

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

B. Firm Name & Address:

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

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

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

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

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

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

TEC Professional Services Questionnaire

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

1.

2.

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

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

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

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

--

Project Assignment:

--

Name of Firm with which associated:

--

Years' experience with this Firm:

--

Education: Degree(s)/Year/Specialization:

--

Active registration: Year first registered/discipline:

--

Other experience and qualifications relevant to the proposed Project:

--

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

PROJECT NO. 1

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

PROJECT NO. 2

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

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

Jefferson Parish
State of Louisiana

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

Signature:  Print Name: _____

Title: _____ Date: _____

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-031 Rheem Facility Renovation. Resolution No. 144735

B. Firm Name & Address:

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

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

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	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u>3</u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </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>1</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>2</u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>10</u> TOTAL

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

TEC Professional Services Questionnaire

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

1.

2.

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

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

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

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

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:

- Member, American Society of Civil Engineers
- Expert Witness, State of Louisiana District Courts; United States District Courts, State of Louisiana
- Ballington Benefactor, Volunteers of America, SELA
- Former Board Member, University of New Orleans Athletic Department
- Former Member, Advisory Committee to the Commanding Officer of the New Orleans Naval Air Station
- Licensed in Arkansas, Florida, Georgia, Maryland, Michigan, Mississippi, New Jersey, New York, North Carolina, Pennsylvania, Tennessee, and Texas.

KEY PROJECTS

- NOLA Motorsports Park - Avondale, Louisiana
- Slip B LNG Facility - Golden Meadow, Louisiana
- Mercedes-Benz Superdome Renovation - New Orleans, Louisiana

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
R. Alan Harris, P.E., Senior Civil Engineer
Project Assignment:
Professional Engineer
Name of Firm with which associated:
Carubba Engineering, Inc.
Years' experience with this Firm:
14
Education: Degree(s)/Year/Specialization:
B.S., Civil Engineering / 2010 / University of New Orleans
Active registration: Year first registered/discipline:
2015 / Civil / Louisiana Professional Engineer License No. 39532
Other experience and qualifications relevant to the proposed Project:
<ul style="list-style-type: none">▪ Member, American Society of Civil Engineers▪ Expert Witness, State of Louisiana District Courts; United States District Courts, State of Louisiana▪ Licensed in Alabama, Arkansas, Florida, Indiana, Kentucky, Massachusetts, Mississippi, New Hampshire, New York, Tennessee, and Texas. <p><u>KEY PROJECTS</u></p> <ul style="list-style-type: none">▪ Plantation View Medical Offices - Destrehan, Louisiana▪ Waterloo Dry Bulk Terminal - Geismar, Louisiana▪ Buckeye Partners - Ingleside, Texas▪ The Garage Apartments - New Orleans, 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:
<ul style="list-style-type: none"> ▪ Member, American Society of Civil Engineers ▪ Expert Witness, State of Louisiana District Courts; United States District Courts, State of Louisiana ▪ Licensed in Alabama, Arkansas, Florida, Indiana, Kentucky, Michigan, Mississippi, Tennessee, and Texas <p><u>KEY PROJECTS</u></p> <ul style="list-style-type: none"> ▪ Concrete Mixing Plant - Plaquemines Parish, Louisiana ▪ Bulk Storage Terminal - Plaquemines Parish, Louisiana ▪ Audi Dealership - Lafayette, Louisiana ▪ Ship Docking Facility - Golden Meadow, Louisiana ▪ Mercedes-Benz Superdome Renovation - New Orleans, 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:
<ul style="list-style-type: none">▪ Member, American Society of Civil Engineers▪ Expert Witness, State of Louisiana District Courts; United States District Courts, State of Louisiana▪ Licensed in Mississippi and pending approval in Florida <p>KEY PROJECTS</p> <ul style="list-style-type: none">▪ Hard Rock Hotel Collapse - New Orleans, Louisiana▪ Southeastern Freight - Destrehan, Louisiana▪ World War II Museum Expansion - New Orleans, Louisiana▪ Civic Towers Renovation - Miami, Florida▪ Breakwater Drive Boathouses - New Orleans, Louisiana▪ Tulane University Additions and Repairs - New Orleans, Louisiana

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

PROJECT NO. 1		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Saint Mary's Academy – New Orleans, Louisiana 6905 Chef Menteur Highway New Orleans, Louisiana 70126</p> <p>AQ Studios c/o Charles Ward 504.524.4375</p>	<p>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.</p>	
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:	
<p>St. Charles Parish Government</p> <p>St. Charles Parish Sheriff's Training Facility 260 Judge Edward Dufresne Parkway Luling, Louisiana 70070</p> <p>Murray Architects, Inc. c/o Michael Tabb 985.764.7275</p>	<p>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.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011	\$7,000,000	\$2,100,000

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>St. Charles Parish Government</p> <p>St. Charles Parish Sheriff's Office</p> <p>260 Judge Edward Dufresne Parkway</p> <p>Luling, Louisiana 70070</p> <p>Murray Architects, Inc.</p> <p>c/o Michael Tabb</p> <p>985.764.7275</p>	<p>Murray Architects, Inc. hired Carubba Engineering, Inc. to perform the structural engineering for a 46,000 square foot multi-story steel and concrete building that consists of offices, meeting rooms, and open area training rooms. The structure is supported by deep wooden pile foundation, steel framing designed for gravity and lateral loads, elevated concrete floors designed to span between steel bar joists and provide rigidity throughout building.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2015	\$5,000,000	\$1,500,000

PROJECT NO. 4		
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</p> <p>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

TEC Professional Services Questionnaire

PROJECT NO. 5		
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. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Federal Emergency Management Agency (FEMA) CACI, Inc. Rhonda Keilholtz 240.893.8179	<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

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
River Birch Landfill 2000 South Kenner Road Avondale, Louisiana 70094 Coastal Environmental Services of LA, LLC c/o Jim Ward 985.781.3171	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	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$4,500,000	

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

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

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: President/Principal **Date:** September 9, 2024

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-031 Rheem Facility Renovation
Jefferson Parish Government

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:

<input checked="" type="checkbox"/> 1 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 checked="" type="checkbox"/> 2 Project Managers
<input type="checkbox"/> Construction Inspectors	<input type="checkbox"/> Landscape Architects	<input type="checkbox"/> Clerical
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Land Surveyor	<input type="checkbox"/> Grant/Funding Specialist
<input type="checkbox"/> Electrical Engineers	<input checked="" type="checkbox"/> 1 Mechanical Engineers	<input type="checkbox"/> Sanitary Engineers
<input checked="" type="checkbox"/> 1 Engineer Intern	<input type="checkbox"/> Environmental Engineers	
<input type="checkbox"/> 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:	
Prairieville High School Prairieville, LA Owner: Ascension Parish School Board 9690 Airline Highway Sorrento, LA 70778	This \$16 million project is one of the fifth feeder schools in Ascension parish, set to be completed by Spring 2024. Prairieville High School will be a 320,000 SF campus with enough classrooms to hold 2,000 students, a media center, two gymnasiums, a courtyard, and a two-story fieldhouse. Crumb Engineering is providing the HVAC, Plumbing, Mechanical and Electrical designing for the entire project.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	\$100 million	\$16 million

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Gaslight/Village de Jardin New Orleans, LA Owner: State of Louisiana 1201 N. Third St, Suite 7-160 Baton Rouge, LA 70802	Crumb Engineering designed all mechanical and electrical systems including fire alarm and automatic wet sprinkler system. The total development is 11.4 acres in size with 224 living units. The project consisted of multi-family senior housing including individual houses, (6) 8-unit townhouse buildings and (2) 5-story apartment complexes.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	\$42 million	\$8 million

