

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Architectural design, engineering, pre-construction services and construction management for the construction of a Greater New Orleans Food & Beverage Incubator

B. Firm Name & Address:

MURRAY ARCHITECTS, INC.
13760 RIVER ROAD
DESTREHAN, LA 70047

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:

Michael J. Tabb, AIA LA License No. 6959
Principal / Architect
tabb@murrayarchitects.net
985-764-7275

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.

Michael J. Tabb, AIA LA License No. 6959
Principal / Architect
tabb@murrayarchitects.net
985-764-7275

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

<u>1</u> Administrative	<u>3</u> Estimators	<u>3</u> Specification Writers
<u>3</u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u> </u> Civil Engineers	<u> </u> Interior Designers	<u> </u> Project Managers
<u>3</u> Construction Inspectors	<u> </u> Landscape Architects	<u>3</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u> </u> Engineer Intern	<u> </u> Environmental Engineers	<u>2</u> AutoCAD Draftspersons
<u> </u> Professional Land Surveyors		<u>12</u> TOTAL

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

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

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

1.

2.

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

YES ☐ NO ☐

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

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. Crumb Engineering, LLC 4609 Fairfield Street Metairie, LA 70006	Mechanical Engineering	Yes
2. Creative Engineering Group 201 Highland Park Plaza Covington, LA 70433	Electrical Engineering	Yes
3. Carubba Engineering, Inc. 4300 Hessmer Avenue Metairie, LA 70002	Civil / Structural Engineering	Yes
4. Gulf South Engineering 14 Williams Blvd. Kenner, LA 70062	Testing & Inspection	Yes
5. BFM Corporation 14 Williams Blvd. Kenner, LA 70062	Surveying	Yes

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

12 _____

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:

Michael J. Tabb, AIA Principal / Architect

Project Assignment:

Project Architect

Name of Firm with which associated:

Murray Architects, Inc.

Years' experience with this Firm:

22 Years

Education: Degree(s)/Year/Specialization:

Louisiana Tech University
Bachelor of Architecture / 2002

Active registration: Year first registered/discipline:

2008 / Louisiana Architect License No. 6959

Other experience and qualifications relevant to the proposed Project:

Michael has twenty-two years of architectural experience in the New Orleans area, with expertise in government and educational facilities. Michael's responsibilities include all phases of the architectural design and construction process, overseeing a project from the design through construction completion phases. This enables him to ensure every level of a project is completed to his high level of quality standards. In his role as project architect, Michael has been responsible for the design and construction of numerous hospitals, airport/transportation, and educational facility projects. As an advocate of participatory design, he works in partnership with his clients, actively listening to their needs and concerns. He attends meetings to address any issues concerning a specific project or to update the status of a project. Michael believes that an interactive approach to field observation is also necessary if a project is to be a success. He has excellent problem-solving skills and a proven record for completing projects of the highest quality, on time, and within budget. Michael brings a dedication to thoroughness and attention to detail to every project that he oversees.

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:	
Edible Enterprises Norco, Louisiana Bob Messerly bmesserly@stcharlesgov.net	Building renovation of a 9,865 square foot building that housed three fully functional kitchens, packaging, storage and office spaces. Renovation included the installation of new interior stud walls, new floor and ceiling finishes, new electrical, new air conditioning and heating units, and new toilet facilities.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2009	\$803,413	\$803,413

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Royal House Restaurant New Orleans, Louisiana Creole Cuisine Marv Ammari marvammari@hotmail.com	Design and Construction Administration to convert exiting residential French Quarter building into Royal House Restaurant.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$1,756,112	\$1,756,112

PROJECT NO. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Houmas House Plantation Davant, Louisiana Jimmy Blanchard garconierre@gmail.com	Renovations and construction of multiple buildings/structures. The projects consisted of the following: Turtle Bar Renovation Carriage House Restaurant - New Building Steamboat Overlook -Museum and Restaurant and Bar Houmas House Cottages	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$12,588,447	\$12,588,447

PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Irongate Restaurant Luling, Louisiana Steve Louque s.louque@lamarcontractors.com	Design and Construction Administration to construct a 5,398 square foot restaurant that focuses on catering to local plants	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$1,644,147	\$1,644,147

PROJECT NO. 5

PROJECT NO. 5		
Project Name, Location and Owner's contact information:		Nature of Firm's Responsibility:
Parkview Shopping Center El Paso Restaurant Lutcher, Louisiana Steve Louque s.louque@lamarcontractors.com		Design and Construction Administration to construct a 12,000 square foot linear mall and a tenant buildout of a 3,000 square foot restaurant
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$1,965,584	\$1,965,584

PROJECT NO. 6

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

PROJECT NO. 7

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

PROJECT NO. 8

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

PROJECT NO. 9

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

PROJECT NO. 10

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

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. Not Applicable		
2.		
3.		
4.		

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

Executive Summary

Murray Architects, Inc., founded in St. Charles Parish in 1957, is an architectural design firm with over 65 years of experience. Our architectural design services include public buildings, schools, churches, commercial buildings, roof designs and land planning. Murray Architects, Inc. also provides construction management services.

Murray Architects, Inc. has a unique experience factor in that both Paul Murray, Jr. and Joey Murray are licensed by the Louisiana State Licensing Board for Contractors in Building Construction. They have practiced as general contractors building subdivisions and commercial buildings throughout Southeast Louisiana. Actual construction experience has enabled Murray Architect to have a keen insight to the methods and scheduling of construction, allowing greater control of the design process to ensure a well-constructed building within budget.

Murray Architects, Inc. has extensive knowledge in the design of facilities that are functional for public use using contemporary designs offering an open and welcoming feeling. We will work closely with the Jefferson Parish Economic Development Commission from conceptual design through schematic design to develop the best facility to meet their needs.

Management Plan

To be successful, there must be alignment between all project team members. Once the project scope has been validated, it must then be disseminated to all members of the project team, and each must understand their roles and responsibilities. Murray Architects, Inc. design team is experienced and can think "outside of the box" and develop unconventional solutions if needed to achieve a cost-effective balance of safety, function, maintainability, and delivery for the project.

The project definition and scope are developed initially from the information provided by the owner. A definitive scope with corresponding budget and schedule, which are mutually understood by the designer and owner at the onset of a project, is one of the most critical factors to the success of the project. Each element of the project scope is analyzed and evaluated to ensure the appropriate design solution is provided and the most advantageous construction sequence is determined. Extensive checklists are used to ensure scope items are thoroughly examined. Murray Architects, Inc. will make recommendations, where opportunities exist, to enhance value for the owner. In this manner, value engineering begins at project inception and continues throughout the project.

We believe projects benefit from being divided into milestones; every milestone will provide the steppingstone to the next event. Different types of projects will develop their own milestone criteria and can be grouped into types of construction.

For example, a total site redevelopment may require demolition and site work before new construction can begin. We would propose the Owner phase this project into three (3) milestone events: (1) Demolition, (2) Site Work / Paving and (3) Building Construction.

This would allow for receiving bids for the demolition work, while the site work phase and building construction phases are in design. The 2nd milestone event of construction would be site work and paving area work which allows specialty contractors to perform their work while the building is being designed and bid. This type of phasing saves general contractor mark-up on the first two milestone events.

When the final building design plans are being completed and ready to bid, the contractor would be bidding the roof replacement with the contractor's staging and lay-down area in place for that phase of the project. This method saves the owner money and better manages the project cost.

We have experience with working with political subdivisions and facility management companies comprised of fellow design professionals, as well as lay-persons to develop the pre-design, schematic design, design development, construction documents and construction administration scope of services required to achieve the desired outcome.

We have taken great pride in being able to work within both spectrums to achieve programs that meet the needs and expectations of the owner. Once the schematic design and design development have been identified, refined, and approved, the preparation of construction documents can begin. These design elements include architectural, structural, civil and site engineering as well as mechanical, electrical, and plumbing design.

During the preparation of construction drawings, we will coordinate procurement of surveying services for elevations that will affect flashing heights required to receive manufacturer's warranty as well as plans a) to the State Fire Marshal for approval of ADA and Life Safety elements and b) to the Jefferson Parish Permit Office for review of parish code requirements.

Murray Architects utilizes the tools provided for in the AIA General Conditions and the specifications set forth in the Project Manual. We also put into practice the years of experience working with Contractors to keep projects on time and within budget.

Approach and Methodology

To execute a successful design project, Murray Architects, Inc. ensures the following factors are addressed:

- A project scope which defines budget, schedule, and anticipated performance goals.
- Clearly defined roles and responsibilities for all project team members.
- An Owner representative authorized to make quick decisions in support of the project requirements.
- Selection of team members who have specific experience for the design project at hand.
- A team commitment to the project's technical goals as defined by the Owner.

Staffing Plan

The following Members will be assigned to this project:

Michael J. Tabb, AIA, Architect/Project Manager

Jason Crumb, PE – Mechanical Engineering

Ray Nolan, PE – Electrical Engineering

Roy Carubba, PE – Civil / Structural Engineering

Chad Poche, PE – Geotechnical Engineering & Testing

Ralph Fontcuberta, Jr., PLS - Surveying

Current Workload

Murray Architects, Inc. can perform the services of the request for qualifications. Our current workload will allow proper attention to this project. Murray Architects, Inc. will provide professional services through all phases of the project (Schematic, Design Development, Construction Documents and Construction Administration).

References

Creole Cuisine

Marv Ammari

New Orleans, Louisiana

marvammari@hotmail.com

St. Charles Parish

Bob Messerly

Hahnville, Louisiana

bmesserly@stcharlesgov.net

St. Charles Parish Public Schools

Mr. John P. Rome, Jr.

Executive Director Physical Plant Services

St. Charles Parish Public Schools

13855 River Road

Luling, LA 70070

985-785-6289

jrome@wearescpss.org

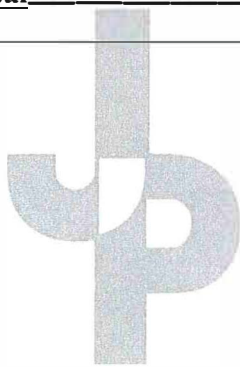
St. Charles Parish District Attorney's Office

Joel T. Chaisson, II
District Attorney
St. Charles Parish
15045 River Road
Hahnville, LA 70057
985-783-6263
joelchaisson@stcharlesda.org

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

Signature:  Print Name: Michael Tchb

Title: Principal Date: 12/6/2024



Jefferson
Parish
State of Louisiana

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Architectural design, engineering, pre-construction services and construction management for the construction of a Greater New Orleans Food & Beverage Incubator

Jefferson Parish Economic Development Commission (JEDCO)

B. Firm Name & Address:

Crumb Engineering, LLC
4609 Fairfield St.
Metairie, LA 70006

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:

Jason T. Crumb
President/Principal
Engineer
504-455-4450
jcrumb@crumbengineering.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.

Jason T. Crumb
President/Principal
Engineer
504-455-4450
jcrumb@crumbengineering.com

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

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

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

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

TEC Professional Services Questionnaire

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

1. N/A

2. N/A

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

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

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

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Jason T. Crumb

Project Assignment:

Professional Engineer - Mechanical

Name of Firm with which associated:

Crumb Engineering, LLC

Years' experience with this Firm:

17 years

Education: Degree(s)/Year/Specialization:

Bachelor of Science / 1992 / Mechanical Engineering

Active registration: Year first registered/discipline:

1998 / Mechanical Engineering

Other experience and qualifications relevant to the proposed Project:

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Jason T. Crumb, P.E.
Project Assignment: Mechanical Engineering
Name of Firm with which associated: Crumb Engineering, LLC
Years' experience with this Firm: 17 years
Education: Degree(s)/Year/Specialization: Bachelor of Science / 1992 / Mechanical Engineering
Active registration: Year first registered/discipline: 1998 / Mechanical Engineering
Other experience and qualifications relevant to the proposed Project:

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Jason Crumb Jr.
Project Assignment: Engineering Intern
Name of Firm with which associated: Crumb Engineering, LLC
Years' experience with this Firm: 7 years
Education: Degree(s)/Year/Specialization: Bachelor of Science / 2021 / Mechanical Engineering
Active registration: Year first registered/discipline: N/A
Other experience and qualifications relevant to the proposed Project:

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Drago's Baton Rouge 4580 Constitution Ave Baton Rouge, LA 70808	Renovation of existing building for 13,000 sq. ft. new restaurant. Crumb Engineering provided the Mechanical, Plumbing, and Fire Protection design.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$3,500,000	\$950,000

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Dairi-O Restaurants (Multiple Locations in North Carolina)	Crumb Engineering completed the mechanical and plumbing design of the chain restaurant at multiple locations. Each restaurant is approximately 5,000 square feet.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018-2023	\$2,000,000	\$500,000

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Louisiana National Guard Franklinton Readiness Center Franklinton, LA	New readiness center for the Louisiana National Guard. Project included a full kitchen, with walk-in coolers and freezers. Crumb Engineering provided the plumbing, HVAC, and Fire Protection design.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
	2016	\$11,500,000 \$2,000,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Palace Café Restaurant Renovations 605 Canal Street New Orleans, LA	Kitchen and Bar Renovation. Crumb Engineering provided Plumbing, HVAC, and sprinkler design.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
	2015	\$3,000,000 \$850,000

TEC Professional Services Questionnaire

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PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Meril Restaurant (Emeril Lasagne Brand) 400 Girod Street New Orleans, LA	New Restaurant design. Crumb Engineering provided Plumbing, HVAC, and Fire Protection.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016	\$2,500,000	\$800,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Burger King (Various Restaurants across the Southeast) iArchitecture	Plumbing and HVAC design for over 30 new locations and renovated buildings.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016-2023	\$2,000,000	\$300,000

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Martin's Wine Cellar 3822 Baronne Street New Orleans, LA	Renovation of existing 14,000 sq.ft. building. Crumb Engineering provided HVAC and Gas piping design.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2015	\$2,000,000	\$400,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Delgado Culinary and Workforce	Delgado's Culinary Arts center, consisting of three kitchens, café seating, walk-in coolers and freezers, and office space. Crumb Engineering provided the HVAC, Plumbing, and Fire Protection for the project.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Currently: DD	\$6,000,000	\$1,200,000

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

Our President and Professional Engineer, Jason T. Crumb, has over 30 years of experience in the engineering sector. Crumb Engineering has been in existence for 17 years and has designed over 1,000 projects of all sizes. Crumb Engineering understands the relationship between the consultants and the clients as well as between the client and the contractor.

