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2022	N/A	\$14,500 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Harvey Volunteer Fire Department New Truck Maintenance Facility (Rochelle Ave),</b> Harvey, Jefferson Parish, Louisiana  <b>N-Y Associates, Inc.</b> 2750 Lake Villa Drive Metairie LA 70002  <b>Michael G. Buisson, Jr.,</b> <b>AIA, NCARB, LEED AP</b> 504-885-0500 mbuisson@n-yassociates.com	Gulf South provided geotechnical engineering services for the construction of a new truck maintenance facility for the Harvey Volunteer Fire Department on Rochelle Avenue in Harvey, LA. The scope of services includes drilling six undisturbed soil borings (depths of 60 feet and 6 feet below ground surface), laboratory testing, engineering analyses (foundation, paving, fill, and surcharge recommendations) and general construction procedures and recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2021	N/A	\$9,500 (fee)

<b>PROJECT NO. 6</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>New Building and Paved Areas, Jefferson Parish Transit Facility,</b> Jefferson Parish, Louisiana  <b>Burgdahl &amp; Graves Architects</b> 2550 Belle Chasse Hwy, Suite 130 Gretna LA 70053  <b>Russell I. Burgdahl, 504-366-4433</b> rburgdahl@burgdahlgraves.com	Geotechnical engineering services for the construction of a new building located at 118 David Drive in Kenner, LA. Gulf South's scope includes drilling four undisturbed soil borings (depths of 60 and 10 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2020	N/A	\$8,900 (fee)

## TEC Professional Services Questionnaire

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

<b>PROJECT NO. 8</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Clancy-Maggiore Elementary School – New Art and Band Wing,</b> Kenner, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish School Board</b> <b>c/o Meyer Engineers, Ltd.</b> 4937 Hearst Street, Suite 1B Metairie LA 70001</p> <p><b>Mark A. Schutt, P.E., 504-885-9892</b> mschutt@meyer-e-l.com</p>	<p>Geotechnical investigation for a new art and band building (10,000 sf) in Kenner, LA. Gulf South's scope includes drilling two soil borings to depths of 60 feet and 40 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimate of settlement, and general construction procedures and recommendations.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2016	N/A	\$6,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Jefferson Parish Fire Fleet Maintenance Facility - New Paved Areas</b> , Jefferson Parish, Louisiana  <b>Linfield Hunter &amp; Junius</b> 18th Street, Suite 200 Metairie LA 70002  <b>Benjamin Chadwick, AIA</b> , 504-833-5300 bchadwick@lhjunius.com	Geotechnical engineering services for the construction of new paved areas for fire trucks at the Jefferson Parish Fleet Maintenance facility at 4901 Jefferson Highway in Jefferson, LA. Gulf South's scope includes drilling four undisturbed soil borings (b.g.s.; four at 8 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	N/A	\$2,800 (fee)

<b>PROJECT NO. 10</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>New Gymnasium Building Addition – Lamar Dixon Expo Center</b> , Gonzales, Ascension Parish, Louisiana  <b>Meyer Engineers, Ltd.</b> 4937 Hearst Street, Suite 1B Metairie LA 70001  <b>Jitendra Shah, P.E.</b> , 504-885-9892 jshah@meyer-e-l.com	Geotechnical engineering services for the construction of a new building addition and new associated paved areas (north and east side of addition) at the subject site. Gulf South's scope includes drilling soil borings (one at 50 ft., one at 20 ft., two at 6 ft.), laboratory testing, engineering analyses (including allowable soil bearing values, allowable shaft/pile load capacities, estimate of settlement), rigid and/or flexible pavement design recommendations, and general construction procedures & recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	N/A	\$6,500 (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 • 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 3 • CAPACITY FOR TIMELY COMPLETION OF NEWLY-ASSIGNED WORK

The Principals and key employees of Gulf South have many years of applicable experience in working for and with Government Agencies and private industry. Founding principal and Vice President of Gulf South, Chad M. Poché, P.E., has been a practicing registered geotechnical engineer in South Louisiana 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 4 • PAST PERFORMANCE ON PARISH CONTRACTS

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

- 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 Ridgeline 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

## TEC Professional Services Questionnaire

### **N. continued.**

- 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
- 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.

### **CRITERIA 5 • LOCATION OF PRINCIPAL OFFICE**

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

### **CRITERIA 6 • ADVERSARIAL LEGAL PROCEEDINGS WITH PARISH**

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

## TEC Professional Services Questionnaire

N. continued.

### CRITERIA 7 • PRIOR SUCCESSFUL COMPLETION OF PROJECTS

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

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

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

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

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

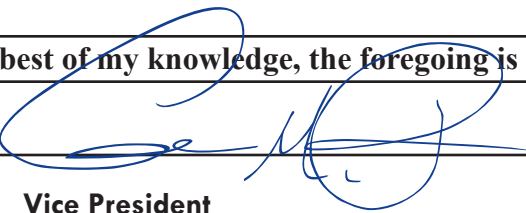
**Tom Schreiner**, Deputy CAO, Public Works & Capital Projects, City of Kenner  
(504-468-7515 | tschreiner@kenner.la.us)

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

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

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

Signature:



Print Name:

Chad M. Poché, P.E.

Title:

Vice President

Date:

June 6, 2022

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

**Name:**

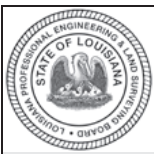
Gulf South Engineering and Testing, Inc.

**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**



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

**Mr. Blake Elliot Vutera**

License/Certificate Type - Number

PE.0038607

Expiration Date

09/30/2022

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





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

  
Jim Tymon,  
AASHTO Executive Director

  
Moe Jamshidi,  
AASHTO COMP Chair

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



**USACE CERTIFICATE  
OF  
LABORATORY VALIDATION**



**Gulf South Engineering and Testing**

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

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

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

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

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

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

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

**SOILS**

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



**GULF SOUTH**

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