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
St. Amant Freshman Academy St. Amant, LA Owner: Ascension Parish School Board 9690 Airline Highway Sorrento, LA 70778	Mechanical and Electrical engineering. 100,000 square foot building, design included voice evacuation fire alarm systems and automatic wet sprinkler system.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016	\$20 million	\$3.5 million

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Phyllis Wheatley Elementary New Orleans, LA Owner: OPSB 2401 Westbend Pkwy New Orleans, LA 70114	Mechanical Engineer for Recovery School District 98,000 square foot school consisted of classrooms, a library, a cafeteria and a gymnasium building with an NC 25 Gymnasium HVAC system and large choral and music rooms with NC 25 HVAC systems. The project utilized state of the art indoor air quality controls and was submitted to be LEED silver certified.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$24 million	\$4 million

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
APSB Office Warehouse Ascension Parish, LA Owner: Ascension Parish School Board 9690 Airline Highway Sorrento, LA 70778	Mechanical Engineering	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$4 million	\$700,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Delgado Nursing and Allied Health New Orleans, LA Owner: Delgado Community College 615 City Park Avenue New Orleans, LA 70119	Mechanical Engineer for new 120,000 square foot building with modern classrooms, state of the art labs and simulated hospital.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$38 million	\$6 million

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Belle Terre Library	Mechanical Engineering	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	\$1 million	\$200,000

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. 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: 9/6/2024 _____

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-031 Rheem Facility Renovation

Jefferson Parish Government

B. Firm Name & Address:

Drake Engineering, LLC

2520 Metairie Lawn Dr.

Metairie, LA 70471

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:

Ryan C. Orgeron

Managing Principal

Engineer

504-875-2121

ryan@drakeeng.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.

Jennifer Orgeron

Managing Principal

Engineer

504-875-2121

jenniferorgeron@gmail.com

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

1 Administrative

 Architects (Licensed)

1 Chemical Engineers

 Civil Engineers

 Construction Inspectors

 Ecologists

1 Electrical Engineers

1 Engineer Intern

 Professional Land Surveyors

 Estimators

 Geologists

 Geotechnical Engineers

 Interior Designers

 Landscape Architects

 Land Surveyor

 Mechanical Engineers

 Environmental Engineers

 Specification Writers

 Structural Engineers

2 Graduate Engineers

2 Project Managers

 Clerical

 Grant/Funding Specialist

 Sanitary Engineers

8 **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:

Ryan C. Orgeron

Project Assignment:

Managing Principal

Name of Firm with which associated:

Drake Engineering, LLC

Years' experience with this Firm:

23 years

Education: Degree(s)/Year/Specialization:

B.S./ 1996/ Electrical Engineering

Active registration: Year first registered/discipline:

2001/Electrical Engineering

Other experience and qualifications relevant to the proposed Project:

In addition to this engineering credentials, he is a licensed electrician. His extensive experience in the field brings a practical edge to his designs.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Mark Kattengell Senior Project Manager
Project Assignment:
As the lead project manager for the electrical engineering design, Mark will be responsible for designing whatever is necessary for the facility renovation.
Name of Firm with which associated:
Drake Engineering, LLC
Years' experience with this Firm:
19 years
Education: Degree(s)/Year/Specialization:
Associates of Science in Electrical Electronics Engineering Technology 2011
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:
Mark has over 19 years of electrical design experience with Drake Engineering and has been responsible for the design of electrical systems in a vast array of commercial and light industrial facilities. He is involved in all aspects of the design process from conceptual development through system commissioning, ensuring the project's overall success.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: John Washington Project Manager
Project Assignment: Project Manager/Electrical Design/BIM Coordinator
Name of Firm with which associated: Drake Engineering, LLC
Years' experience with this Firm: 13 years
Education: Degree(s)/Year/Specialization: Associates of Applied Sciences and Certificate of Technical Studies Delgado Community College 2012
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project: As a project manager, John is proficient in all aspects of electrical design for commercial buildings and coordinates projects from design schematic through construction completion. He is proficient in developing electrical load studies, lightning calculations, one-line schematics, lighting, and power layouts in AutoCAD and Revit MEP.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Annie Kroll Graduate Engineer
Project Assignment:
Project Manager /Electrical Design/BIM Coordinator
Name of Firm with which associated:
Drake Engineering, LLC
Years' experience with this Firm:
Less than a year
Education: Degree(s)/Year/Specialization:
Bachelor of Science in Electrical Engineering/2021
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:
As a project manager, Annie is proficient in all aspects of electrical design for commercial buildings and coordinates projects from design schematic through construction completion. He is proficient in developing electrical load studies, lightning calculations, one-line schematics, lighting, and power layouts in AutoCAD and Revit MEP.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Luc Huynh Graduate Engineer
Project Assignment:
Electrical Design
Name of Firm with which associated:
Drake Engineering, LLC
Years' experience with this Firm:
Less than a year
Education: Degree(s)/Year/Specialization:
Bachelor of Science in Electrical Engineering/2022
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:
As a project draftsman, Luc is proficient in all aspects of electrical design for commercial buildings and coordinates projects from design schematic through construction completion. He is proficient in developing electrical load studies, lightning calculations, one-line schematics, lighting, and power layouts in AutoCAD and Revit MEP.

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:	
4848 Veterans Memorial Blvd Metairie, LA 70001 4848 Veterans Memorial Blvd Development Covington, LA 70433 Mr. Louis Roussel III 504-837-2330	Electrical Engineering	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	\$5,100,000.00	\$850,000.00

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Ella Dolhonde School General Reno of Library and Auxiliary Bldg.	Electrical Engineering	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011	\$600,000.00	\$150,000.00

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Gretna No. 2 Academy Renovation and Classroom Wing Addition	Electrical Engineering	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2008	\$1,000,000.00	\$150,000.00

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Fire Station No. 10	Electrical Engineering	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011	\$3,500,000.00	\$300,000.00

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
WB Regional Library Equipment Upgrade	Electrical Engineering	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2008	\$200,000.00	\$50,000.00

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Fire Station No. 11	Electrical Engineering	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025		

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Fire Station No. 15	Electrical Engineering	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2006	\$2,500,000.00	\$200,000.00

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Ella Dolhonde Elementary School Cafeteria	Electrical Engineering	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2009	\$500,000.00	\$100,000.00

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
JPSO Transformer Relocation	Electrical Engineering	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025		\$270,000.00

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Metairie Country Club Golf Training Facility	Electrical Engineering	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024		\$105,000.00

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.