The firm strives to provide a cost-effective, maintenance friendly design while working with all parties to ensure the successful implementation of the project. Crumb Engineering, LLC actively involves the client in determining what preferences and special requirements are desired on the project. With this information, design calculations and code studies are performed. With any project, there are different levels of energy efficiency, maintenance and comfort. These will be discussed with the client along with an estimated cost for each so the best value for the client can be determined. Crumb Engineering is available immediately to staff small or large projects. We typically commence design within one week after notice to proceed is issued.

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

Signature:  _____ Print Name: Jason T. Crumb _____

Title: President _____ Date: 11/5/2024 _____

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

RFQ 24-1211 New Orleans Food & Beverage Incubator

B. Firm Name & Address:

**Creative Engineering Group LLC
201 Highland Park Plaza
Covington, LA 70433**

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:

Ray Nolan P.E.
Engineer/Owner
rnolan@ceg-itl.com
985-249-5706

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.

Same as above

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

<input type="checkbox"/> Administrative	<input type="checkbox"/> Estimators	<input type="checkbox"/> Specification Writers
<input type="checkbox"/> Architects (Licensed)	<input type="checkbox"/> Geologists	<input type="checkbox"/> Structural Engineers
<input type="checkbox"/> Chemical Engineers	<input type="checkbox"/> Geotechnical Engineers	<input type="checkbox"/> Graduate Engineers
<input type="checkbox"/> Civil Engineers	<input type="checkbox"/> Interior Designers	<input type="checkbox"/> Project Managers
<input type="checkbox"/> Construction Inspectors	<input type="checkbox"/> Landscape Architects	<input type="checkbox"/> 1 Clerical
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Land Surveyor	<input type="checkbox"/> Grant/Funding Specialist
<input type="checkbox"/> 1 Electrical Engineers	<input type="checkbox"/> Mechanical Engineers	<input type="checkbox"/> Sanitary Engineers
<input type="checkbox"/> 1 Engineer Intern	<input type="checkbox"/> Environmental Engineers	<input type="checkbox"/> 2 Auto CAD
<input type="checkbox"/> Professional Land Surveyors		<u>5</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

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1. N/A

2. N/A

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

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

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

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

5

TEC Professional Services Questionnaire

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PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Ray Nolan P.E.
Owner & Senior Engineer

Project Assignment:

Electrical Engineer

Name of Firm with which associated:

Creative Engineering Group LLC

Years' experience with this Firm:

16 years

Education: Degree(s)/Year/Specialization:

BSEE/1991/Electrical Engineering
MSEE/1994/Electrical Engineering

Active registration: Year first registered/discipline:

1997/Electrical Engineering

Other experience and qualifications relevant to the proposed Project:

Over 25 year's experience in electrical engineering, including power distribution, emergency generators, lighting and controls, fire alarm systems, telephone and data infrastructure, intercom, and security systems. Experience with restaurants, event centers, schools, office buildings, warehouse and storage buildings, maintenance shops and more.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Charles Cober Electrical Engineer Intern
Project Assignment: Electrical Intern/Designer
Name of Firm with which associated: Creative Engineering Group LLC
Years' experience with this Firm: 2 years
Education: Degree(s)/Year/Specialization: BSEE/2022/Electrical Engineering
Active registration: Year first registered/discipline: N/A
Other experience and qualifications relevant to the proposed Project: <p>Charles started at CEG as a graduate of science in electrical engineering 2 years ago. He has designed Power Distribution, Lighting, Lighting Controls, Telecommunications and Fire Alarm. In addition, Charles has experience in field work to determine existing conditions. He also has led the effort to streamline implementation of design and details for compliance with the 2021 IECC energy code.</p> <p>Charles has worked on several renovation projects which require the designer to think about how the new design and systems will interface with the existing systems.</p>

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
St. Tammany Parish Hospital Interior Renovations and Support Services Building Addition 1202 South Tyler St., Covington, La 70433 FLWB Architects, 983-893-4100 1404 Greengate Dr., Ste 101 Covington, Louisiana 70433	Renovation of existing hospital spaces including kitchen and dining spaces. Design included extensive field work to determine what existing power distribution equipment could be re-used, and what new equipment was required to supplement the existing. Power designed to support new food service equipment. Lighting, power distribution, emergency systems, and fire alarm system work was included.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
October 2024	\$30,6000,000	\$5,173,408

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Grace King High School Culinary Arts	Renovation of existing culinary arts kitchen and dining area at Grace King High School. Power was designed to support new food service equipment and HVAC equipment. Design included new lighting and lighting controls.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2009	\$500,000 (Est)	\$75,000 (Est)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Louisiana National Guard Franklinton Readiness Center Franklinton, LA	New readiness center for the Louisiana National Guard. Project include full kitchen with walk-in cooler/freezers. Design services included lighting and lighting controls, power distribution, including power for food service equipment, emergency generator, fire alarm, and lightning protection.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2016	\$11,500,000	\$1,370,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Palace Café Renovations 605 Canal St. New Orleans, LA 70130	Major kitchen and bar renovation at Palace Café restaurant in New Orleans. Project included service modifications, new lighting and controls, and new power to support new food service equipment.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2015	\$3,000,000 (Est)	\$600,000 (Est)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Meril Restaurant 400 Girard St. New Orleans, LA	New Emerils' Restaurant in New Orleans. Design included new electrical service and power distribution, lighting and dimming controls, fire alarm, telecom infrastructure, and power to support food service equipment.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2016	\$2,500,000 (Est)	\$450,000 (Est)

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Bogalusa Cold Storage Cooler and Freezer Buildings	Addition of large walk-in cooler and freezer buildings to existing warehouse. Design included electrical service calculations and modifications, emergency generator, power distribution, lighting, and power to support walk in cooler and freezer condensers and evaporators	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2017	\$2,000,000 (Est)	\$550,000 (Est)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
New Facility for Deutsches Haus 1700 Moss T. New Orleans, LA 70119	New event building in New Orleans that included event halls, classroom space, bar areas, and full kitchen. Design included, electrical service and power distribution, lighting and lighting controls, fire alarm, telecom infrastructure, and power to support food service equipment and walk-in beer cooler.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2018	\$3,750,000 (Est)	\$450,000 (Est)

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Delgado Culinary & Workforce	Project includes new building for Delgado's Culinary Arts program. Space includes 3 full kitchens, café seating, offices, and walk-in coolers and freezers. Design services includes electrical service and power distribution, lighting and controls, fire alarm, telecom infrastructure, emergency generator, and power to support food service equipment.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Currently at design development level and on hold	\$4,900,000 (Est)	\$600,000 (Est)

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

Creative Engineering Group (CEG) has a qualified staff providing electrical engineering services. Previous projects include emergency operation centers, safe rooms, government office buildings, fire stations, and police stations. Design experience includes electrical service and power distribution, generators, lighting and lighting controls, UPS systems, lightning protection, fire alarm systems, telephone/data infrastructure, intercom and paging systems, and security systems.

CEG uses the latest software to calculate lighting levels and can prepare construction documents in either AutoCad or Revit. CEG prides itself on thorough code research, coordination with other disciplines and QA/QC to ensure quality engineering and reduced amount of change orders. CEG understands that construction administration and oversight is key to ensuring a successful project.

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

Signature:  Print Name: Ray Nolan

Title: Owner Date: 12-5-2024

A. Project Name and Advertisement Resolution Number:

New Orleans Food & Beverage Incubator, RFQ Number 24-1211

B. Firm Name & Address:

Carubba Engineering, Inc.
3400 Hessmer Avenue
Metairie, Louisiana 70002

C. Name, title and contact information of Principal who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Roy M. Carubba, P.E.
Principal/President
Carubba Engineering, Inc.
3400 Hessmer Avenue
Metairie, Louisiana 70002
roy@carubbaengineering.com
504.888.1490

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.

Roy M. Carubba, P.E., LA Professional Engineering License No. 24653
Principal/President
Carubba Engineering, Inc.
3400 Hessmer Avenue
Metairie, Louisiana 70002
roy@carubbaengineering.com
504.888.1490

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

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

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

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

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.		
1. NONE		
2.		
H. Has this JOINT-VENTURE previously worked together? Please check: YES NO		
I. List all subcontractors anticipated for this Project. Please note that <u>all subcontractors must submit a fully completed copy of this questionnaire</u>, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.		
Name & Address:	Specialty:	Worked with 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: <div style="margin-left: 20px;"> <u> 5 </u> </div>		

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:

Roy M. Carubba, P.E., Principal/President

Project Assignment:

Professional Engineer

Name of Firm with which associated:

Carubba Engineering, Inc.

Years' experience with this Firm:

31

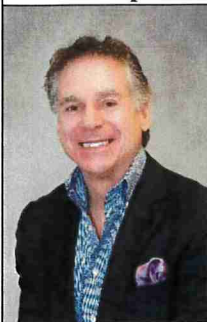
Education: Degree(s)/Year/Specialization:

B.S., Civil Engineering / 1986 / University of New Orleans

Active registration: Year first registered/discipline:


1992 / Civil / Louisiana Professional Engineer License No. 24653

Other experience and qualifications relevant to the proposed Project:




Roy brings an impressive 39 years of comprehensive experience in civil and structural engineering as the founder of Carubba Engineering. His expertise spans the design of site infrastructure, encompassing municipality maintained utilities and storm sewer systems. He is also adept at creating site-specific civil infrastructure, providing water and sewer supply solutions for both new construction projects and existing commercial facilities. He has conducted hydrologic and drainage impact analyses to ensure compliance with post-construction requirements across various municipalities in the Gulf States. Roy specializes in designing multi-story frames, deep foundations, ground-supported structural foundations and marine structures. He is a qualified expert in all Louisiana state and federal courts. Roy specializes in forensic and failure analysis, as well as cost analysis and construction management. In October 2024, Roy was tapped to serve as the President of the Board of Commissioners of the Southeast Louisiana Flood Protection Authority-East. Roy is a licensed Professional Engineer in 14 states, including Louisiana.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Matthew T. Dauphin, P.E., Lead Civil Engineer	
Project Assignment:	
Professional Engineer	
Name of Firm with which associated:	
Carubba Engineering, Inc.	
Years' experience with this Firm:	
11	
Education: Degree(s)/Year/Specialization:	
B.S., Civil Engineering / 2013 / University of New Orleans	
Active registration: Year first registered/discipline:	
2017 / Civil / Louisiana Professional Engineer License No. 41793	
Other experience and qualifications relevant to the proposed Project:	
	Since joining Carubba Engineering in 2011, Matt has honed his structural design skills in multi-story frames, deep foundations, cold-formed steel, and marine structures through project experience like retail developments, hotels, restaurants, marine loading docks, sports stadiums, community centers, auditoriums, and film set design. In civil engineering, Matt specializes in subdivision and commercial development design, hydrologic analysis, water and sewer system design, paving design, and drainage impact analysis. He excels in forensic analysis, schedule management, construction administration, and expert reporting. Currently, Matt serves as an Ad Hoc Member of the St. Charles Parish Drainage Ordinances Committee. He is a former Committee Member of the St. Charles Parish Satellite Center Engineering Program. Matt is a licensed Professional Engineer in 10 states, including Louisiana.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Emma H. Taylor, P.E., Civil Engineer	
Project Assignment:	
Professional Engineer	
Name of Firm with which associated:	
Carubba Engineering, Inc.	
Years' experience with this Firm:	
7	
Education: Degree(s)/Year/Specialization:	
B.S., Civil Engineering / 2017 / University of New Orleans	
Active registration: Year first registered/discipline:	
2021 / Civil / Louisiana Professional Engineer License No. 45695	
Other experience and qualifications relevant to the proposed Project:	
	<p>Since joining Carubba Engineering, Inc. in 2016, Emma has become the lead engineer for all structural forensic and expert work within the company, following in Roy Carubba's footsteps. This includes documentation, analysis, research, report production, and expert testimony for cases involving structural failures ranging from single-family homes to high rises. In addition to expert forensic work, Emma is proficient in structural and civil design along with construction administration and project management. Emma specializes in the structural design of multi-story frames, deep and shallow foundations, controlled demolition, drainage studies, and structures in coastal regions requiring high-wind designs. She is capable of designing with structural and cold-formed steel, concrete, masonry, and timber, as well as special metals and materials specific to New Orleans historic structures. Emma is licensed in two states, including Louisiana, and is awaiting approval in the state of Florida.</p>

