

Technical Evaluation Committee (TEC) Questionnaire

Instructions

- The Technical Evaluation Committee (TEC) Questionnaire shall be used for professional services related to architecture, engineering, or survey projects.
- **The TEC Questionnaire should be completely filled out. Complete and attach ALL sections. Insert “N/A” or “None” if a section does not apply or if there is no information to provide.**
- Questionnaire must be signed by an authorized representative of the Firm. Failure to sign the questionnaire shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- All subcontractors must be listed in the appropriate section of the Questionnaire. Each subcontractor must provide a complete copy of the TEC Questionnaire, applicable licenses, and any other information required by the advertisement. Failure to provide the subcontractors' complete questionnaire(s), applicable licenses, and any other information required by the advertisement shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- If additional pages are needed, attach them to the questionnaire and include all applicable information that is required by the questionnaire.

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.	<div style="border: 1px solid blue; padding: 5px; color: blue;"> 4. See subheading N. for one additional subcontractor: Surveying / digital scanning </div>	

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:	
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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:

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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.

Additional subcontractor 4:

Name & Address:

BFM Corporation, LLC
15 Veterans Memorial Blvd
Kenner, LA, 70062

Specialty:

Surveying / Digital Scanning

Worked with Firm Before: No

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

Signature: _____ **Print Name:** _____

Title: _____ **Date:** _____

BACKGROUND

Established in 2014, Adamick Architecture, LLC is a design firm of five employees that serves the Gulf Coast Region. Alexander Adamick previously owned a drafting company called Atelier Camelback and still owns this business as a property holding company.

Adamick Architecture is client-focused and committed to improving the built environment of the Gulf Coast. We value the trust that our clients place in us, and we realize how important each individual project is to our clients. We are eager to connect with clients to create bold designs and translate their vision into reality. We pride ourselves on our ability to be attentive to individual projects, responsive to our clients, timely in our scheduling, and our forward thinking. We strive to meet or exceed our client's expectations, and our commitment to quality informs all aspects of our sophisticated design and planning services.

Adamick Architecture is a Louisiana-registered LLC, owned by Alexander Adamick.

PROJECT RELATED EXPERIENCE

Architect's Response:

Adamick Architecture is an award-winning firm, notable for both commercial and residential projects. The firm received the 2022 New Orleans AIA Award of Merit. Adamick Architecture has been featured in publications: Dwell, Curbed, Fine Homebuilding, Home Builder Digest, The Preservation Resource Center of New Orleans, ELLE Decor, and many more.

Adamick Architecture has had a 10 year history of providing excellent and award-winning residential work, right here in New Orleans.

Alexander Adamick has an even longer history of providing excellent care and carefully addressing state and local building codes, climate conditions, and the historical architectural fabric of the city, particularly at the small to medium building scales. This includes extensive experience with single family and multi-family projects.

Michael Vega has an extensive history of solving architectural problems at the medium-to large scale, on institutional, commercial, educational, and residential projects.

While at previous firms, his knowledge, expertise, and attention to detail has earned the trust of long-term repeat clients such as St Charles Parish Public Schools, the Recovery School District and Orleans Parish School Board, the Ochsner Health System, and large multifamily for Christopher Homes at the Archdiocese of New Orleans.

He also has extensive experience with both producing construction documents and administering construction contracts for projects under public bid law. This includes projects for the school districts in Orleans, St Charles, and St John the Baptist Parishes, as well as for the New Orleans Recreation Department.

See Staff Qualifications and the following pages for more information on projects.

Client comments are anticipated to be received at regular meetings during the design process and folded in to the design. We have a long history of successfully incorporating timely client comments, and scheduling meetings such so they remain timely. If desired, we can discuss interviewing specific stakeholders and even walking reference spaces, which have proven helpful in the past.

ALEXANDER JAMES ADAMICK

Education

Boston Architectural College; Boston, MA
Masters of Architecture; January 2012
The John Herman Pilling Architecture Design Scholarship

Tulane University; New Orleans, LA
Bachelor of Art in Philosophy; May 2005
Bachelor of Science in Cell and Molecular Biology; May 2005
Distinguished Scholar Award



Experience

Adamick Architecture; New Orleans, LA, January 2015 – Present

Owner / Principal Architect – Adamick Architecture specializes in residential and commercial design including new construction, renovations, and historic renovations. Responsible for over \$100M of construction.