Jefferson Parish
State of Louisiana

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

Signature:  _____ Print Name: Mark Kattengell _____

Title: Senior Project Manager _____ Date: 9/6/24 _____

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Architectural and Engineering Services related to the
Design and Construction Administration of

Rheem Facility Renovations

SOQ 24-031 | Resolution No. 144735

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	<u> </u>	Estimators	<u> </u>	Specification Writers
<u> </u>	Architects (Licensed)	<u> </u>	Geologists	<u> </u>	Structural Engineers
<u> </u>	Chemical Engineers	<u>1</u>	Geotechnical Engineers	<u> </u>	Graduate Engineers
<u> </u>	Civil Engineers	<u> </u>	Interior Designers	<u>2</u>	Project Managers
<u> </u>	Construction Inspectors	<u> </u>	Landscape Architects	<u> </u>	Clerical (<i>see Administrative</i>)
<u> </u>	Ecologists	<u>1</u>	Land Surveyor (<i>Apprentice</i>)	<u> </u>	Grant/Funding Specialist
<u> </u>	Electrical Engineers	<u> </u>	Mechanical Engineers	<u> </u>	Sanitary Engineers
<u> </u>	Engineer Intern	<u> </u>	Environmental Engineers	<u>1</u>	<i>Researcher/Archivist</i>
<u>2</u>	Professional Land Surveyors	<u> </u>		<u>2</u>	<i>CADD Technicians</i>
				<u>6</u>	<i>Survey Crew Chief</i>
				<u>4</u>	<i>Survey Crew Instrumentman</i>
				<u>23</u>	TOTAL

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

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

TEC Professional Services Questionnaire

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

1.
N/A

2.

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

YES_____ NO_____ N/A

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

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

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

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Ralph P. Fontcuberta, Jr., PLS

Executive Vice President / Registered Professional Land Surveyor

Project Assignment:

Registered Professional Land Surveyor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

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

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

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

TEC Professional Services Questionnaire

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

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

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

- Marerro 911 Center, Marrero, Jefferson Parish, LA
- Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA
- Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA
- FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, LA
- Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA
- Rivarde Maintenance Facility, Jefferson Parish, LA
- Fire Station 18, Metairie, Jefferson Parish, LA
- Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA
- Clancy-Maggiore Elementary School for the Arts Survey, Kenner, Jefferson Parish, LA
- Fire Station No. 11, Jefferson Parish, LA
- Haynes Academy School, Metairie, Jefferson Parish, LA
- Lasalle Rest Room Building, Jefferson Parish, LA
- Fire Station No. 38, Jefferson Parish, LA
- Proposed Lafreniere Park Food Pavilion, Metairie, Jefferson Parish, LA
- East Jefferson General Hospital, Metairie, Jefferson Parish, LA
- Fire Station No. 12, Jefferson Parish, LA
- Jefferson Parish Recreation Department Office, Metairie, Jefferson Parish, LA
- Marrero Wastewater Treatment Plant Operations Building, Jefferson Parish, LA
- New West Bank Animal Shelter, Jefferson Parish, LA
- FEMA Elevation Certificates (Multiple Structures; Various Campuses), Jefferson Parish Public Schools
- New Storage Building (New Construction), East Jefferson High School, Jefferson Parish, LA
- Rosethorne Wastewater Treatment Plant, Lafitte, Jefferson Parish, LA
- J.C. Ellis Elementary School, Metairie, Jefferson Parish, LA
- New Construction (9 Lots), Jefferson Parish, LA
- YMCA of Greater New Orleans, Metairie, Jefferson Parish, LA
- Memorial Baptist Church and School, Jefferson Parish, LA
- Hotel Resubdivision, Lake Villas Subdivision, Jefferson Parish, LA

TEC Professional Services Questionnaire

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

- Chateau Estates Elementary School, Kenner, Jefferson Parish, LA
- Haynes Academy, Metairie Jefferson Parish, LA
- YMCA (East Jefferson Center), Metairie, Jefferson Parish, LA
- West Bank Bus Stop Improvements, Jefferson Parish, LA
- East Bank Bus Stop Improvements, Jefferson Parish, LA
- East Bank Bus Stop Improvements - Additional Sites, Jefferson Parish, LA
- Boundary Survey with Improvements - Commercial Property, Jefferson Parish, LA
- Little Farms Gymnasium, Jefferson Parish, LA
- Bridge City Fire Training Facility - FEMA Certificate, Bridge City, Jefferson Parish, LA
- Lake Timberlane Station P-14-8, Harvey, Jefferson Parish, LA
- Bridge City Fire Training Facility - Slab Certificate, Bridge City, Jefferson Parish, LA
- T.H. Harris Middle School Surveying Services, Metairie, Jefferson Parish, LA
- John Quincy Adams Middle School, Metairie, Jefferson Parish, LA
- Hampton Inn Suites, Harvey, Jefferson Parish, LA
- Rock of Ages Baptist Church, Marrero, Jefferson Parish, LA
- George Cox Elementary School Shed Survey, Jefferson Parish, LA
- Haynes Academy (Metairie Road), Metairie, Jefferson Parish, LA
- Rouses Super Market, Metairie, Jefferson Parish, LA
- New Storage Building Construction Surveying, Adams Junior High School, Jefferson Parish, LA
- Kate Middleton School - 3D Scanning (Building Interior & Exterior), Gretna, Jefferson Parish, LA
- Natchez Landing Apartments, Metairie, Jefferson Parish, LA
- Updated ALTA/ACSM, Courtland Park Subdivision, Jefferson Parish, LA
- Harold Keller Elementary School, CBM & Top of Slab Certificate, Metairie, Jefferson Parish, LA
- YMCA (East Jefferson Center), Metairie, Jefferson Parish, LA
- New Storage Building Construction Surveying, W.G. Schneckenburger School, Jefferson Parish, LA
- New Storage Building Construction Surveying, Hazel Park Elementary School, Jefferson Parish, LA
- New Storage Building Construction Surveying, J.C. Ellis Elementary School, Jefferson Parish, LA
- New Storage Building Construction Surveying, Lincoln Elementary School, Jefferson Parish, LA
- New Storage Building Construction Surveying, Marrero Middle School, Jefferson Parish, LA
- New Storage Building Construction Surveying, Judge Collins School, Jefferson Parish, LA
- New Storage Building Construction Surveying, Alexander School, Jefferson Parish, LA
- New Storage Building Construction Surveying, Riviere School, Jefferson Parish, LA
- Harold Keller Elementary School (Final FEMA Elevation Certificate), Metairie, Jefferson Parish, LA
- Haynes Academy School (Final FEMA Elevation Certificate), Metairie, Jefferson Parish, LA

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Chad M. Poché, P.E.

Executive Vice President / Registered Professional Geotechnical Engineer

Project Assignment:

Engineering Liaison

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

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)**

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

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

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)

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)

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)

Bonnabel High School Boundary and Topographic Survey with FEMA Elevation Certificates, Kenner, Jefferson Parish, LA. BFM was contracted to provide Boundary & Topographic Surveying services at the project site on Bruin Drive in Kenner, LA. The project included a full boundary survey and provision of a Construction Benchmark Certificate (CBM) and two Temporary Benchmarks (TBMs), and location of property corners, existing buildings, and utilities. Further, the survey project work included obtaining Finished Floor Elevations at the entrance of each building. BFM prepared a FEMA Elevation Certificate for each building as well. Deliverables included the CBM, FEMA Elevation Certificate (for each building), and AutoCAD DWG files. (\$21,820 (fee); 2022)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Gary J. Lambert, Jr., PLS

Vice President / Registered Professional Land Surveyor

Project Assignment:

Project Manager/Drafting Supervisor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

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)**

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

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)

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)

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

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)

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

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)

BFM Corporation, LLC | 2014 to present
G.E.C., Inc. | 2010 to 2014
Krebs, LaSalle, LeMieux Consultants, Inc. | 2006 to 2010

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

Marerro 911 Center, Jefferson Parish, LA. BFM provided topographic surveying services for the project, located at 5698 Belle Terre Road. The scope of services included establishing two Temporary Benchmarks, location of property corners, and plotting location of improvements and utilities & piping (drainage, sewerage, water). BFM further measured the interior of the building to define walls and obtained the slab elevations of any depressed slabs found in the building. Cross sections were taken, and a FEMA Elevation Certificate was set for the existing building on site. Project deliverables included an indelible print and a high-resolution PDF of same. A Construction Benchmark Certificate was issued. AutoCAD drawing files were provided in DWG format. (\$8,793 (fee); 2017)