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Project Assignment:

Name of Firm with which associated:

Years' experience with this Firm:

Education: Degree(s)/Year/Specialization:

Active registration: Year first registered/discipline:

Other experience and qualifications relevant to the proposed Project:

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:	
Saint Mary's Academy – New Orleans, Louisiana 6905 Chef Menteur Highway New Orleans, Louisiana 70126 AQ Studios c/o Charles Ward 504.524.4375	Rozas-Ward Architects, now AQ Studios, hired Carubba Engineering, Inc. to design eight building complexes incorporating a gymnasium, library, administration building, open breezeways, and classrooms, totaling 75,000 square feet. Structural engineering encompassed designing structural steel frames, with deep reinforced concrete foundations. The civil engineering design included paving, grading, drainage, water, and sewer.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2009	\$36,000,000	\$10,800,000

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
St. Charles Parish Government St. Charles Parish Sheriff's Training Facility 260 Judge Edward Dufresne Parkway Luling, Louisiana 70070 Murray Architects, Inc. c/o Michael Tabb 985.764.7275	Murray Architects, Inc. engaged Carubba Engineering, Inc. to perform the structural engineering of a 39,000 square foot two-story structural steel frame with diagonal trilateral load resolution and open web joists to support the floors and roof, including an enhanced structural design for wind speeds in excess of 150 MPH given the critical nature of the operations of this building. The structural design included a reinforced concrete slab bearing on wooden piles to support the exterior brick veneer as well as other architectural elements while maintaining code requirements for the wind design.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011	\$7,000,000	\$2,100,000

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Plantation View Medical Offices (now part of Ochsner Medical) Murray Architects, Inc. c/o Michael Tabb 985.764.7275	Murray Architects, Inc. engaged Carubba Engineering, Inc. to design a multi-tenant medical office, now known as Ochsner Health Center - Destrehan, a 65,000 square foot three-story complex in the Ochsner St. Charles Parish Hospital. The structural light gauge steel and concrete building is supported by a deep pile foundation.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014	\$6,000,000	\$1,800,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Southeastern Freight Lines, Inc. Destrehan, Louisiana P&L Investments Murray Architects, Inc. c/o Michael Tabb 985.764.7275	Carubba Engineering, Inc. flaunted its civil design expertise when engineering a 29-acre civil trucking and freight facility. Designed subsurface drainage (catch basins/piping), gutter flow curbs, hydraulic analysis using rational method, reinforced concrete paving, and paved open-channel drainage structures.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$8,000,000	\$1,500,000

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Piazza's Seafood World, LLC 205 James Drive West St. Rose, Louisiana 70087</p> <p>Mouton Long Turner Architects c/o Bert Turner 504.838.8091</p>	<p>Mouton Long Turner Architects engaged Carubba Engineering, Inc. to design a pile supported concrete foundation complete with civil services (paving, grading, and drainage) and shop drawing review of a 20,000 square foot warehouse, truck well, dumpster, and slab.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2015	\$1,000,000	\$65,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>River Birch Landfill 2000 South Kenner Road Avondale, Louisiana 70094</p> <p>Coastal Environmental Services of LA, LLC c/o Jim Ward 985.781.3171</p>	<p>Coastal Environmental Services hired Carubba Engineering, Inc. to perform the structural engineering of River Birch Landfill's 2,500 square foot emergency operations building, with requirements to be explosion and projectile resistant. The structure is designed with cast-in-place concrete perimeter walls constructed integrally with a reinforced concrete roof on structural steel girders with open web joist, including a deep foundation system (driven piles) to support the structure</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$4,500,000	\$1,350,000

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>City of New Orleans</p> <p>Five Libraries (various sites) – New Orleans, Louisiana</p> <p>c/o Gibbs Construction 504.733.4336</p>	<p>Carubba Engineering, Inc. completed the civil and structural engineering for five New Orleans libraries – New Orleans East Regional Library, Algiers Regional Library, Robert E. Smith Library, Norman Mayer Library, and Nora Navra Library. The project was charged with renovating the libraries damaged during Hurricane Katrina.</p> <p>Carubba Engineering's engineering work featured steel cantilevers, composite concrete slabs, two-way flat slab foundations, retaining walls, ornamental ramps, and deep pile foundations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011	\$26,000,000	\$7,800,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Louis Armstrong International Airport 1 Terminal Drive Kenner, Louisiana 70062</p> <p>Ray Bros, Inc. c/o Gino Ray 504.945.8069</p>	<p>Ray Bros, Inc. hired Carubba Engineering, Inc. to design a new roof system at the Louis Armstrong International Airport in Kenner, Louisiana. Carubba Engineering designed connections for structural members, including purlins, fasteners, and roof panels, per the applicable building code. The project was approximately 22,000 square feet. Carubba Engineering also has extensive experience at the airport, designing a sewer cofferdam, slab stabilization, roadway design, including exit and entrance lanes, and failure analysis of sewer lines.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	\$1,500,000	\$450,000

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Federal Emergency Management Agency (FEMA)</p> <p>CACI, Inc. Rhonda Keilholtz 240.893.8179</p>	<p>Carubba Engineering, Inc. has teamed up with CACI, Inc. and Moses Engineers, Inc. to make communities safer through the Federal Emergency Management Agency (FEMA) initiative to upgrade existing transmitter radio sites around the country. These sites require FEMA's upgrade because they are part of a vast network of the National Public Warning System (NPWS). The NPWS allows for the Emergency Alert System (EMS) with crucial messages to reach our communities during times of emergency.</p> <p>Carubba Engineering designs site improvements and structural deep and shallow foundation systems for the housing of backup generators and transmitter equipment while Moses Engineers redesign and upgrade the transmission equipment itself. To date, Carubba Engineering has completed five projects around the country.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing/Current	Each site \$750,000	\$225,000

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Empire Truck Sales 10557 Airline Highway St. Rose, Louisiana 70087</p> <p>Peoples Construction Corporation c/o Jeffrey Peoples 601.932.1111</p>	<p>Peoples Construction Company hired Carubba Engineering, Inc. to provide civil engineering and Construction Administration services, specifically a joint permit application, for a 40,000 square foot warehouse. Carubba Engineering oversaw the full permitting process, including modifications.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	\$12,000,000	\$3,250,000

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

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

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

Carubba Engineering, Inc. (CEI) is a full-service engineering firm celebrating over 31 years of service. We specialize in civil, structural, and marine engineering, with a rich portfolio spanning over 7,000 projects. Our expertise extends from the lower Mississippi River region of Louisiana to coastal regions of Mississippi, Alabama, Florida, Georgia, and Texas. Additionally, our engineers have completed projects in the states of Arkansas, Arizona, Indiana, Kentucky, Massachusetts, Montana, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Pennsylvania, South Carolina, Tennessee, and the Bahamas.

Our structural engineering experience includes detailed design of multi-story frames, deep foundations, light gauge metal framing, special metals, and marine structures. CEI also provides expertise in site development, comprehensive drainage studies, site infrastructure, and construction budgeting. Examples of our structural projects include retail developments, hotels, industrial warehouses, office buildings, sports stadiums, community centers and auditoriums, libraries, state and federal government municipal structures, forensic analysis, and film set design. Lastly, CEI is well-versed in the permitting process at the federal, state, and local levels, addressing construction, environmental, and operational requirements.

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

Signature:  Print Name: Roy M. Carubba

Title: Principal/President Date: December 5, 2024

CERTIFICATION OF SUBMISSION

This SOQ must be signed by an authorized Representative of the Company/Firm for the Submission to be valid. Signing indicates that you certify compliance with all instructions, terms, conditions, and specifications and further certifies that the person signing this SOQ and submitting the Response is duly authorized to act on behalf of the company. Furthermore, a copy of a corporate resolution, certificate of authority, affidavit or any document verifying the requisite authority must be provided in the Response.

Roy M. Carubba, P.E.

(Type or Print Name of Person Authorized to Sign)

Carubba Engineering, Inc.

(Company Name)

3400 Hessmer Avenue

(Street Address)

Metairie, Louisiana 70002

(City, State, Zip)

roy@carubbaengineering.com

(Email)

504.888.1490

n.a.

(Area Code)

(Phone Number)

(Area Code)

(Fax Number)

(Signature of Person Authorized to Sign)

Principal/President

(Title of Person Authorized to Sign)

SOQ 24-6849 PROVIDE A & E SERVICES RELATING TO NEW CITY HALL COMPLEX

NAME OF PROJECT

24-6849

December 11, 2024

PROJECT NUMBER

DATE OF BID

**ATTESTATION CLAUSE REQUIRED BY
LA. R.S. 38:2227 (PAST CRIMINAL CONVICTIONS OF BIDDERS)**

Appearer, as a Bidder on the above-entitled Public Works Project, does hereby attest that:

- A. No sole proprietor or individual partner, incorporator, director, manager, officer, organizer, Or member who has a minimum of a ten percent (10%) ownership in the bidding entity Name below has been convicted of, or has entered a plea of guilty or nolo contendere to Any of the following state crimes or equivalent federal crimes:
- | | |
|---------------------------------------|-----------------------------------|
| (a) Public bribery (R.S. 14:118) | (c) Extortion (R.S. 14:66) |
| (b) Corrupt influencing (R.S. 14:120) | (d) Money Laundering (R.S. 14:23) |
- B. Within the past five years from the project bid date, no sole proprietor or individual partner, incorporator, director, manager, officer, organizer, or member who has a minimum of a ten percent (10%) ownership in the bidding entity named below has been convicted of, or has entered a pleas of guilty or nolo contendre to any of the following state crimes or equivalent federal crimes, during the solicitation or execution of a contract or bid awarded pursuant to the provision of Chapter 10 of Title 38 of the Louisiana Revised Statutes:
- | | |
|--|--|
| (a) Theft (R.S. 14:67) | (f) Bank fraud (R.S. 14:71.1) |
| (b) Identity Theft (R. S. 14:67.16) | (g) Forgery (R. S. 14:72) |
| (c) Theft of a business record
(R. S. 14:67.20) | (h) Contractors; misapplication of
payments (R.S. 14:202) |
| (d) False accounting (R.S. 14:70) | (i) Malfeasance in office (R. S. 14:134) |
| (e) Issuing worthless checks
(R. S. 14:71) | |

Carubba Engineering, Inc.

Roy M. Carubba, P.E.

NAME OF BIDDER

NAME OF AUTHORIZED SIGNATORY OF BIDDER

December 5, 2024

Principal/President

DATE

TITLE OF AUTHORIZED SIGNATORY OF BIDDER



**SIGNATURE OF AUTHORIZED
SIGNATORY OF BIDDER**

STATEMENT OF NON-COLLUSION

As a bidder or proposer to the City of Kenner, I certify that:

1. I have not colluded with any employee or elected or appointed official of the City of Kenner in any way in the preparation or submission of my proposal.
2. No employee or elected or appointed official of the City of Kenner will receive anything of economic value from me or my company, either directly or indirectly, if I am the successful low proposer for the sale to the City of Kenner of materials and labor.

This statement shall be considered as on-going for as long as I continue to submit bids or proposals to the City of Kenner. Should it be determined that the statements made herein are false, I understand that I will be ineligible to submit any future bids with the City of Kenner.

Carubba Engineering, Inc.

 COMPANY NAME (PLEASE PRINT)



 AUTHORIZED SIGNATURE

3400 Hessmer Avenue

 ADDRESS

Roy M. Carubba, P.E.

 NAME OF ABOVE (PLEASE PRINT)

Metairie, Louisiana 70002

 CITY, STATE, ZIP CODE

Principal/President	12.05.2024
_____ TITLE	_____ DATE

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Jefferson Parish Economic Development Commission (JEDCO)
New Orleans Food & Beverage Incubator
RFQ # 24-1211

B. Firm Name & Address:



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

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

Chad M. Poché, P.E., Executive Vice President
 504-305-4401 | 504-460-5239 cell | cpoche@gulfsoutheng.com
 Registered Professional Civil Engineer (Louisiana No. 27667; since 1998)

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

Chad M. Poché, P.E., Executive Vice President
 504-305-4401 | 504-460-5239 cell | cpoche@gulfsoutheng.com
 Registered Professional Civil Engineer (Louisiana No. 27667; since 1998)

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

<u>7</u>	Administrative	<u> </u>	Estimators	<u> </u>	Specification Writers
<u> </u>	Architects (Licensed)	<u> </u>	Geologists	<u> </u>	Structural Engineers
<u> </u>	Chemical Engineers	<u>2</u>	Geotechnical Engineers	<u> </u>	Graduate Engineers
<u> </u>	Civil Engineers	<u> </u>	Interior Designers	<u>1</u>	Project Managers
<u>10</u>	Construction Inspectors	<u> </u>	Landscape Architects	<u> </u>	Clerical (<i>see Administrative</i>)
<u> </u>	Ecologists	<u> </u>	Land Surveyor (<i>Apprentice</i>)	<u> </u>	Grant/Funding Specialist
<u> </u>	Electrical Engineers	<u> </u>	Mechanical Engineers	<u> </u>	Sanitary Engineers
<u> </u>	Engineer Intern	<u> </u>	Environmental Engineers	<u>1</u>	CMT Supervisor
<u>1</u>	Professional Land Surveyors	<u> </u>		<u>1</u>	Construction Svcs Manager
				<u>4</u>	Laboratory Personnel
				<u>3</u>	Soil Boring Personnel
				<u>30</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. <div style="text-align: center; font-size: 1.2em;">N/A</div>		
2.		
H. Has this JOINT-VENTURE previously worked together? Please check: <div style="text-align: center;"> YES_____ NO_____ N/A </div>		
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. <div style="text-align: center; font-size: 1.2em;">N/A</div>		
2.		
3.		
J. Please specify the total number of support personnel that may assist in the completion of the Project: <div style="text-align: center;"> <u>30</u> (all personnel will be available for assignment to the project) </div>		

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Chad M. Poché, P.E.