TEC Professional Services Questionnaire

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

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

Kate Middleton School - 3D Scanning Services (Building Interior), Gretna, Jefferson Parish, LA. BFM's surveying services included a 3D scanning survey of the building interior for the project. (\$15,500 (fee); 2017)

New Storage Building Construction Surveying, Adams Junior High School, Jefferson Parish, LA. BFM's initial surveying services (2017) for the project included a partial boundary survey, top of form, and setting of the construction benchmark (CBM). A FEMA elevation certificate was also provided. Additional surveying services (2018) expanded on the initial scope and updated information as pertinent to the construction of the building. (\$3,316 (fee); 2018)


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)

FEMA Elevation Certificates for Multiple Structures at Various Campus Locations, Jefferson Parish Public Schools, Jefferson Parish, LA. BFM provided surveying services to prepare FEMA Elevation Certificates for 14 structures at three campus locations: Bridgedale Elementary (808 Zinnia Avenue in Metairie), Ellender Middle (4501 East Ames Boulevard in Marrero), and John Martyn School (1108 Shrewsbury Road in Jefferson). (\$5,000 (fee); 2018)

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

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
John Philip Thayer 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>FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, LA. BFM Corporation provided surveying services for a final FEMA Elevation Certificates for ten buildings located on the Fisher Middle-High School Campus in Marrero; part of a larger project involving Hurricane Ida Mitigation & Repairs. The project's field services extended from January 8, 2024 to January 22, 2024; deliverables included FEMA Elevation Certificates for each structure as requested. Fees for this project were \$3,000. (\$3,000 (fee); 2024)</p> <p>Lasalle Rest Room Building, Jefferson Parish, LA. BFM prepared a boundary survey (with topographic services) for the project, elements of which included TBM (Temporary Benchmarks), location of visible/below ground surface (BGS) utilities, research of record drawings, pipe location & determination of sizes/types, trees and other natural elements, etc. BFM further provided a construction benchmark (CBM) and all drawings (AutoCAD) as outlined. Later services included location of sewer manholes and lift station. (\$9,420 (fee); 2017)</p>	

TEC Professional Services Questionnaire

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

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)

New Storage Building (New Construction), East Jefferson High School, Jefferson Parish, LA. BFM's surveying services for the project included boundary surveying for a storage building (new construction) and a construction benchmark (CBM). Later services will include Top of Form and FEMA Elevation Certificates). (\$2,518 (fee); 2017)

New Construction (9 Lots), Jefferson Parish, LA. BFM's surveying services included boundary survey and construction benchmark (CBM) of nine total lots, including top of slab/pier and FEMA Elevation Certificates. (Tract A, Lafreniere Plantation, Southeastern District, Section 42 & 43, T12S-R10E, Jefferson Parish, 700 Elise Avenue, Metairie, LA). Additional survey work executed in 2020 included Lot S-12-A6 (Elmwood Lafreniere Plantation). (\$6,200 (fee); 2020)

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

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)

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


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

Lafitte Arts Center, Jefferson Parish, LA. BFM provided boundary and topographic surveying services for the Lafitte Arts Center (Jean Lafitte Boulevard; 20-1050). (\$7,644 (fee); 2011)

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

Maggiore School Foundation Study, Jefferson Parish, LA. BFM provided topographic surveying services for a foundation study of the Maggiore School. (\$4,436 (fee); 2009)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Dawn Hoffman Researcher/Archivist	
Project Assignment:	
Researcher/Archivist	
Name of Firm with which associated:	
 BFM CORPORATION, LLC Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
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>FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, LA. BFM provided surveying services for a final FEMA Elevation Certificates for ten buildings located on the Fisher Middle-High School Campus in Marrero; part of a larger project involving Hurricane Ida Mitigation & Repairs. The project's field services extended from January 8, 2024 to January 22, 2024; deliverables included FEMA Elevation Certificates for each structure as requested. Fees for this project were \$3,000. (\$3,000 (fee); 2024)</p> <p>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)</p> <p>Marrero 911 Center, Jefferson Parish, LA. BFM provided topographic surveying services for the project, located at 5698 Belle Terre Road. Scope included establishing two Temporary Benchmarks, location of property corners, and plotting location of improvements and utilities & piping (drainage, sewerage, water). BFM further measured the interior of the building to define</p>	

TEC Professional Services Questionnaire

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

walls and obtained the slab elevations of any depressed slabs found in the building. Cross sections were taken, and a FEMA Elevation Certificate was set for the existing building on site. Project deliverables included print and PDF; a Construction Benchmark Certificate was also issued. AutoCAD drawing files were provided in DWG format. (\$8,793 (fee); 2017)

FEMA Elevation Certificates for Multiple Structures at Various Campus Locations, Jefferson Parish Public Schools, Jefferson Parish, LA. BFM provided surveying services to prepare FEMA Elevation Certificates for 14 structures at three campus locations: Bridgedale Elementary (808 Zinnia Avenue in Metairie), Ellender Middle (4501 East Ames Boulevard in Marrero), and John Martyn School (1108 Shrewsbury Road in Jefferson). (\$5,000 (fee); 2018)

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

Little Farms Gymnasium, Jefferson Parish, LA. BFM's scope involved a multiple-site topographic survey at the project site (10301 S. Park Street, River Ridge), including a temporary benchmark & construction benchmark; location of improvements, visible utilities & nearest fire hydrant; FF elevations at entrance of buildings, and; cross sections (25 ft grid). (\$6,055 (fee); 2018)

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

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)

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:

Anthony Watson
CADD Technician (AutoCADD Drafting Services)

Project Assignment:

CADD Technician (AutoCADD Drafting Services)

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

13 years (joined BFM in 2011);
33 years total (1991)

BFM Corporation, LLC | 2011 to present
Krebs LaSalle Lemieux / GEC | 2008 to 2011
Doug Connally and Associates Land Surveying (Dallas, TX) | 1995-2008
Electrician | 1991 to 1995
City of Plano TX (Part-Time Drafting Services) | 1991

Education: Degree(s)/Year/Specialization:

Coursework - CAD, Avatech Solutions, Los Colinas, TX

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

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

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

Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA. BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site. The scope of services included location and provision of top of casting elevations

TEC Professional Services Questionnaire

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

for the 11 drainage structures as noted on the owner's project sheets. Spot elevations were taken at 25-foot intervals within the limits of survey. (\$4,450 (fee); 2020)

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)

Fire Station 11, Jefferson Parish, LA. BFM provided topographic surveying services for the project in Jefferson Parish. The scope of services included establishing a Construction Benchmark (CBM), location of existing improvements within the designated Limits of Survey, and taking spot elevations. The survey further located above & underground utilities and drainage, sewerage, and water structure piping. Project deliverables, a high-resolution PDF, and a Construction Benchmark Certificate was provided. (\$5,920 (fee); 2022)

Kate Middleton School - 3D Scanning Services (Building Interior), Gretna, Jefferson Parish, LA. BFM's surveying services included a 3D scanning survey of the building interior for the project. (\$15,500 (fee); 2017)

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

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)

New Facility (15 Acres), Jefferson Parish, LA. BFM performed boundary surveying services for a new facility on a 15-acre site for the Jefferson Parish Department of Capital Projects. (Lot 31, Barabaz Estates) (\$22,970 (fee); 2016)

Peter C Bertucci Elementary School (Ames Farms/Lower Estelle Plantation), Jefferson Parish, LA. BFM provided topographic and boundary surveying services for lots H-322-D and H-322-E, Sec. 7 & 10, T13S-R23E (Southeastern District of Louisiana). (JPPSS Proj 2009-09B) (\$27,386 (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:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

6 years (joined BFM in 2018);
39 years total (1985)

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

Education: Degree(s)/Year/Specialization:

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

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

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

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

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

TEC Professional Services Questionnaire

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

Fire Station No. 38, Jefferson Parish, LA. BFM provided boundary & topographic surveying; scope included establishing a baseline throughout the project site, establishing two TBMs, and locating existing improvements within the designated Limits of Survey. Property corners on subject property and adjacent properties were located. 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)

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

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

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)

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

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)

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:

Curtis "Jay" Barrios
Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

34 years (joined BFM in 1990);
39 years total (1985)

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

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)

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.

TEC Professional Services Questionnaire

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

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)

Marerro 911 Center, Jefferson Parish, LA. BFM provided topographic surveying services for the project, located at 5698 Belle Terre Road. The scope of services included establishing two Temporary Benchmarks, location of property corners, and plotting location of improvements and utilities & piping (drainage, sewerage, water). BFM further measured the interior of the building to define walls and obtained the slab elevations of any depressed slabs found in the building. Cross sections were taken, and a FEMA Elevation Certificate was set for the existing building on site. Project deliverables included an indelible print and a high-resolution PDF of same. A Construction Benchmark Certificate was issued. AutoCAD drawing files were provided in DWG format. (\$8,793 (fee); 2017)

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)

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

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

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)

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)**

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)

Waterline Improvements on North I-10 Service Road, South I-10 Service Road, Walbash Street, and Hearst Street, JPPW Project No. 2023-010B-WRB, Jefferson Parish, LA. BFM Corporation was selected to provide a Route Topographic Survey for the project, which involves a total of approximately 8,100 linear feet. The scope of work involves establishment of a baseline along each route, establishing TBMs, spot elevations, location of improvements, utilities, pipes, and natural elements. BFM has provided surveying on multiple Waterline Projects as part of a larger overall Waterline Improvements Program for Jefferson Parish. (\$88,400 (fee); 2023)

Coventry Drainage Pump Station Cross Section Survey Update, River Ridge, Jefferson Parish, LA. BFM Corporation provided a single cross section for the project which then updated a previous BFM Survey Project (No. 101214) in order to include the information obtained under this scope of work. (\$6,775 (fee); 2023)

Route Topographic Survey for Jefferson Parish Waterline Project 2023-030-WRB, Jefferson Parish, LA. BFM Corporation was selected to provide a Route Topographic Survey for the project, which involves a total of approximately 4,600 linear feet. The scope of work involves establishment of a baseline along each route, establishing TBMs, spot elevations, location of improvements, utilities, pipes, and natural elements. BFM has provided surveying on multiple Waterline Projects as part of a larger overall Waterline Improvements Program for Jefferson Parish. (\$59,300 (fee); 2023)

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

Waterline Improvements, Metairie Terrace Neighborhood South, JPPW Project No. 2023-040-WRB, Jefferson Parish, LA. BFM Corporation was selected to provide a Route Topographic Survey for the Jefferson Parish Waterline Project 2023-016A-WRB, which involves a total of approximately 9,100 linear feet. The scope of work involves establishment of a baseline along each route, establishing TBMs, spot elevations, location of improvements, utilities, pipes, and natural elements. BFM has provided surveying on multiple Waterline Projects as part of a larger overall Waterline Improvements Program for Jefferson Parish. (\$88,400 (fee); 2023)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Zachary D. Pittman
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:

1 year (joined BFM in 2023);
27 years total (1997)

BFM Corporation, LLC | 2023 to present
Atwell Oil and Gas | 2020 to 2023
Universal Pegasus-Hill | 2017 to 2020
Altura Land Consultants (CO) | 2017 to 2017
NOLA Construction | 2016 to 2017
Gandolfo Kuhn | 2014 to 2016
Cavada Surveyors (CO) | 2013 to 2014
McClone Construction (CO) | 2013 to 2013
GEC Engineering (fm Krebs Lasalle Lemeiux Eng) | 2010 to 2013
Jerry Rugg PLS | 2007 to 2010
Mike Duty PLS | 2006 to 2007
Sage Alliance Co Engineers (AZ) | 2006 to 2006
Tommy Semmes Jr. Surveying | 2005 to 2005
Mike Duty PLS | 2004 to 2005
Cross Country Surveyors | 2002 to 2003
Falcon Surveying (CO) | 2002 to 2002
Charlie Peterson PLS (FL) | 2002 to 2002
Maroney Engineering | 2001 to 2002
Eastside Glass and Sealants (WA) | 2000 to 2000
Jerry Rugg PLS | 1999 to 2000
Mike Duty PLS | 1997 to 1999

Education: Degree(s)/Year/Specialization:

High School Diploma
Bachelor of Arts Coursework (2 years), University of Louisiana at Monroe

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Zachary Pittman has worked in the industry since 1997 and has vast experience in surveying services, including a multitude of project types and thousands of projects throughout the region, having served as both Survey Crew Chief and Instrumentman/Rodman. As a field layout engineer, he was in charge of layout and quality control for a large concrete construction company and

TEC Professional Services Questionnaire

Other experience and qualifications: **Zachary D. Pittman (continued)**

further served as a part-time foreman for oversight of foundation, wall, and caisson crews. Mr. Pittman's project experience includes topographic and hydrographic surveying tasks, including ALTA, boundary, elevation certificates, land planning, lot stakeouts, construction layout, and civil engineering projects. Projects have included cell towers, large and small pipeline construction programs, a large light rail project, sports complex buildings, bridge layouts, gas compressor station as-built and natural gas projects, meter stations and main line replacements, and industrial/gas plants and mines.

Mr. Pittman has Multiple Operator Qualifications for all aspects of pipeline locating and surveying, and is experienced with all instrumentation and various other aspects of surveying involved. This includes Static and RTK GPS; Leica, TDS, Trimble, and Topcon operating systems; Robotic Total Station, and Leica, Trimble, and FARO scanning systems. He also is knowledgeable with JSA, job task, and quality control documents as well as Bluebeam Construction Software, Trimble Business Center, Captivate, and CAD.