Executive Vice President / Registered Professional Geotechnical Engineer

Project Assignment:

Geotechnical Engineer / Principal In Charge

Name of Firm with which associated:



Years' experience with this Firm:

13 years (founded Gulf South in 2011);
31 years total (1993)

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

Education: Degree(s)/Year/Specialization:

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

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

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

TEC Professional Services Questionnaire

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

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

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)

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)


Geotechnical Engineering Report for Glass Half Full, Chalmette, St. Bernard Parish, LA. The study and engineering analyses were made and based on the CPT data to develop recommendations for the project located on LA Highway 47 in Chalmette. Due to the loose sand fill, CPT probes were used in lieu of soil borings for investigation of the proposed building. The report included investigation of subsoils and associated groundwater encountered in the field work. The analyses included discussion of allowable pile load capacities, pile driving, vibration monitoring, drag load, and estimated settlement for deep foundations. Pavement recommendations were also included in the report. (\$14,942 (fee); 2024)

New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, LA. The project consists of construction of a new two-story building and parking lot at the project site located at the corner of Airline Drive and David Drive. Gulf South's scope of work included drilling a total of six undisturbed soil borings (four at 8 ft and two at 80 ft) and performing laboratory testing and geotechnical engineering analyses. This included allowable pile load capacities, estimates of settlement, flexible and rigid paving design recommendations, seismic class determination, and general construction procedures and recommendations. (\$14,500 (fee); 2022)

Doerle Food Services (New Facility - 6th St. at Anselmi St.), Port Fourchon, Lafourche Parish, LA. Geotechnical investigation for new distribution facility for Doerle Food Services in Port Fourchon, LA. The project consists of the construction of a main building approx. 180 ft. by 270 ft. in plan dimensions with associated parking and driveway areas. Approx. 7 feet of fill is required to raise the site. The investigation includes drilling 4 borings, 2 to 100 ft. and 2 to 60 ft. below ground surface; laboratory testing (strength and classification), and; engineering analyses consisting of allowable pile load capacities, fill and downdrag analyses, estimates of settlement, and rigid and flexible paving recommendations. (\$13,000 (fee); 2012)

New Hotel & Parking Garage, Kenner, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new hotel and parking garage at 1000 Veterans Memorial Blvd. in Kenner, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 60 and 8 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$12,500 (fee); 2022)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Bryson S. Beard, EIT, ACI Associate Geotechnical Engineer/Field Engineer	
Project Assignment:	
Associate Geotechnical Engineer/Field Engineer	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
2 years (joined Gulf South in 2022); 3 years total (2021)	<i>Gulf South Engineering and Testing, Inc. 2022 to present</i> <i>TetraTech, Inc. 2021 to 2022</i>
Education: Degree(s)/Year/Specialization:	
B.S., Geological Engineering (2021; University of Mississippi)	
Active Registration: Year first registered/discipline:	
Louisiana P.E. License Passed October 2023 Georgia, Engineering Intern (No. EIT029180, 2022)	
Other experience and qualifications relevant to the proposed Project:	
<p>Bryson S. Beard, EIT, is an Associate Geotechnical Engineer/Field Engineer who serves as a Project Manager. He has performed geotechnical engineering analyses consisting of shallow and deep foundations, slope stability, TRS and sheetpile wall design, settlement, pavement design, etc., and has prepared engineering reports. Mr. Beard's experience in the field includes surface and subsurface soil sampling, water sampling, and soil classification. His work experience further includes core logging and oversight of groundwater monitoring well installations, piezometers, and inclinometers. He has been responsible for the preparation of reports and Facility Response Plans. He is experienced with laboratory sample preparation and testing as well as air sampling and soil gas sampling.</p> <p>Mr. Bryson recently passed his Louisiana Professional Engineering test and will be a noted P.E. for the State of Louisiana once he fulfills the apprenticeship requirements set forth by LAPELS.</p> <p>New Gymnasium Facility (Additional Borings), Gonzales, Ascension Parish, LA. Gulf South provided services for a Geotechnical Exploration Report for Additional Borings at the project site in Gonzales, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics (including groundwater). The project included deep foundation investigation (including pile load capacities, drag load, group effect, estimated settlement, pile driving, probe piles and pile load tests, vibration monitoring, site preparation and fill materials, and fill placement and compaction). The analyses and recommendations presented in the report provided recommendations for design and general construction recommendations.</p>	

TEC Professional Services Questionnaire

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

Storage Warehouse at Public Operations - Geotechnical Engineering Report, City of Slidell, LA.

Gulf South prepared a Geotechnical Engineering Report for the project site (construction of a new storage facility (approx. 6,400 sf) with paved parking and driveways) in Slidell, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Gulf South drilled three undisturbed soil borings to depth of 40 ft. and 20 ft. below the ground surface. Soil testing consisted of natural moisture content, unit weight, Atterberg limits, and unconfined compression strength testing. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$6,500 (fee); 2023)

Geotechnical Exploration Report for New Orleans Jazz Museum (New Stage), New Orleans, LA.

Gulf South was selected to prepare a Geotechnical Exploration Report for the project site located at 400 Esplanade Avenue in New Orleans, Louisiana. The study included drilling of a single soil test boring (50 ft. below ground surface) and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were performed based on the field and laboratory test data to develop recommendations for the project including allowable pile load capacities, estimates of settlement, and general construction recommendations. (\$4,000 (fee); 2024)

Geotechnical Exploration Report for New Office Building and Paved Areas, Gonzales, Ascension Parish, LA.

Gulf South prepared a Geotechnical Exploration Report for planned new office building and adjacent parking areas (approx. 83,000 sf) at the project site off Highway 44 in Gonzales, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Scope included drilling 13 undisturbed soil borings to depths of 40 feet, 20 feet, and 6 feet below the ground surface. Soil testing included natural moisture content, unit weight, Atterberg limits, and unconfined compression strength testing. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$13,500 (fee); 2023)


Geotechnical Exploration Report for Crescent City Therapeutics, Kenner, LA.

Gulf South prepared a Geotechnical Exploration Report for the project site located at 100 West Airline Highway in Kenner, Louisiana. The scope included drilling four undisturbed soil borings were drilled to depths of 8, 10, and 50 feet below the ground surface utilizing a track mounted drilling rig at the designated locations. The study included the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. (\$5,900 (fee); 2023)

Geotechnical Engineering Report for Glass Half Full, Chalmette, St. Bernard Parish, LA.

The study and engineering analyses were made and based on the CPT data to develop recommendations for the project located on LA Highway 47 in Chalmette. Due to the loose sand fill, CPT probes were used in lieu of soil borings for investigation of the proposed building. The report included investigation of subsoils and associated groundwater encountered in the field work. The analyses included discussion of allowable pile load capacities, pile driving, vibration monitoring, drag load, and estimated settlement for deep foundations. Pavement recommendations were also included in the report. (\$14,942 (fee); 2024)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Joseph H. "Trey" Binder, III, ACI Laboratory Manager	
Project Assignment:	
Laboratory Manager; Laboratory Technician	
Name of Firm with which associated:	
 ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants	
Years' experience with this Firm:	
13 years (joined Gulf South in 2011); 13 years total (2011)	<i>Gulf South Engineering and Testing, Inc. 2011 to present</i> <i>Ardaman and Associates, Inc. 2007 to 2011</i> <i>Soil Testing Engineers, Inc. 2006 to 2007</i>
Education: Degree(s)/Year/Specialization:	
A.D., General Studies (2006; Nunez Community College)	
Active Registration: Year first registered/discipline:	
<i>HAZMAT Awareness</i> <i>HAZMAT Operations Training</i> <i>ACI Aggregate Base Testing Technician</i> <i>ACI Concrete Strength Testing Technician</i>	
Other experience and qualifications relevant to the proposed Project:	
<p>Trey Binder has direct experience with field and laboratory testing services. Mr. Binder's field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, vibration monitoring, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring. In the laboratory, Mr. Binder has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, Atterberg limits, organic content tests, moisture and density tests, Proctor compaction tests, sieve analyses, and sample extrusion.</p> <p>New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, LA. The project consists of construction of a new two-story building and parking lot at the project site located at the corner of Airline Drive and David Drive. Gulf South's scope of work included drilling a total of six undisturbed soil borings (four at 8 ft and two at 80 ft) and performing laboratory testing and geotechnical engineering analyses. This included allowable pile load capacities, estimates of settlement, flexible and rigid paving design recommendations, seismic class determination, and general construction procedures and recommendations. (\$14,500 (fee); 2022)</p>	

TEC Professional Services Questionnaire

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

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)

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 Church and School Buildings, First Apostolic Church and School, Lafayette, LA. Geotechnical investigation for construction of a new church and school building at the subject site. Gulf South's scope includes drilling seven undisturbed soil borings (1 at 20 ft., 2 at 10 ft.), lab testing, and engineering analyses including sheetpile wall design parameters, estimates of settlement, fill recommendations, rigid/flexible/aggregate pavement design recommendations, and general construction procedures and recommendations. (\$13,900 (fee); 2019)

Geotechnical Exploration Report for New Office Building and Paved Areas, Gonzales, Ascension Parish, LA. Gulf South prepared a Geotechnical Exploration Report for planned new office building and adjacent parking areas (approx. 83,000 sf) at the project site off Highway 44 in Gonzales, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Scope included drilling 13 undisturbed soil borings to depths of 40 feet, 20 feet, and 6 feet below the ground surface. Soil testing included natural moisture content, unit weight, Atterberg limits, and unconfined compression strength testing. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$13,500 (fee); 2023)

Doerle Food Services (New Facility - 6th St. at Anselmi St.), Port Fourchon, Lafourche Parish, LA. Geotechnical investigation for new distribution facility for Doerle Food Services in Port Fourchon, LA. The project consists of the construction of a main building approx. 180 ft. by 270 ft. in plan dimensions with associated parking and driveway areas. Approx. 7 feet of fill is required to raise the site. The investigation includes drilling 4 borings, 2 to 100 ft. and 2 to 60 ft. below ground surface; laboratory testing (strength and classification), and; engineering analyses consisting of allowable pile load capacities, fill and downdrag analyses, estimates of settlement, and rigid and flexible paving recommendations. (\$13,000 (fee); 2012)

New Hotel & Parking Garage, Kenner, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new hotel and parking garage at 1000 Veterans Memorial Blvd. in Kenner, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 60 and 8 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$12,500 (fee); 2022)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Ian Kerner Poché, ACI
Assistant Laboratory Supervisor

Project Assignment:

Assistant Laboratory Supervisor

Name of Firm with which associated:



ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years' experience with this Firm:

7 years (joined Gulf South in 2017);
7 years total (2017)

Gulf South Engineering and Testing, Inc. | 2017 to present

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

ACI Concrete Field Testing Technician - Grade 1 (exp 2028 03)
ACI Aggregate Testing Technician - Level 1 (exp 2029 02 27)

Other experience and qualifications relevant to the proposed Project:

Ian Poché has worked in Gulf South's laboratory for several years and has experience with virtually every type of soil test. He has also helped when needed in the CMT department and has concrete testing experience, and is an ACI-certified Concrete Field Testing Technician.