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

Lift Stations F6-11 & G6-4, Jefferson Parish, LA. BFM provided Topographic & Right-of-Way Surveying; scope included establishing a baseline, taking spot elevations (25 ft intervals), location of existing improvements and natural elements as well as utilities (above- and below-ground) and piping (drainage, sewerage, and water structures). BFM also located property corners to establish the rights-of-way and property ownership for the two sites. Project deliverables included prints, high-resolution PDF, Three-Point Tie Worksheet, and AutoCAD drawing files. A Construction Benchmark Certificate was provided for each site. (\$17,860 (fee); 2024)

Bonnabel Canal Right-Of-Way Survey, Jefferson Parish, LA. BFM was selected to provide Right-of-Way Surveying services for the project area along a portion of the Bonnabel Canal; the survey established the easterly & westerly right-of-way for Bonnabel Canal in relation to the properties along the east of the canal (Bonnabel Place Subdivision) and the westerly side of the canal (Beverly Garden Extension). Scope included providing an abstract to trace the chain of title (including any known or recorded servitudes), and locating property corners and the top of bank along the east and west of Bonnabel Canal to show it in relation to the rights-of-way/servitude. Project deliverables included a Signed & Sealed Survey Plat and high-resolution PDF. (\$47,680 (fee); 2024)

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:
Marerro 911 Center , Marrero, Jefferson Parish, Louisiana Meyer Engineers, Ltd. 4937 Hearst Street, Suite 1B Metairie LA 70001 Elena G. Anderson , 504-885-9892 eanderson@meyer-e-l.com	BFM provided topographic surveying services for the project, located at 5698 Belle Terre Road. Scope included establishing two Temporary Benchmarks, location of property corners, and plotting location of improvements and utilities & piping (drainage, sewerage, water). BFM further measured the interior of the building to define walls and obtained the slab elevations of any depressed slabs found in the building. Cross sections were taken, and a FEMA Elevation Certificate was set for the existing building on site. Project deliverables included an indelible print and a high-resolution PDF of same. A Construction Benchmark Certificate was issued. AutoCAD drawing files were provided in DWG format.
Completion Date (Actual or estimated:)	Estimated Cost:
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">Entire Project:</div> <div style="text-align: center;">Work for which Firm was Responsible:</div> </div>
June 2017	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">N/A</div> <div style="text-align: center;">\$8,793 (fee)</div> </div>

PROJECT NO. 2

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:
Rudolph Matas Elementary School HVAC Renovation Project , Metairie, Jefferson Parish, Louisiana Jefferson Parish Public Schools Facilities Department 4600 River Road Marrero LA 70072 Douglas L. Stream ; 504-799-5577 douglas.stream@jpschools.org	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.
Completion Date (Actual or estimated:)	Estimated Cost:
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">Entire Project:</div> <div style="text-align: center;">Work for which Firm was Responsible:</div> </div>
August 2020	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">N/A</div> <div style="text-align: center;">\$9,290 (fee)</div> </div>

TEC Professional Services Questionnaire

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

PROJECT NO. 4		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, Louisiana VergesRome Architects 320 N Carrollton Avenue, Suite 100 New Orleans LA 70119 Chip Verges, 504-858-2514 chip@vergesrome.com	BFM Corporation was selected by the Jefferson Parish Public School System (JPPSS) to provide surveying services (over several contracts) to prepare FEMA Elevation Certificates for multiple school campus locations throughout the Parish. For this contract, BFM Corporation provided surveying services for a final FEMA Elevation Certificates for ten buildings located on the Fisher Middle-High School Campus in Marrero; part of a larger project involving Hurricane Ida Mitigation & Repairs. The project's field services extended from January 8, 2024 to January 22, 2024; deliverables included FEMA Elevation Certificates for each structure as requested.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2024	N/A	\$3,000 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bonnabel High School Boundary and Topographic Survey with FEMA Elevation Certificates, Kenner, Jefferson Parish, Louisiana</p> <p>Jefferson Parish Schools 4600 River Road, 1st Floor Marrero LA 70072</p> <p>David P. Gilmore, 504-349-8595 david.gilmore@jpschools.org</p>	<p>BFM was contracted to provide Boundary & Topographic Surveying services at the project site on Bruin Drive in Kenner, LA. The project included a full boundary survey and provision of a Construction Benchmark Certificate (CBM) and two Temporary Benchmarks (TBMs), and location of property corners, existing buildings, and utilities. Further, the survey project work included obtaining Finished Floor Elevations at the entrance of each building. BFM prepared a FEMA Elevation Certificate for each building as well. Deliverables included the CBM, FEMA Elevation Certificate (for each building), and AutoCAD DWG files.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
June 2022	N/A	\$21,820 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, Louisiana</p> <p>Meyer Engineers Ltd. 4937 Hearst Avenue, Suite B Metairie LA 70001</p> <p>Raymond J. Brown, 504-885-9892 rbrown@meyer-e-l.com</p>	<p>BFM Corporation provided topographic surveying services to help establish the proposed project site for the Parc Des Familles Visitor Center, located at municipal #6101 Leo Kerner Lafitte Parkway in Marrero, LA. BFM provided Temporary Benchmark and Construction Benchmark for the site, as well as a topographic survey locating all utilities and man-made elements as well as natural objects (tress and ponds). Cross sections and Finished Floor Elevations (for the FEMA certificate) were also included.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2018	N/A	\$16,590 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Rivarde Maintenance Facility, Jefferson Parish, Louisiana Burgdahl & Graves Architects 2550 Belle Chasse Hwy Ste130 Gretna LA 70053 Russell I. Burgdahl, 504-366-4433 rburgdahl@burgdahlgraves.com	BFM provided boundary and topographic surveying services for the Rivard Maintenance Facility project, located at 1651 Manhattan Boulevard in Harvey. Scope included establishing a baseline parallel to Manhattan Boulevard; setting temporary benchmarks (TBMs) & construction benchmarks (CBMs) on or near the site; establishing cross sections on a 25 ft grid; FF elevations of all buildings. Product to be drawn so that a single R/W (right-of-way) is parallel to at least 1 edge of the sheet.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2018	N/A	\$6,890 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Fire Station 18, Metairie, Jefferson Parish, Louisiana N-Y Associates, Inc. 2750 Lake Villa Drive Metairie LA 70002 Michael G. Buisson, Jr., 504-261-4755 mbuisson@n-yassociates.com	BFM provided topographic surveying services for the project; the survey built upon a previous BFM survey executed at the same location. Scope included locating existing utilities on the property and along the adjacent side of Melvil Dewey Drive. The survey determined the depth, size, and type of pipes within surface observable drainage, sewerage, and water structures as established above. Spot elevations were taken at 50 ft. intervals within the Limits of Survey which consist of the property, extending to the adjacent side of Melvil Dewey Drive. Project deliverables included a Plan Only Survey Plat and a high-resolution PDF of same.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2023	N/A	\$5,940 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
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. 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.	<div>BFM Corporation is not currently, nor has it previously been involved, in litigation with Jefferson Parish.</div>	
2.		
3.		
4.		

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

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

CRITERIA 1 | PROFESSIONAL TRAINING AND EXPERIENCE

Established in 1982, **BFM Corporation, LLC, Professional Land & Hydrographic Surveying**, provides services to public & private concerns throughout Louisiana and the Gulf South. For over 40 years, BFM has provided surveying services covering all facets of engineering, construction, and forensics; topographic, and hydrographic, as well as drone-based surveying and high-definition laser scanning.

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

Our capabilities include the following and more:

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

TEC Professional Services Questionnaire

N. continued.

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

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

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

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

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

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

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

CRITERIA 2 | SIZE OF FIRM

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

TEC Professional Services Questionnaire

N. continued.

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

CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION

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

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

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

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

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

CRITERIA 4 | PAST PERFORMANCE ON 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.

CRITERIA 5 | LOCATION OF THE PRINCIPAL OFFICE

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

CRITERIA 6 | LEGAL STATEMENT

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

CRITERIA 7 | PRIOR SUCCESSFUL COMPLETION OF PROJECTS

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

Mark R. Drewes, P.E., Director, 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: September 4, 2024

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Architectural and Engineering Services related to the
Design and Construction Administration of

Rheem Facility Renovations

SOQ 24-031 | Resolution No. 144735

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:

<div>7</div> <div>Administrative</div> <div>Architects (Licensed)</div> <div>Chemical Engineers</div> <div>Civil Engineers</div> <div>10</div> <div>Construction Inspectors</div> <div>Ecologists</div> <div>Electrical Engineers</div> <div>Engineer Intern</div> <div>1</div> <div>Professional Land Surveyors</div>	<div>Estimators</div> <div>Geologists</div> <div>2</div> <div>Geotechnical Engineers</div> <div>Interior Designers</div> <div>Landscape Architects</div> <div>Land Surveyor (<i>Apprentice</i>)</div> <div>Mechanical Engineers</div> <div>Environmental Engineers</div>	<div>Specification Writers</div> <div>Structural Engineers</div> <div>Graduate Engineers</div> <div>1</div> <div>Project Managers</div> <div>Clerical (<i>see Administrative</i>)</div> <div>Grant/Funding Specialist</div> <div>Sanitary Engineers</div> <div>1</div> <div>CMT Supervisor</div> <div>1</div> <div>Construction Svcs Manager</div> <div>4</div> <div>Laboratory Personnel</div> <div>3</div> <div>Soil Boring Personnel</div> <div>30</div> <div>TOTAL</div>
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F. Is this submittal by a JOINT-VENTURE? Please check: YES _____ NO X

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

TEC Professional Services Questionnaire

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

1.
N/A

2.

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

YES_____ NO_____ N/A

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

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

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

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Chad M. Poché, P.E.

Executive Vice President / Registered Professional Geotechnical Engineer

Project Assignment:

Geotechnical Engineer / Principal In Charge

Name of Firm with which associated:



ENGINEERING AND TESTING, INC.
Geotechnical & Materials Consultants

Years' experience with this Firm:

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.

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)


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

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)

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

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Bryson S. Beard, P.E., 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, P.E., 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>Fisher Temporary Campus (FEMA Project), Lafitte, Jefferson Parish, LA. Geotechnical engineering services for the installation of modular buildings at Fisher High School in Lafitte, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses, foundation recommendations (bearing values, settlement, etc.), and general construction procedures and recommendations. (\$4,500 (fee); 2022)</p>	

TEC Professional Services Questionnaire

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

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)

Bucktown Birdsnest Learning Pavilion, Metairie, Jefferson Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, pile inspection and modeling, static pile load testing, and vibration monitoring. (\$2,000 (fee); 2024)


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

New Elevated Storage, Eden Isles Subdivision, Slidell, St. Tammany Parish, LA. Geotechnical engineering services for the construction of a new elevated storage building for wet well and GAC filter units off Marina Drive in Slidell, LA. Gulf South's scope includes drilling two undisturbed soil borings to depths of 20 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$3,500 (fee); 2022)

St. Amant Primary School (New Building), Gonzales, Ascension Parish, LA. Geotechnical engineering services related to the construction of a new building (approx. 5,000 sf) at the existing St. Amant Primary campus in Gonzales, LA. Gulf South's scope of services included drilling two undisturbed soil borings, each to a depth of 20 feet below the ground surface. Geotechnical laboratory testing included Strength tests (unconfined and/ or triaxial) and classification tests (Atterberg Limits and/ or particle size), as well as other tests as appropriate. Engineering recommendations and analyses included allowable soil bearing values, allowable shaft load capacities, estimates of settlement, and general construction procedures and recommendations. (\$4,500 (fee); 2023)

Public Safety Building at Southern University, East Baton Rouge Parish, LA. Gulf South's scope included drilling four soil borings to depths of 24 feet below ground surface and laboratory testing with laboratory testing. The analysis and Geotechnical Exploration Report included providing allowable soil bearing values, estimates of settlement, pile load capacities, and general construction procedures and recommendations. (\$9,625 (fee); 2023)

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:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
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>Harvey Volunteer Fire Department New Truck Maintenance Facility (Rochelle Avenue), Harvey, Jefferson Parish, LA. Gulf South provided geotechnical engineering services for the construction of a new truck maintenance facility for the Harvey Volunteer Fire Department on Rochelle Avenue in Harvey, LA. The scope of services includes drilling six undisturbed soil borings (depths of 60 feet and 6 feet below ground surface), laboratory testing, engineering analyses (foundation, paving, fill, and surcharge recommendations) and general construction procedures and recommendations. (\$9,500 (fee); 2021)</p>	

TEC Professional Services Questionnaire

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

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

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

Athlos Academy Portable Project, Terrytown, Jefferson Parish, LA. Provided field testing services for the project. Gulf South's scope of work includes soil density tests, concrete inspection and testing, vibration monitoring, and earthwork testing. (\$15,798 (fee); 2020)

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


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

Johnny Bright Playground Gymnasium HVAC Installation, Metairie, Jefferson Parish, LA. Geotechnical investigation for a new HVAC unit and handicap ramp at Johnny Bright playground in Metairie, LA. Scope of services consisted of drilling a soil boring to 50 feet in depth, laboratory testing, and providing allowable soil bearing values and estimates of settlement. (\$4,500 (fee); 2013)

Kennedy Heights Playground - Gymnasium HVAC Renovation, Jefferson Parish Recreation Department, Avondale, Jefferson Parish, LA. Geotechnical investigation for a new HVAC platform at Kennedy Heights Playground in Avondale, LA. The investigation includes drilling 1 boring to 60 ft. below the ground surface; laboratory testing; and engineering analyses consisting of soil bearing values, pile load capacities, and settlement. (\$3,900 (fee); 2012)

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

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:	
<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;"> 7 years (joined Gulf South in 2017); 7 years total (2017) <i>Gulf South Engineering and Testing, Inc. 2017 to present</i> </div>	
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:	
<p>Ian Poché has worked in Gulf South's laboratory for several years and has experience with virtually every type of soil test. He has also helped when needed in the CMT department and has concrete testing experience, and is an ACI-certified Concrete Field Testing Technician.</p> <p>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)</p> <p>Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Department, Bridge City, Jefferson Parish, LA. Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$6,000 (fee); 2020)</p>	

TEC Professional Services Questionnaire

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

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

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)

Public Safety Building at Southern University, East Baton Rouge Parish, LA. Gulf South's scope included drilling four soil borings to depths of 24 feet below ground surface and laboratory testing with laboratory testing. The analysis and Geotechnical Exploration Report included providing allowable soil bearing values, estimates of settlement, pile load capacities, and general construction procedures and recommendations. (\$9,625 (fee); 2023)

Storage Shed 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)

St. Amant Primary School (New Building), Gonzales, Ascension Parish, LA. Geotechnical engineering services related to the construction of a new building (approx. 5,000 sf) at the existing St. Amant Primary campus in Gonzales, LA. Gulf South's scope of services included drilling two undisturbed soil borings, each to a depth of 20 feet below the ground surface. Geotechnical laboratory testing included Strength tests (unconfined and/ or triaxial) and classification tests (Atterberg Limits and/ or particle size), as well as other tests as appropriate. Engineering recommendations and analyses included allowable soil bearing values, allowable shaft load capacities, estimates of settlement, and general construction procedures and recommendations. (\$4,500 (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:	
5 years (joined Gulf South in 2019); Gulf South Engineering and Testing, Inc. 2019 to present 7 years total (2017)	
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>East Bank Transit Operations Facility, Metairie, Jefferson Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing. (\$16,000 (fee); 2024)</p> <p>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,</p>	

TEC Professional Services Questionnaire

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

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)

Bucktown Birdsnest Learning Pavilion, Metairie, Jefferson Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, pile inspection and modeling, static pile load testing, and vibration monitoring. (\$2,000 (fee); 2024)