New Building and Paved Areas, Jefferson Parish Transit Facility, Jefferson Parish, LA. Gulf South provided geotechnical engineering services for the construction of a new two-story (7,300 sf) building located at 1118 David Drive in Kenner, LA. Field investigation included drilling four undisturbed soil borings (depths below the ground surface of 60 ft for the new building and 10 feet for the new paved area) and sampled on 5 foot centers. Laboratory testing included strength tests, classification tests, with other testing as appropriate. Geotechnical engineering evaluation characterized the subsoil conditions of the site and developed engineering recommendations and analyses (allowable soil bearing values, allowable pile load capacities, estimate of settlement, pavement design, and general construction procedures and recommendations. (\$8,900 (fee); 2020)

New Public Works Maintenance Barn, City of Covington, St. Tammany Parish, LA. Geotechnical investigation for a new pre-engineered building (approx. 8900 sf; metal-framed) at 1300 West 27th Avenue in Covington, LA. Gulf South's scope includes drilling two undisturbed soil borings to a depth of 30 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable shaft load capacities (as appropriate), estimates of settlement, and general construction procedures and recommendations. (\$5,500 (fee); 2018)

TEC Professional Services Questionnaire

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

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)

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 Hotel & Parking Garage, Kenner, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new hotel and parking garage at 1000 Veterans Memorial Blvd. in Kenner, LA. Gulf South's scope includes drilling five undisturbed soil borings to depths of 60 and 8 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$12,500 (fee); 2022)

Storage Warehouse at Public Operations - Geotechnical Engineering Report, City of Slidell, LA. Gulf South prepared a Geotechnical Engineering Report for the project site (construction of a new storage facility (approx. 6,400 sf) with paved parking and driveways) in Slidell, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Gulf South drilled three undisturbed soil borings to depth of 40 ft. and 20 ft. below the ground surface. Soil testing consisted of natural moisture content, unit weight, Atterberg limits, and unconfined compression strength testing. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$6,500 (fee); 2023)

Geotechnical Exploration Report for New Office Building and Paved Areas, Gonzales, Ascension Parish, LA. Gulf South prepared a Geotechnical Exploration Report for planned new office building and adjacent parking areas (approx. 83,000 sf) at the project site off Highway 44 in Gonzales, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Scope included drilling 13 undisturbed soil borings; soil testing included natural moisture content, unit weight, Atterberg limits, and unconfined compression strength testing. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$13,500 (fee); 2023)

Geotechnical Exploration Report for Crescent City Therapeutics, Kenner, LA. Gulf South prepared a Geotechnical Exploration Report for the project site located at 100 West Airline Highway in Kenner, Louisiana. The scope included drilling four undisturbed soil borings were drilled to depths of 8, 10, and 50 feet below the ground surface utilizing a track mounted drilling rig at the designated locations. The study included the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. (\$5,900 (fee); 2023)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Tyler W. Pregeant, ACI Engineering Technician; CMT/Laboratory Technician	
Project Assignment:	
Engineering Technician; CMT/Laboratory Technician	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
<div style="display: flex; justify-content: space-between;"> 5 years (joined Gulf South in 2019); 7 years total (2017) <i>Gulf South Engineering and Testing, Inc. 2019 to present</i> </div>	
Education: Degree(s)/Year/Specialization:	
High School Diploma Currently attending UNO in Civil Engineering Program	
Active Registration: Year first registered/discipline:	
ACI Concrete Field Testing Technician - Grade I (02206931)	
Other experience and qualifications relevant to the proposed Project:	
<p>Tyler Pregeant, ACI, serves as an engineering technician with the soil boring drill crew, within the soils' laboratory, and on construction projects as needed. His duties and responsibilities have included leading a drill crew, staking boring sites, supervising clearing contractors, data entry, testing soil for engineering properties of strength and classification, soil boring logging, vibration monitoring, and concrete testing and inspection. Laboratory tests performed include unconfined shear tests, moisture content tests, density tests, Atterberg limits tests, grain size sieve analyses, organic content tests and concrete strength breaks.</p> <p>Geotechnical Exploration Report for New Office Building and Paved Areas, Gonzales, Ascension Parish, LA. Gulf South prepared a Geotechnical Exploration Report for planned new office building and adjacent parking areas (approx. 83,000 sf) at the project site off Highway 44 in Gonzales, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Scope included drilling 13 undisturbed soil borings to depths of 40 feet, 20 feet, and 6 feet below the ground surface. Soil testing included natural moisture content, unit weight, Atterberg limits, and unconfined compression strength testing. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$13,500 (fee); 2023)</p>	

TEC Professional Services Questionnaire

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

Storage Warehouse at Public Operations - Geotechnical Engineering Report, City of Slidell, LA.

Gulf South prepared a Geotechnical Engineering Report for the project site (construction of a new storage facility (approx. 6,400 sf) with paved parking and driveways) in Slidell, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Gulf South drilled three undisturbed soil borings to depth of 40 ft. and 20 ft. below the ground surface. Soil testing consisted of natural moisture content, unit weight, Atterberg limits, and unconfined compression strength testing. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$6,500 (fee); 2023)

Geotechnical Exploration Report for New Orleans Jazz Museum (New Stage), New Orleans, LA.

Gulf South was selected to prepare a Geotechnical Exploration Report for the project site located at 400 Esplanade Avenue in New Orleans, Louisiana. The study included drilling of a single soil test boring (50 ft. below ground surface) and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were performed based on the field and laboratory test data to develop recommendations for the project including allowable pile load capacities, estimates of settlement, and general construction recommendations. (\$4,000 (fee); 2024)

Geotechnical Exploration Report for a New Office Complex (Julie Aubin Drive), Baton Rouge, LA.

Gulf South prepared a Geotechnical Exploration Report for the project site. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop engineering and construction recommendations for the project, including subsoil conditions & groundwater, allowable soil bearing capacities, estimates of settlement, site preparation and fill materials, and pavement recommendations. (\$6,500 (fee); 2024)

New Modular Building at Golden Meadow Upper School, Lafourche Parish, LA. Gulf South's scope of services included drilling two soil borings to 20 ft. below the ground surface with laboratory testing. The analysis and Geotechnical Exploration Report included providing allowable soil bearing values, estimates of settlement, and general construction procedures and recommendations. (\$3,500 (fee); 2023)

Geotechnical Exploration Report for New Fire Station 18, Metairie, Jefferson Parish, LA.

Gulf South prepared a Geotechnical Exploration Report for the construction of a new first station facility (Fire Station No. 18) (with associated parking and driveways) at 3222 Melville Dewey drive in Metairie, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Scope included drilling three undisturbed soil borings to depths of 70 feet and 8 feet below the pavement surface. Soil testing consisted of natural moisture content, unit weight, Atterberg limits, and unconfined strength testing. The analyses and recommendations presented in the report provided recommendations for design and construction of the building and parking & roadway surfaces. (\$8,500 (fee); 2023)

TEC Professional Services Questionnaire

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

PROJECT NO. 1		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Geotechnical Engineering Report for Glass Half Full , Chalmette, St. Bernard Parish, Louisiana Glass Half Full 3935 Louisa Street New Orleans LA 70126 Max Steitz max@glasshalffull.co	The study and engineering analyses were made and based on the CPT data to develop recommendations for the project. Four soil borings were initially proposed. An excavator was utilized to excavate debris to no more than 15 feet below the ground surface. Due to the depth of debris, the four shallow proposed borings for the associated roads and parking were abandoned. Due to the loose sand fill, CPT probes were used in lieu of soil borings for investigation of the proposed building. The report included investigation of subsoils and associated groundwater encountered in the field work. The analyses included discussion of allowable pile load capacities, pile driving, vibration monitoring, drag load, and estimated settlement for deep foundations. Pavement recommendations were also included in the report.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2024	N/A	\$14,942 (fee)

PROJECT NO. 2		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Geotechnical Exploration Report for New Orleans Jazz Museum (New Stage) , New Orleans, Louisiana Dana Brown and Associates, Inc. 1836 Valence Street New Orleans LA 70115 Travis Termini, PLA ttermini@danabrownassociates.com	Gulf South was selected to prepare a Geotechnical Exploration Report for the project site located at 400 Esplanade Avenue in New Orleans, Louisiana. The study included drilling of a single soil test boring (50 ft. below ground surface) and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were performed based on the field and laboratory test data to develop recommendations for the project including allowable pile load capacities, estimates of settlement, and general construction recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2024	N/A	\$4,000 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Geotechnical Exploration Report for New Office Building and Paved Areas, Gonzales, Ascension Parish, Louisiana</p> <p>St. John Properties 6473 Highway 44 Gonzales LA 70737</p> <p>Todd Pevey, 225-571-1002 tpevey@sjpi.com</p>	<p>Gulf South prepared a Geotechnical Exploration Report for planned new office building and adjacent parking areas (approx. 83,000 sf); the study included drilling soil test borings and the performance of soil mechanics lab tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field & lab test data to develop recommendations. Scope included drilling 13 undisturbed soil borings. Soil testing included natural moisture content, unit weight, Atterberg limits, and unconfined compression strength testing. The report provided recommendations for design and construction of the building and parking & roadway surfaces. Project required "out of the box" thinking due to very heavy and unique loads which were going to be stored inside. Gulf South met the challenges presented and delivered to the clients' satisfaction.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2023	N/A	\$13,500 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Geotechnical Exploration Proposal for Liberty Self Storage (New Facility), Mandeville, St. Tammany Parish, Louisiana</p> <p>Liberty Self Storage 2390 US Hwy 190 Mandeville LA 70448</p> <p>Alex Bennett alex@libertystorage.com</p>	<p>Gulf South prepared a Geotechnical Exploration Report for the project. An existing structure was to be demolished and replaced with a new structure (approx. 24,000 sf & 3 stories). The Field Exploration element included drilling two soil borings. Laboratory testing was performed on selected samples, with tests performed in general accordance with appropriate ASTM standards. Geotechnical evaluations were performed to characterize the subsoil conditions of the site and develop engineering recommendations & analyses (incl. allowable soil bearing values; allowable pile or shaft load capacities; estimates of settlement, and; general construction procedures and recommendations).</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
ongoing	N/A	\$8,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Geotechnical Exploration Report for a New Office Complex (Julie Aubin Drive), Baton Rouge, Louisiana Fusion Architects 3488 Brentwood Drive Baton Rouge LA 70809 Jeremy Lucas jeremy@fusionbcb.com	Gulf South prepared a Geotechnical Exploration Report for the project site. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop engineering and construction recommendations for the project, including subsoil conditions & groundwater, allowable soil bearing capacities, estimates of settlement, site preparation and fill materials, and pavement recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2024	N/A	\$6,500 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Geotechnical Exploration Report for Crescent City Therapeutics, Kenner, Louisiana Renton Properties, LLC 160 West Airline Drive Kenner LA 70062 Eddie Renton, 504-874-3625 erenton@aol.com	Gulf South prepared a Geotechnical Exploration Report for the project site located at 100 West Airline Highway in Kenner, Louisiana. The scope included drilling four undisturbed soil borings were drilled to depths of 8, 10, and 50 feet below the ground surface utilizing a track mounted drilling rig at the designated locations. The study included the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2023	N/A	\$5,900 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
New Gymnasium Facility (Additional Borings), Gonzales, Ascension Parish, Louisiana City of Gonzales 120 S. Irma Avenue Gonzales LA 70737 Jackie Bowman jackie@gonzalesla.com	Gulf South provided services for a Geotechnical Exploration Report for Additional Borings at the project site in Gonzales, Louisiana. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics (including groundwater). The project included deep foundation investigation (including pile load capacities, drag load, group effect, estimated settlement, pile driving, probe piles and pile load tests, vibration monitoring, site preparation and fill materials, and fill placement and compaction). The analyses and recommendations presented in the report provided recommendations for design and general construction.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
October 2023	N/A	\$5,500 (fee)

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

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Doerle Food Services (New Facility - 6th St. at Anselmi St.), Port Fourchon, Lafourche Parish, Louisiana Team Group, Ltd. 1001 W. Eulless Blvd Ste 209 Eulless TX 76040 Andrew Bowser, P.E., 817-510-0201 abowser@teamgrp.com	Geotechnical investigation for new distribution facility for Doerle Food Services in Port Fourchon, LA. The project consists of the construction of a main building approx. 180 ft. by 270 ft. in plan dimensions with associated parking and driveway areas. Approx. 7 feet of fill is required to raise the site. The investigation includes drilling 4 borings, 2 to 100 ft. and 2 to 60 ft. below ground surface; laboratory testing (strength and classification), and; engineering analyses consisting of allowable pile load capacities, fill and downdrag analyses, estimates of settlement, and rigid and flexible paving recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	N/A	\$13,000 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Treasure Chest Casino, Kenner, Jefferson Parish, Louisiana Boyd Gaming Corporation 6465 S. Rainbow Boulevard Las Vegas NV 89118 Melissa Kindhart, 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:
October 2020	N/A	\$53,760 (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.	Gulf South Engineering and Testing, Inc. is not currently, nor has it previously been involved, in litigation with Jefferson Parish.	
2.		
3.		
4.		

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



ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

PROFESSIONAL TRAINING AND EXPERIENCE

Gulf South Engineering and Testing, Inc. (Gulf South) is a geotechnical engineering and construction materials testing and inspection company which began operations in 2011. Since that time, we have grown to two offices and nearly three 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 small entrepreneurship in Louisiana. Our laboratory is AASHTO and CCRL certified and USACE validated.

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

TEC Professional Services Questionnaire

N. continued.

Geotechnical Engineering Services

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

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

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

Laboratory Testing Services

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

Field Investigation Services

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

TEC Professional Services Questionnaire

N. continued.

Construction Materials Testing & Inspection

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

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

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

SIZE OF FIRM

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

CAPACITY FOR TIMELY COMPLETION

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

The contract and contractual issues will be overseen by Chad M. Poché, P.E. The technical aspects of tasks assigned to the contract will be managed by Eric A. Paille, C.E.T., A.C.I., with support and oversight as needed from Brandon A. Paille, A.C.I.; James Tiner, A.C.I.; Joseph H. "Trey" Binder, III, A.C.I.; and Gulf South's various department managers, technicians, and administrative support staff.

TEC Professional Services Questionnaire

N. continued.

As a task or project is awarded to the Gulf South Team, a file number is assigned to the project and all pertinent information is gathered (name, location, contacts, etc.). Brandon A. Paille, ACI will manage the project and assign appropriate personnel to accomplish the task. All field tests and reports are reviewed by Mr. Poché/Mr. Beard and Mr. Paille prior to being sent to the client.

Elements of our task work can include:

- meet with client to discuss project parameters and required tests/inspection
- collect any samples for testing for Proctor tests or pre approval to be used
- visit site as needed and requested to perform tests/inspections
- provide daily reports of findings and results

All field tests and reports are reviewed by Mr. Poché/Mr. Beard and Mr. Paille prior to being sent to the client.

All laboratory tests are reviewed by Gulf South's laboratory manager. Daily Field Reports are prepared and distributed by Gulf South's administrative personnel.

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

PAST PERFORMANCE

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. 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.

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

LOCATION OF THE PRINCIPAL OFFICE

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

TEC Professional Services Questionnaire

N. continued.

LEGAL STATEMENT

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

PRIOR SUCCESSFUL COMPLETION OF PROJECTS

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

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

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

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

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

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

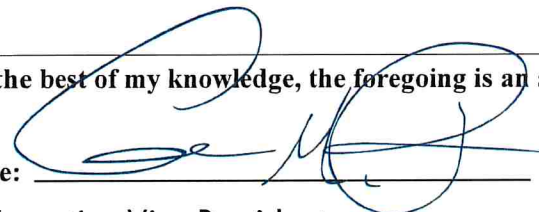
Mark R. Drewes, P.E., Director, Public Works Department, Jefferson Parish
(504-736-6783 | JPPW@jeffparish.net)

Michael B. Cooper, Parish President, St. Tammany Parish
(985-898-2362 | president@stpgov.org)

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

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

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: November 26, 2024

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Jefferson Parish Economic Development Commission (JEDCO)
New Orleans Food & Beverage Incubator
RFQ # 24-1211

B. Firm Name & Address:



BFM Corporation, LLC

15 Veterans Memorial Boulevard | Kenner LA 70062

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

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

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

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

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

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

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

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

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

<u>4</u>	Administrative		Estimators		Specification Writers
	Architects (Licensed)		Geologists		Structural Engineers
	Chemical Engineers	<u>1</u>	Geotechnical Engineers		Graduate Engineers
	Civil Engineers		Interior Designers	<u>2</u>	Project Managers
	Construction Inspectors		Landscape Architects		Clerical (<i>see Administrative</i>)
	Ecologists	<u>1</u>	Land Surveyor (<i>Apprentice</i>)		Grant/Funding Specialist
	Electrical Engineers		Mechanical Engineers		Sanitary Engineers
	Engineer Intern		Environmental Engineers	<u>1</u>	<i>Researcher/Archivist</i>
<u>2</u>	Professional Land Surveyors			<u>2</u>	<i>CADD Technicians</i>
				<u>5</u>	<i>Survey Crew Chief</i>
				<u>4</u>	<i>Survey Crew Instrumentman</i>
				<u>22</u>	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. <div style="text-align: center; font-size: 1.2em;">N/A</div>		
2.		
H. Has this JOINT-VENTURE previously worked together? Please check: <div style="display: flex; justify-content: space-around; margin-top: 5px;"> YES _____ NO _____ N/A </div>		
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. <div style="text-align: center; font-size: 1.2em;">N/A</div>		
2.		
3.		
J. Please specify the total number of support personnel that may assist in the completion of the Project: <div style="margin-top: 10px;"> 22 <i>(all personnel will be available for assignment to the project)</i> </div>		

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e., résumé) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.
PROFESSIONAL IN CHARGE OF PROJECT:
Name & Title: Ralph P. Fontcuberta, Jr., PLS Executive Vice President / Registered Professional Land Surveyor
Project Assignment: Registered Professional Land Surveyor
Name of Firm with which associated: <div style="display: flex; align-items: center;"> <div> CORPORATION, LLC Professional Land & Hydrographic Surveying </div> </div>
Years' experience with this Firm: <div style="display: flex; justify-content: space-between;"> <div> 42 years (Founding Principal of BFM in 1982); 57 years total (1967) </div> <div style="text-align: right;"> <i>Gulf South Engineering and Testing, Inc. 2017 to present</i> <i>BFM Corporation, LLC 1982 to present</i> <i>Surveys, Inc. 1967 to 1982</i> <i>The Boeing Company 1964 to 1967</i> </div> </div>
Education: Degree(s)/Year/Specialization: 2 yr, Building Trade Curriculum, Delgado, New Orleans 2 yr, Mathematics Curriculum, University of New Orleans
Active Registration: Year first registered/discipline: 1974 / Professional Land Surveyor (Louisiana No. 4329) 1974 / Professional Land Surveyor (Mississippi No. 1633)
Other experience and qualifications relevant to the proposed Project: <p>Ralph P. Fontcuberta, Jr., PLS has provided services on an almost incalculable number of surveying projects throughout southeastern Louisiana in the past half century and has been a registered Professional Land Surveyor (PLS) since 1974. He is thoroughly knowledgeable in all aspects of surveying: topographic, hydrographic, boundary, right-of-way surveying, and all facets thereof. He has provided surveying services for residential, plant, and industrial layout projects, ranging from small private lots & buildings to multi-million-dollar programs, including the New Orleans FEMA Streets/Recovery Roads Program. Since the beginning of his career, his work has entailed computations, drafting, and field work for various industrial, commercial, municipal, and private clients.</p> <p>Project work has included topographic surveying needed for a wide variety of engineering, architectural, construction, and other related endeavors. This has included projects for numerous branches of virtually every regional city/parish/town government, multiple State agencies (LA Dept. of Natural Resources (LADNR), Coastal Protection & Restoration Administration (CPRA), LA</p>

TEC Professional Services Questionnaire

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

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

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

- Naval Support Facility Topographic Survey, New Orleans, LA
- Proposed Lafreniere Park Food Pavilion, Metairie, Jefferson Parish, LA
- St. Ville Elementary School (fmr Helen Cox HS) Surveying Services, Harvey, Jefferson Parish, LA
- Cold Storage Facility Construction Layout Services, Port of New Orleans, LA
- Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA
- Public Operations Proposed Storage Warehouse, City of Slidell, LA
- Mid City Apartments Phase II, New Orleans, LA
- Hospital Expansion Project, Chalmette, St. Bernard Parish, LA
- Copeland's Wharf House at Spanish Plaza, New Orleans, LA
- Clancy-Maggiore Elementary School for the Arts Survey, Kenner, Jefferson Parish, LA
- Expansion of the Port of New Orleans Cold Storage Facility, Port of New Orleans, LA
- Cold Storage Facility Construction Layout Services, Port of New Orleans, LA
- Treasure Chest Casino, Kenner, Jefferson Parish, LA
- Memorial Baptist Church and School, Jefferson Parish, LA
- Medical Center Boulevard Lighting, Marrero, Jefferson Parish, LA
- Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA
- Behrman Park Natatorium, New Orleans, LA
- Marerro 911 Center, Marrero, Jefferson Parish, LA
- Boothville-Venice Community Center and Swimming Pool, Plaquemines Parish, LA
- Lafitte Arts Center, Jefferson Parish, LA
- Hispanic Community Center, Kenner, LA
- New North Terminal, Louis Armstrong New Orleans International Airport, Kenner, LA
- New Veterans Administration Hospital, First District, Orleans Parish, LA
- Ernest N. Morial Convention Center Neighborhood Site Infrastructure, New Orleans, LA
- Fontainebleau State Park Visitor Center Building, Roadway, and Cabins, St. Tammany Parish, LA
- Port of New Orleans Cruise Terminal Planning, Port of New Orleans, LA
- New Orleans Hornets Practice Facility, New Orleans, LA

TEC Professional Services Questionnaire

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

- Federal City (Naval Yard) - Land Use Planning & Redevelopment, New Orleans, LA
- Replacement Hospital at the Veterans Administration Medical Center, New Orleans, LA
- University Medical Center (First District/LSU Infrastructure), Orleans Parish, LA
- Joseph J. Davies Elementary School, St. Bernard Parish, LA
- Peter C Bertucci Elementary School (Ames Farms/Lower Estelle Plantation), Jefferson Parish, LA
- Parking Garage As-Built Survey, Louis Armstrong New Orleans International Airport, Kenner, LA
- Greater Works Community Center, New Orleans, LA
- NOPD 4th District & NOFD Engine 33/40 Consolidated Station, City of New Orleans, LA
- Central Plant Building, Dillard University, New Orleans, LA
- Lincoln Elementary School, Marrero, Jefferson Parish Public Schools, Jefferson Parish, LA
- Veterans Administration Medical Center, Gulfport Campus, Gulfport, MS
- Proposed Louisiana State University Band Hall Site, LSU Campus, Baton Rouge, LA
- Grace Elizabeth King High School, Jefferson Parish, LA
- LSU Medical Center, New Orleans, LA
- Fairway Medical Center, Covington, LA
- Holy Cross Site ALTA/ACSM Land Title Survey, Orleans Parish, LA
- Kate Middleton School - 3D Scanning Services (Building Interior), Gretna, Jefferson Parish, LA
- Parish School Board Facilities Building Complex, Gretna, Jefferson Parish, LA
- The New Liberty - Gretna No. 2 Academy, Jefferson Parish, LA
- West Jefferson Medical Center (WJMC) Emergency Generators, Jefferson Parish, LA
- Woods Elementary School, Kenner, Jefferson Parish, LA
- Thomy Lafon School, Orleans Parish, LA
- Abney Elementary School, St. Tammany Parish School Board, Slidell, LA
- St. Katherine Drexel Chapel at Xavier University, Orleans Parish, LA
- Grand Isle Multiplex Center, Jefferson Parish, LA
- Harrah's Casino Outdoor Gaming Patio (Phase 2), New Orleans, LA
- Campus Wide Standby Power Generators, LSU Health Sciences Center, New Orleans, LA
- Plaquemines Discovery Center Survey, Plaquemines Parish, LA
- Youth Study Center Expansion, New Orleans, LA
- Ernest N. Morial Convention Center, New Orleans, LA
- Construction Staking for City Park Complex, New Orleans, LA
- Alario Center Expansion, New Orleans, LA
- Human Development Center Site at the LSU Health Sciences Center, Orleans Parish, LA
- Proposed Veterans Administration Hospital, New Orleans, LA

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Chad M. Poché, P.E.

Executive Vice President / Registered Professional Geotechnical Engineer

Project Assignment:

Engineering Liaison

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

7 years (became partial owner of BFM in 2017);
31 years total (1993)

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

Education: Degree(s)/Year/Specialization:

M.S., 1998, Civil Engineering, University of New Orleans

B.S., 1993, Civil Engineering, Louisiana State University

Active Registration: Year first registered/discipline:

1998, Civil Engineer (Louisiana No. 27667)

2002, Civil Engineer (Mississippi No. 15405)

Other experience and qualifications relevant to the proposed Project:

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

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

TEC Professional Services Questionnaire

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

Naval Support Facility Topographic Survey, New Orleans, LA. BFM provided topographic surveying for the project; the scope, which was executed in addition to BFM's previous project (10549), included establishing four Temporary Benchmarks near the site, locating the extents of loading docks and all ramps entering/exiting the buildings, providing elevations of asphalt around extents of all buildings, and taking Spot Elevations. Utilities and drainage, sewerage, and water structures were located. All data collected for this survey was noted in a separate drawing, but inclusive of the applicable items from previous BFM Project #10549 such as the resubdivided boundary and verified utilities. (\$20,360 (fee); 2024)

Proposed Lafreniere Park Food Pavilion, 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)

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

Cold Storage Facility Construction Layout Services, 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. (\$74,323 (fee); 2021)

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)

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. Certificates were provided for each building (Apartment and Parking Garage); this included Form Certificates, Slab Certificates, and final FEMA Certificates upon completion of construction. (\$54,000 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Gary J. Lambert, Jr., PLS

Vice President / Registered Professional Land Surveyor

Project Assignment:

Project Manager/Drafting Supervisor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

6 years (joined BFM in 2018);
13 years total (2011)

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

Education: Degree(s)/Year/Specialization:

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

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

Active Registration: Year first registered/discipline:

2021, Professional Land Surveyor (Louisiana No. 5929)

Other experience and qualifications relevant to the proposed Project:

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

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

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

TEC Professional Services Questionnaire

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

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

Naval Support Facility Topographic Survey, New Orleans, LA. BFM provided topographic surveying for the project; the scope, which was executed in addition to BFM's previous project (10549), included establishing four Temporary Benchmarks near the site, locating the extents of loading docks and all ramps entering/exiting the buildings, providing elevations of asphalt around extents of all buildings, and taking Spot Elevations. Utilities and drainage, sewerage, and water structures were located. All data collected for this survey was noted in a separate drawing, but inclusive of the applicable items from previous BFM Project #10549 such as the resubdivided boundary and verified utilities. (\$20,360 (fee); 2024)


Proposed Lafreniere Park Food Pavilion, 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)

Cold Storage Facility Construction Layout Services, 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. (\$74,323 (fee); 2021)

Haynes Academy Proposed Parking Topographic Survey, Metairie, Jefferson Parish, LA. BFM was selected to prepared Topographic Survey at two sites for the project on Metairie Road in Jefferson Parish, which established two Temporary Benchmarks (TBMs); located improvements, utilities and applicable trees; took spot elevations (25 ft. intervals - proposed parking lot area and Magnolia Drive; and at 50 ft. within the remaining area). (\$16,880 (fee); 2022)