St. John Multiplex Complex (3448 LA 18), Edgard, St. John the Baptist Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Scope of work includes pile inspection and modeling, concrete testing, soil density tests, earthwork inspection and testing, static pile load testing, and steel inspection. (\$50,000 (fee); 2024)

Donaldsonville High School Commons Expansion, Donaldsonville, Ascension Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes soil density tests, concrete testing, steel inspection, and backfill compaction testing. (\$25,000 (fee); 2024)

Fire Station No. 10, St. Bernard Parish, LA. Gulf South prepared a Geotechnical Engineering Report for construction of a new 8,000 sf (approx) 3-story, 4-bay fire station facility in St. Bernard Parish. The geotechnical engineering 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 general construction procedures and recommendations for the site. (\$7,500 (fee); 2024)

Storage Shed 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)

Grand Gulf Nuclear Station, Port Gibson, Claiborne County, MS. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, earthwork inspection and testing. Safety requirements and badging to enter facility were extensive. (\$50,000 (fee); 2023)

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)

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:	
<p>Geotechnical Exploration Report for New Fire Station 18, Metairie, Jefferson Parish, Louisiana</p> <p>N-Y Associates, Inc. 2750 Lake Villa Drive Metairie LA 70002</p> <p>Michael G. Buisson, Jr., AIA, NCARB, LEED AP 504-885-0500 mbuisson@n-yassociates.com</p>	<p>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. 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 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.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
June 2023	Entire Project: N/A	Work for which Firm was Responsible: \$8,500 (fee)

PROJECT NO. 2		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>East Bank Transit Operations Facility, Metairie, Jefferson Parish, Louisiana</p> <p>Jefferson Parish Transit Department 21 Westbank Expressway Gretna LA 70053</p> <p>Vickie Lang, 504-364-3450 Vickie.Lang@jeffparish.net</p>	<p>Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing; soil density tests; earthwork inspection and testing; pile inspection and modeling; vibration monitoring; asphalt inspection; backfill compaction testing, and; static pile load testing.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
April 2024	Entire Project: N/A	Work for which Firm was Responsible: \$16,000 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>New Building and Parking Lot, East Bank Juvenile Services, Jefferson Parish, Louisiana</p> <p>Sizeler Thompson Brown Architects 300 Lafayette Street, Suite 200 New Orleans LA 70130</p> <p>Thomas M. Brown, AIA, 504-523-6472 tbrown@sizeler.com</p>	<p>The project consists of construction of a new two-story building and parking lot at the project site located at the corner of Airline Drive and David Drive. Gulf South's scope of work included drilling a total of six undisturbed soil borings (four at 8 ft and two at 80 ft) and performing laboratory testing and geotechnical engineering analyses. This included allowable pile load capacities, estimates of settlement, flexible and rigid paving design recommendations, seismic class determination, and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2022	N/A	\$14,500 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Training Facility - New Airnasium and Paved Areas, Jefferson Parish Fire Department, Bridge City, Jefferson Parish, Louisiana</p> <p>Meyer Engineering Ltd. 4937 Hearst Street Suite B Metairie LA 70001</p> <p>Donovan Duffy, P.E., 504-885-9892 dduffy@meyer-e-l.com</p>	<p>Geotechnical engineering services for the construction of a new fire station training facility consisting of an airnasium (open-air pavilion) structure and heavy duty pavement in Bridge City, LA. Gulf South's scope includes drilling three undisturbed soil borings (b.g.s.; one at 50 ft., two at 6 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2020	N/A	\$6,000 (fee)

TEC Professional Services Questionnaire

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

PROJECT NO. 6		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Jefferson Parish Fire Fleet Maintenance Facility - New Paved Areas, Jefferson Parish, Louisiana Linfield Hunter & Junius 18th Street, Suite 200 Metairie LA 70002 Benjamin Noble Chadwick, AIA, 504-833-5300 bchadwick@lhjunius.com	Geotechnical engineering services for the construction of new paved areas for fire trucks at the Jefferson Parish Fleet Maintenance facility at 4901 Jefferson Highway in Jefferson, LA. Gulf South's scope includes drilling four undisturbed soil borings (b.g.s.; four at 8 ft.), laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2019	N/A	\$2,800 (fee)

TEC Professional Services Questionnaire

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

PROJECT NO. 8		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Clancy-Maggiore Elementary School – New Art and Band Wing, Kenner, Jefferson Parish, Louisiana</p> <p>Meyer Engineers, Ltd. 4937 Hearst Street, Suite 1B Metairie LA 70001</p> <p>Mark A. Schutt, P.E., 504-885-9892 mschutt@meyer-e-l.com</p>	<p>Geotechnical investigation for a new art and band building (10,000 sf) for Clancy-Maggiore Elementary School in Kenner, LA. Gulf South's scope includes drilling two soil borings to depths of 60 feet and 40 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimate of settlement, and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
February 2017	N/A	\$6,000 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
New Library Building (US90 & Avondale Garden Road), Avondale, Jefferson Parish, Louisiana N-Y Associates, Inc. 2750 Lake Villa Drive Metairie LA 70002 Michael G. Buisson, Jr., AIA, NCARB, LEED AP 504-885-0500 mbuisson@n-yassociates.com	Geotechnical engineering services for the construction of a new public building at the northwest corner land parcels (Square 6, Lots No, 1 through 5) at the intersection of US Highway 90 and Avondale Garden Road in Avondale, LA. Gulf South's scope includes drilling three undisturbed soil borings (depths of 60 and 6 feet below the ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2020	N/A	\$4,100 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Fisher Temporary Campus (FEMA Project), Lafitte, Jefferson Parish, Louisiana Jefferson Parish Public Schools 4600 River Road Marrero LA 70072 Douglas Steam, 504-349-7600 douglas.stream@jpschools.org	Geotechnical engineering services for the installation of modular buildings at Fisher High School (2590 Barataria Blvd.) in Lafitte, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses, foundation recommendations (bearing values, settlement, etc.), and general construction procedures and recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2022	N/A	\$4,500 (fee)

TEC Professional Services Questionnaire

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

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

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



CRITERIA 1 | PROFESSIONAL TRAINING AND EXPERIENCE

Gulf South Engineering and Testing, Inc. (Gulf South) is a geotechnical engineering and construction materials testing and inspection company which began operations in 2011. Since that time, we have grown to two offices and 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 surveying experience with Jefferson Parish.

TEC Professional Services Questionnaire

N. continued.

Geotechnical Engineering Services

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

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

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

Laboratory Testing Services

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

Field Investigation Services

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

TEC Professional Services Questionnaire

N. continued.

Construction Materials Testing & Inspection

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

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

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

CRITERIA 2 | SIZE OF FIRM

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

CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION

Gulf South has the manpower and equipment to expeditiously complete any task order assigned under this contract. The tasks which would be assigned under this contract are the types of projects we perform and complete each day. Gulf South is thoroughly familiar with the specialized and unique 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., ACI, with support and oversight as needed from Brandon A. Paille, ACI; James Tiner, ACI; Joseph H. "Trey" Binder, III, ACI; 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.

CRITERIA 4 | 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.

CRITERIA 5 | LOCATION OF THE PRINCIPAL OFFICE

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

TEC Professional Services Questionnaire

N. continued.

CRITERIA 6 | LEGAL STATEMENT

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

CRITERIA 7 | PRIOR SUCCESSFUL COMPLETION OF PROJECTS

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

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

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

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: September 4, 2024