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Christopher Lemley Field Operations Manager/Survey Crew Chief	
Project Assignment:	
Field Operations Manager/Survey Crew Chief	
Name of Firm with which associated:	
 BFM CORPORATION, LLC Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
10 years (joined BFM in 2014); 18 years total (2006)	<i>BFM Corporation, LLC 2014 to present</i> <i>G.E.C., Inc. 2010 to 2014</i> <i>Krebs, LaSalle, LeMieux Consultants, Inc. 2006 to 2010</i>
Education: Degree(s)/Year/Specialization:	
High School Diploma	
Active Registration: Year first registered/discipline:	
American Traffic Safety Service Assn. – Traffic Flagger Louisiana Boater Education - Boating Safety Certificate Norfolk Southern Roadway Worker Protection Contractor Safety Certificate	
Other experience and qualifications relevant to the proposed Project:	
<p>Chris Lemley's services as BFM's Field Operations Manager includes overseeing all field work and activity by company personnel. His surveying experience includes over 8 years as a Survey Crew Chief. His survey software experience includes projects involving Trimble, Topcon, Leica, and Hypack, and has maintained and operated GPS, Auto-Level, and Total Station. Notable past project work has included the New Orleans Museum of Art, Jackson Barracks Restoration, US Highway 11, NASA Michoud Cells 3 & 4, the St. Bernard Lot Next Door Program, and multiple Orleans Parish School Recovery projects (including L.B. Landry, George Washington Carver, and Alice M. Harte schools).</p> <p>Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA. BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. The scope of services included establishing the nearest property line to the area being surveyed at each school, 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)</p>	

TEC Professional Services Questionnaire

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

Airline Park Elementary School Resubdivision & Site-Specific Topographic Survey, Metairie, Jefferson Parish, LA. BFM was selected by the JPPSS to prepare a Resubdivision & Site-Specific Topographic Survey at the Airline Park Elementary School in Jefferson Parish. The scope of services included execution of a resubdivision survey, which combined Lot 7, Lot 8, and Lot Z, Square 217, Airline Park North Subdivision, into one lot of record). The topographic survey included baseline, CBM, spot elevations, location of improvements & utilities, and natural elements. Deliverables included plan & baseline profile, Three-Point Tie Worksheets, the CBM certificate, and a Metes-and-Bounds Legal Description for the resubdivided lot. A later phase of this project (executed under separate contract) involved New Parking Lot and Drainage for the site. This survey located additional drainage elements with invert data in addition to curb and gutter elevations, as well as location of the inlet. (\$16,890 (fees); 2021)

Hospital Expansion Project, Chalmette, St. Bernard Parish, LA. BFM provided surveying services for the project. 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)

Proposed Lafreniere Park Food Pavilion, 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)

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)

Naval Support Facility Topographic Survey, New Orleans, LA. BFM provided topographic surveying for the project; the scope, which was executed in addition to BFM's previous project (10549), included establishing four Temporary Benchmarks near the site, locating the extents of loading docks and all ramps entering/exiting the buildings, providing elevations of asphalt around extents of all buildings, and taking Spot Elevations. Utilities and drainage, sewerage, and water structures were located. All data collected for this survey was noted in a separate drawing, but inclusive of the applicable items from previous BFM Project #10549 such as the resubdivided boundary and verified utilities. (\$20,360 (fee); 2024)

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
John Philip Thayer Procurement Director (Proposals & Project Management Support)	
Project Assignment:	
Project Management Support	
Name of Firm with which associated:	
 BFM CORPORATION, LLC Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
16 years (joined BFM in 2008); 17 years total (2007)	<i>BFM Corporation, LLC 2008 to present</i> <i>Delle Land Surveying 2007 to 2008</i>
Education: Degree(s)/Year/Specialization:	
Certificate, 2015, Land Surveying Services B.S., 2007, Physical Education, Trevecca Nazarene University	
Active Registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<p>Phil Thayer serves as BFM's Procurement Director, providing proposal preparation and Project Management Support, having considerable experience in field surveying services, including ALTA/as-built surveying, construction layout, boundary, topographic, cross-sections, GPS use, and numerous other surveying types.</p> <p>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)</p> <p>Naval Support Facility Topographic Survey, New Orleans, LA. BFM provided topographic surveying for the project; the scope, which was executed in addition to BFM's previous project (10549), included establishing four Temporary Benchmarks near the site, locating the extents of loading docks and all ramps entering/exiting the buildings, providing elevations of asphalt around extents of all buildings, and taking Spot Elevations. Utilities and drainage, sewerage, and water structures were located. All data collected for this survey was noted in a separate drawing, but inclusive of the applicable items from previous BFM Project #10549 such as the resubdivided boundary and verified utilities. (\$20,360 (fee); 2024)</p>	

TEC Professional Services Questionnaire

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

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

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. Certificates were provided for each building (Apartment and Parking Garage); this included Form Certificates, Slab Certificates, and final FEMA Certificates upon completion of construction. (\$54,000 (fee); 2019)

Copeland's Wharf House at Spanish Plaza, New Orleans, LA. BFM provided surveying services for the project site, located at #500 Port of New Orleans Place in New Orleans, Louisiana. Site specific survey services included establishing two temporary benchmarks (TBMs), location of utilities, and locating the perimeter of the existing building. A finished floor elevation (FFE) was set for the kitchen slab and each doorway of the building and arcade structure. BFM also provided location and elevation of electrical transformer on site. (\$7,450 (fee); 2019)

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)

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

East 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 clean-outs, electrical boxes, etc. utilizing laser scanning (Leica C10 HDS). A plan view showing topographic features (trees, pavement, piping, etc.) and a contour map are part of the final deliverables for the product. (\$4,798 (fee); 2016)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Dawn Hoffman Researcher/Archivist	
Project Assignment:	
Researcher/Archivist	
Name of Firm with which associated:	
 Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
15 years (joined BFM in 2009); 27 years total (1997)	<i>BFM Corporation, LLC 2009 to present</i> <i>Fluor Corporation 2007 to 2009</i> <i>Geographic Computer Technologies, LLC 2000 to 2007</i>
Education: Degree(s)/Year/Specialization:	
A.D., 1999, Computer-Aided Drafting, Southeast College of Technology Certificate, 2003, Introduction to ArcGIS, Louisiana State University	
Active Registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<p>Dawn Hoffman serves as BFM's primary researcher and has more than 25 years of experience in this field. She is extremely knowledgeable with researching in various parishes and cities.</p> <p>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)</p> <p>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. Certificates were provided for each building (Apartment and Parking Garage); this included Form Certificates, Slab Certificates, and final FEMA Certificates upon completion of construction. (\$54,000 (fee); 2019)</p>	

TEC Professional Services Questionnaire

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

Behrman Park Natatorium, New Orleans, LA. BFM Corporation provided topographic and boundary surveying services for the Natatorium at Behrman Park on the West Bank of New Orleans, a \$5.9 M project. The Scope of Services included establishing both a Temporary Benchmark and Construction Benchmark at the site, and locating visible above-ground utilities and those underground utilities with visible surface evidence. Research involved obtaining (as available) the record drawings from the controlling agencies and plotted the utilities based on those maps when actual locations were not available. Furthermore, BFM works with Louisiana One Call to mark underground utilities within the Limits of Survey prior to execution of the field survey. (\$9,994 (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)


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

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)

Medical Center Boulevard Lighting, Marrero, Jefferson Parish, LA. BFM executed a Route Topographic Survey for the proposed lighting project; the survey extended from apparent R/W (right-of-way) to apparent R/W along Medical Center Boulevard from Wichers Drive to the West Bank Expressway (approximately 2,200 linear feet), with spot elevations taken at 50 foot intervals. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. BFM established a baseline and temporary benchmarks along each route, as well as location of improvements and utilities. (\$26,410 (fee); 2020)

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Anthony Watson CADD Technician (AutoCADD Drafting Services)	
Project Assignment:	
CADD Technician (AutoCADD Drafting Services)	
Name of Firm with which associated:	
 CORPORATION, LLC Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
13 years (joined BFM in 2011); 33 years total (1991)	<i>BFM Corporation, LLC 2011 to present</i> <i>Krebs LaSalle Lemieux / GEC 2008 to 2011</i> <i>Doug Connally and Associates Land Surveying (Dallas, TX) 1995-2008</i> <i>Electrician 1991 to 1995</i> <i>City of Plano TX (Part-Time Drafting Services) 1991</i>
Education: Degree(s)/Year/Specialization:	
Coursework - CAD, Avatech Solutions, Los Colinas, TX	
Active Registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<p>Anthony Watson has experience as a draftsman/survey technician, having started his career as an intern with the Surveying Department of the City of Plano, Texas. His experience through the years includes manual and computer-aided drafting for a wide range of projects, ranging from small lot surveys to subdivisions to municipal treatment and private industrial plants. He has experience in all facets of surveying (boundary, topographic, ALTA/ACSM, plan & profile, etc.) in both drafting and field environments.</p> <p>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)</p> <p>St. Ville Elementary School (formerly Helen Cox High School) Surveying Services, Harvey, Jefferson Parish, LA. BFM provided surveying services for the project site, including an Elevation Survey with Construction Benchmark (CBM), locating the exterior of the existing gymnasium, and</p>	

TEC Professional Services Questionnaire

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

preparing an Elevation Survey with spot elevation for differential settlement changes. Boundary and topographic survey was executed, establishing a new CBM and Temporary Benchmark (TBM) on site. Utilities were located. A Route Topographic & Right-of-Way Survey was executed establishing baseline, TBMs, and locating existing improvements as well as above-ground & underground utilities and drainage, sewerage, & water structure pipes. Property corners were located to establish right-of-way and servitudes/easements. (\$45,500 (cumulative fee); 2024)

Copeland's Wharf House at Spanish Plaza, New Orleans, LA. BFM provided surveying services for the project site, located at #500 Port of New Orleans Place in New Orleans, Louisiana. Site specific survey services included establishing two temporary benchmarks (TBMs), location of utilities, and locating the perimeter of the existing building. A finished floor elevation (FFE) was set for the kitchen slab and each doorway of the building and arcade structure. BFM also provided location and elevation of electrical transformer on site. (\$7,450 (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. Certificates were provided for each building (Apartment and Parking Garage); this included Form Certificates, Slab Certificates, and final FEMA Certificates upon completion of construction. (\$54,000 (fee); 2019)

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)

Federal City (Naval Yard) – Land Use Planning & Redevelopment, New Orleans, LA. BFM's project scope for the project included a boundary survey with improvements and legal description for a 21 Acre Parcel, Building 10, Building 11, Buildings 2 & 4. Under separate contracts, BFM also executed a topographic survey of multiple portions of Patterson Road. (\$37,110 (fee); 2016)

New North Terminal, Louis Armstrong New Orleans International Airport, Kenner, LA. 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 & 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)

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

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Kevin A. Roberts CADD Technician (AutoCADD Drafting Services)	
Project Assignment:	
CADD Technician (AutoCADD Drafting Services)	
Name of Firm with which associated:	
 CORPORATION, LLC Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
6 years (joined BFM in 2018); 39 years total (1985)	<i>BFM Corporation, LLC 2018 to present</i> <i>J.V. Burkes and Associates 2017 to 2018</i> <i>Evans-Graves Engineers 2003 to 2017</i> <i>J. Ray McDermott 2002 to 2003</i> <i>MECO (Drafting Dept) 2002 to 2003</i> <i>Advanced Commercial Contracting (Drafting Dept) 1999 to 2002</i> <i>SOTEC (Drafting Dept) 1999</i> <i>UNO Purchasing & Physical Plant Depts. 1985 to 1997</i>
Education: Degree(s)/Year/Specialization:	
A.D., 1999, Drafting & Design, Louisiana Technical College Coursework, 1994-1997, Nunez Community College Coursework, 1984-1988, Delgado Community College Coursework, 1982-1983, University of New Orleans	
Active Registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<p>Kevin Roberts has direct drafting experience with civil engineering, offshore engineering, water purification systems, and general architectural and construction design & terminology. He joined BFM in 2018 and provides drafting services to the firm.</p> <p>St. Ville Elementary School (formerly Helen Cox High School) Surveying Services, Harvey, Jefferson Parish, LA. BFM provided surveying services for the project site, including an Elevation Survey with Construction Benchmark (CBM), locating the exterior of the existing gymnasium, and preparing an Elevation Survey with spot elevation for differential settlement changes. Boundary and topographic survey was executed, establishing a new CBM and Temporary Benchmark (TBM) on site. Utilities were located. A Route Topographic & Right-of-Way Survey was executed establishing baseline, TBMs, and locating existing improvements as well as above-ground & underground utilities and drainage, sewerage, & water structure pipes. Property corners were located to establish right-of-way and servitudes/easements. (\$45,500 (cumulative fee); 2024)</p>	

TEC Professional Services Questionnaire

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

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)

Proposed Lafreniere Park Food Pavilion, 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)


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

NOFD/NOPD Consolidated Station (Wall & Horace), New Orleans, LA. BFM provided boundary and topographic surveying services for this Consolidated Station site, which included the New Orleans Fire Department's Engine Nos. 33/40 and New Orleans Police Department's 4th District Station, on the corner of Wall Boulevard and Horace Street. In another phase, BFM's surveying scope involved revising the previous survey to show the Right-of-Way Revocation and Resubdivision of the Consolidated Station. (\$11,488 (cumulative fee); 2019)

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 (trees and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included. (\$16,590 (fee); 2018)

Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA. BFM provided site-specific topographic surveying services for the project; this included obtaining the finished floor elevation of buildings within the Limits of Survey. Spot elevations were also taken. Other services included establishing two Construction Benchmarks (one near each site being surveyed), location of existing improvements, location of utilities (sewer, drainage, water), taking spot elevations, and locating and identifying trees on the project site. Project deliverables included a detailed indelible print and high-resolution PDF, AutoCAD drawing files, and the physical Construction Benchmark Certificates for the project. (\$9,290 (fee); 2020)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Curtis "Jay" Barrios Survey Crew Chief	
Project Assignment:	
Survey Crew Chief	
Name of Firm with which associated:	
 CORPORATION, LLC Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
34 years (joined BFM in 1990); 39 years total (1985)	<i>BFM Corporation, LLC 1990 to present</i> <i>Benson Mercedes Benz 1989 to 1990</i> <i>SECO Electric 1987</i> <i>Frishhertz Electric 1986 to 1987</i> <i>Plain Construction 1985 to 1986</i>
Education: Degree(s)/Year/Specialization:	
High School Diploma	
Active Registration: Year first registered/discipline:	
American Traffic Safety Service Assn. – Traffic Flagger Basic OSHA Training Class Completion Transportation Work Identification Card (TWIC)	
Other experience and qualifications relevant to the proposed Project:	
<p>Jay Barrios' surveying experience includes boundary, hydrographic, and topographic. He has been the Survey Crew Chief for thousands of projects and is one of the more experienced surveyors in the area. Further, Mr. Barrios has been involved on major transmission projects for Entergy and South Central Bell (AT&T).</p> <p>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)</p> <p>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</p>	

TEC Professional Services Questionnaire

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

shooting existing elevations, provision of corners, and staking piles. After project completion, an As-Built Survey was executed for both buildings. Certificates were provided for each building (Apartment and Parking Garage); this included Form Certificates, Slab Certificates, and final FEMA Certificates upon completion of construction. (\$54,000 (fee); 2019)

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)

Hospital Expansion Project, Chalmette, St. Bernard Parish, LA. BFM provided surveying services for the project. 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)

Proposed Lafreniere Park Food Pavilion, 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)

Public Operations Proposed Storage Warehouse, City of Slidell, LA. BFM prepared a Topographic Survey of the proposed shed location for the City's Public Operations Department. Scope of services included establishing a baseline throughout the project site and setting a Construction Benchmark (CBM). Spot elevations were taken. Existing improvements within the designated Limits of Survey were located as were visible above-ground & underground utilities. The survey also determined surface observable drainage, sewerage, and water structures. Project deliverables included detailed indelible prints, a high-resolution PDF, a Three-Point Tie Worksheet, a Construction Benchmark Certificate, and AutoCAD files. (\$9,455 (fee); 2023)

Naval Support Facility Topographic Survey, New Orleans, LA. BFM provided topographic surveying for the project; the scope, which was executed in addition to BFM's previous project (10549), included establishing four Temporary Benchmarks near the site, locating the extents of loading docks and all ramps entering/exiting the buildings, providing elevations of asphalt around extents of all buildings, and taking Spot Elevations. Utilities and drainage, sewerage, and water structures were located. All data collected for this survey was noted in a separate drawing, but inclusive of the applicable items from previous BFM Project #10549 such as the resubdivided boundary and verified utilities. (\$20,360 (fee); 2024)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Eric Gladney II
Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

10 years (joined BFM in 2014);
23 years total (2001)

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

Fire Station No. 38, Jefferson Parish, LA. BFM provided boundary and topographic surveying; scope included establishing a baseline throughout the project site, establishing two Temporary Benchmarks, and locating existing improvements within the designated Limits of Survey. Property corners on subject property and adjacent properties were also located. Visible above ground & underground utilities were located; if a utility did not exist within the limits of survey, BFM located the nearest utility adjacent to the site. Drainage, sewerage, and water structures piping were also located, and trees were located and identified. Project deliverables included a print and high-resolution PDF, a three-point tie worksheet, an ASCII file of data collected, and AutoCAD DWG files. (\$11,470 (fee); 2022)

TEC Professional Services Questionnaire

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

Proposed Lafreniere Park Food Pavilion, 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)

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)

Folgers Coffee Company, New Orleans, LA. BFM's surveying services included a pile stakeout of the project site in order to layout piles as depicted in the project plans. BFM further located adjacent building corners to verify these plans and orientate proposed building location. (\$7,495 (fee); 2018)

J.C. Ellis Elementary School - 8 Classroom Replacement Project, Metairie, Jefferson Parish, LA. BFM Corporation provided Boundary and Topographic Surveying services for the project. The project established a Construction Benchmark (CBM), took spot elevations, located and/or established property corners, located improvements within the Limits of Survey, and located utilities and applicable trees. A Survey Update after demolition had occurred at the site was executed; this updated the post-demolition conditions, showed the limits of remaining asphalt and location of surrounding buildings. Deliverables included Legal Description, CBM, and plan & baseline profile views with cross sections as well as updated prints and AutoCAD drawing files in DWG format. (\$16,215 (fees); 2022)

Airline Park Elementary School Resubdivision & Site-Specific Topographic Survey, Metairie, Jefferson Parish, LA. BFM was selected by the JPPSS to prepare a Resubdivision & Site-Specific Topographic Survey at the Airline Park Elementary School in Jefferson Parish. The scope of services included execution of a resubdivision survey, which combined Lot 7, Lot 8, and Lot Z, Square 217, Airline Park North Subdivision, into one lot of record). The topographic survey included baseline, CBM, spot elevations, location of improvements & utilities, and natural elements. Deliverables included plan & baseline profile, Three-Point Tie Worksheets, the CBM certificate, and a Metes-and-Bounds Legal Description for the resubdivided lot. A later phase of this project (executed under separate contract) involved New Parking Lot and Drainage for the site. This survey located additional drainage elements with invert data in addition to curb and gutter elevations, as well as location of the inlet. (\$16,890 (fees); 2021)

St. Tammany Parish Public Schools Playground Equipment Topographic Survey Project, St. Tammany Parish, LA. BFM executed topographic surveys for six school sites in Slidell and Pearl River, St. Tammany Parish, Louisiana. At each location, the scope included establishing a baseline and setting temporary benchmarks, locating all improvements and applicable trees, and taking spot elevations at 50 ft. intervals. BFM assembled its team and worked with the individual schools to get all surveying accomplished either when classes were not in session (including weekends) or when it worked best for the school itself. (\$36,180 (fee); 2022)

TEC Professional Services Questionnaire

- L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this project. Please include and 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:
Naval Support Facility Topographic Survey , New Orleans, Louisiana NSAEB 603LLC 3300 Causeway Boulevard, Suite 400 Metairie LA 70002 Bryan Hayden bhayden@mccgroup.com	BFM provided topographic surveying for the project; the scope, which was executed in addition to BFM's previous project (10549), included establishing four Temporary Benchmarks near the site, locating the extents of loading docks and all ramps entering/exiting the buildings, providing elevations of asphalt around extents of all buildings, and taking Spot Elevations. Utilities and drainage, sewerage, and water structures were located. All data collected for this survey was noted in a separate drawing, but inclusive of the applicable items from previous BFM Project #10549 such as the resubdivided boundary and verified utilities.
Completion Date (Actual or estimated:)	Estimated Cost:
	Entire Project: Work for which Firm was Responsible:
November 2024	N/A \$20,360 (fee)

PROJECT NO. 2

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

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
St. Ville Elementary School (formerly Helen Cox High School) Surveying Services , Harvey, Jefferson Parish, Louisiana LACHIN Architects, apc 5190 Canal Blvd Ste 201 New Orleans LA 70124 Fred Allison , 504-214-3261 fred@lachinarch.com	BFM provided surveying services for the project site, including an Elevation Survey with Construction Benchmark (CBM), locating the exterior of the existing gymnasium, and preparing an Elevation Survey with spot elevation for differential settlement changes. Boundary and topographic survey was executed, establishing a new CBM and Temporary Benchmark (TBM) on site. Utilities were located. A Route Topographic & Right-of-Way Survey was executed establishing baseline, TBMs, and locating existing improvements as well as above-ground & underground utilities and drainage, sewerage, & water structure pipes. Property corners were located to establish right-of-way and servitudes/easements.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2024	N/A	\$45,500 (cumulative fee)

PROJECT NO. 4		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Cold Storage Facility Construction Layout Services , Port of New Orleans, Louisiana Tippman Group 9009 Coldwater Road Fort Wayne IN 46825 Joe Hunnicutt , 260-515-1247 jhunnicutt@tippmannngroup.com	BFM Corporation provided surveying services for the Construction Layout of the project. This includes layouts for piles, building, curbing/roadway, and utilities, as well as grading. BFM established horizontal and vertical control for the site prior the start of construction; this was referenced to the Louisiana State Plane Coordinate System (South Zone, NAD 1983 (2011)), with the vertical control datum referenced NAVD 1988 (Geoid 12B). Services include providing certificates for both Top of Form (TOF) and FEMA Elevation. BFM will also provide the As-Built Survey upon project completion.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2021	N/A	\$74,323 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, Louisiana Jefferson Parish Schools Facilities Department 4600 River Road Marrero LA 70072 Steve Faust, 504-349-8595 steve.faust@jppss.k12.la.us	BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. The scope of services included establishing the nearest property line to the area being surveyed at each school, establishing a construction benchmark, location of specific existing improvements within the Limits of Survey at each location as well as location of trees. Spot elevations were taken. Certificates prepared included a Construction Benchmark Certificate, a Top of Form Certificate and Sketch, a Top of Slab Certificate, and a Final FEMA Elevation Certificate.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
June 2020	N/A	\$47,461 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Public Operations Proposed Storage Warehouse, City of Slidell, Louisiana City of Slidell Department of Engineering 250 Bouscaren Street Slidell LA 70458 Christi Lambertson, 985-646-4270 clambertson@cityofslidell.org	BFM prepared a Topographic Survey of the proposed shed location for the City's Public Operations Department. Scope of services included establishing a baseline throughout the project site and setting a Construction Benchmark (CBM). Spot elevations were taken. Existing improvements within the designated Limits of Survey were located as were visible above-ground & underground utilities. The survey also determined surface observable drainage, sewerage, and water structures. Project deliverables included detailed indelible prints, a high-resolution PDF, a Three-Point Tie Worksheet, a Construction Benchmark Certificate, and AutoCAD files.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2023	N/A	\$9,455 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Mid City Apartments Phase II, New Orleans, Louisiana Edwards Communities Construction Company, LLC 495 S. High Street, Suite 350 Columbus OH 43215 Paul Stiak, 602-448-6737 pstiak@edwardsccc.com	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. Certificates were provided for each building (Apartment and Parking Garage); this included Form Certificates, Slab Certificates, and final FEMA Certificates upon completion of construction.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
July 2019	N/A	\$54,000 (cumulative fee)

PROJECT NO. 8		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Hospital Expansion Project, Chalmette, St. Bernard Parish, Louisiana Rozas Ward Architects 1100 Poydras St Ste 3550 New Orleans LA 70043 Darren Rozas, AIA, 504-524-4375	BFM provided surveying services for the project. 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.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
June 2020	N/A	\$35,280 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Copeland's Wharf House at Spanish Plaza , New Orleans, Louisiana Mathes Brierre Architects 201 St Charles Ave, Ste 4100 New Orleans LA 70170 Angela Morton , 504-586-9303	BFM provided surveying services for the project site, located at #500 Port of New Orleans Place in New Orleans, Louisiana. Site specific survey services included establishing two temporary benchmarks (TBMs), location of utilities, and locating the perimeter of the existing building. A finished floor elevation (FFE) was set for the kitchen slab and each doorway of the building and arcade structure. BFM also provided location and elevation of electrical transformer on site.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2019	N/A	\$7,450 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Clancy-Maggiore Elementary School for the Arts Survey , Kenner, Jefferson Parish, Louisiana Jefferson Parish Schools Facilities Department 4600 River Road Marrero LA 70072 David Taylor , 504-349-8595 david.taylor@jpschools.org	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).	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2017	N/A	\$19,940 (fee)

TEC Professional Services Questionnaire

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

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

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

BFM CORPORATION, LLC

Professional Land & Hydrographic Surveying

PROFESSIONAL TRAINING AND EXPERIENCE

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

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

Our capabilities include the following and more:

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

TEC Professional Services Questionnaire

N. continued.

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

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

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

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

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

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

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

SIZE OF FIRM

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

TEC Professional Services Questionnaire

N. continued.

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

CAPACITY FOR TIMELY COMPLETION

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

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

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

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

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

PAST PERFORMANCE ON PARISH CONTRACTS

BFM Corporation 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 State 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 over 40 years with BFM. He has provided **professional surveying services for thousands of projects for and throughout Jefferson Parish**.

TEC Professional Services Questionnaire

N. continued.

LOCATION OF THE PRINCIPAL OFFICE

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

LEGAL STATEMENT

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

PRIOR SUCCESSFUL COMPLETION OF PROJECTS

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

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

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

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

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

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

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

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: November 27, 2024