2022 New Orleans AIA Award of Merit
2019 Louisiana AIA Award of Merit

Waring Architects, LLC; New Orleans, LA, 2011 – 2014

Project Manager- Responsible for all aspects of project design, construction documents, and construction management for a variety of commercial and residential projects.

McBride and Associates; New York, NY, 2009 – 2011

Project Designer- Responsible for design development and construction documents for high end residences in New York City and New England Coast.

Shepley Bulfinch Richardson Abbot; Boston, MA, 2006 – 2009

Project Team- Massachusetts Eye and Ear Clinic- Working with hospital staff from programming through construction documents on three clinics, a surgicenter, and twelve operating rooms. Assisting in the construction management of two clinics.

Designer- Marquette University Law School- Working collaboratively with a team from site analysis through design development with an emphasis on all major rooms, atrium, and façade.

Designer- Working with lead designers to create presentation drawings for over thirty job proposals at major universities, hospitals, and civic buildings.

Michael Kim Associates; Brookline, MA, October 2005 – March 2006

Designer – Working on a mix of residential, institutional, and commercial projects. .

Volunteering

Open Architecture New Orleans; New Orleans, LA

Co-Director of organization that provides pro-bono architecture and feasibility studies to deserving organizations including the New Orleans Mission, YAYA, The Harry Thompson Center, The Woodlands Conservancy, Quarters for Hope, Common Ground and more

Preservation Resource Center; New Orleans, LA

Member of Technical Committee that helps program learning events and advises on Revival Grants

American Institute of Architects; New Orleans, LA

Current committee member for fundraising committees
Past Treasurer 2021-2022

Skills

Extensive experience in historic preservation

MICHAEL MARCOS VEGA, JR.

Education

Louisiana State University, Baton Rouge, Louisiana
 Bachelor of Architecture, with Honors, 2008
 Community Design Minor
 Architectural History Minor

Experience

Adamick Architecture New Orleans, Louisiana, 2024

Project Manager: Led commercial architecture division. Led projects, met with clients, brought difficult projects through unique permitting conditions. Developed new and improved Revit standards, tools, and procedures to reduce errors and meet deadlines.

Campo Architects New Orleans, Louisiana, 2019- 2023

Project Architect: Led teams of 2-10 individuals across multiple firms to complete hotel projects, including a 20-story, 343-room, \$45M high rise dual-brand mixed use renovation in San Antonio, and a 173-room, \$35M new construction hotel in New Orleans.

- Learned a new coding process to rapidly design and document an entry feature submitted for several awards so far, and noted by firm leadership as their favorite submission slide for the year.
- Led 2 of the top 4 most accelerated design schedules in the office, meeting 100% of deadlines through the permit set, and in 48% less time than average.
- Achieved the top 2 fastest average RFI response times in the office, with one owner's representative stating it was the best he had ever seen.

GraceHebert Architects (Formerly HMS Architects) New Orleans, Louisiana, 2008-2018

Architect, Project Manager (Licensed since 2011) : Practicing architecture: designing buildings, managing projects, producing SD, DD, and CD documents, and generally observing construction. Leading office-wide Revit implementation. Developing standards, templates, scripts, and families. Designing, coding, and maintaining company website and marketing materials. Flew office drone.

- Used innovative techniques to save the school district \$1M on a \$7M kindergarten, which avoided a the redesign encountered by concurrent projects, when the market suddenly jumped 25% higher.
- Spearheaded Revit implementation office-wide, starting in 2008, as one of the first offices in the city. Continually refined tools and techniques to save time, reduce errors, and create better buildings.
 - This resulted in faster timelines:
 - 30% acceleration of scheduled deadlines, compared to the firms' average
 - This also resulted in tighter drawing sets:
 - Maintained -0.2% change orders on public work.
 - Achieved 10% tighter contractor bid groupings than the firm average.
 - Improved estimates to be 25% closer than firm average

Additional Relevant Experience

Open Architecture / New Orleans (formerly Architecture for Humanity)

Directed chapter operations, ran meetings, provided design services, presided over reorganization. Fostered client and inter-chapter relationships.

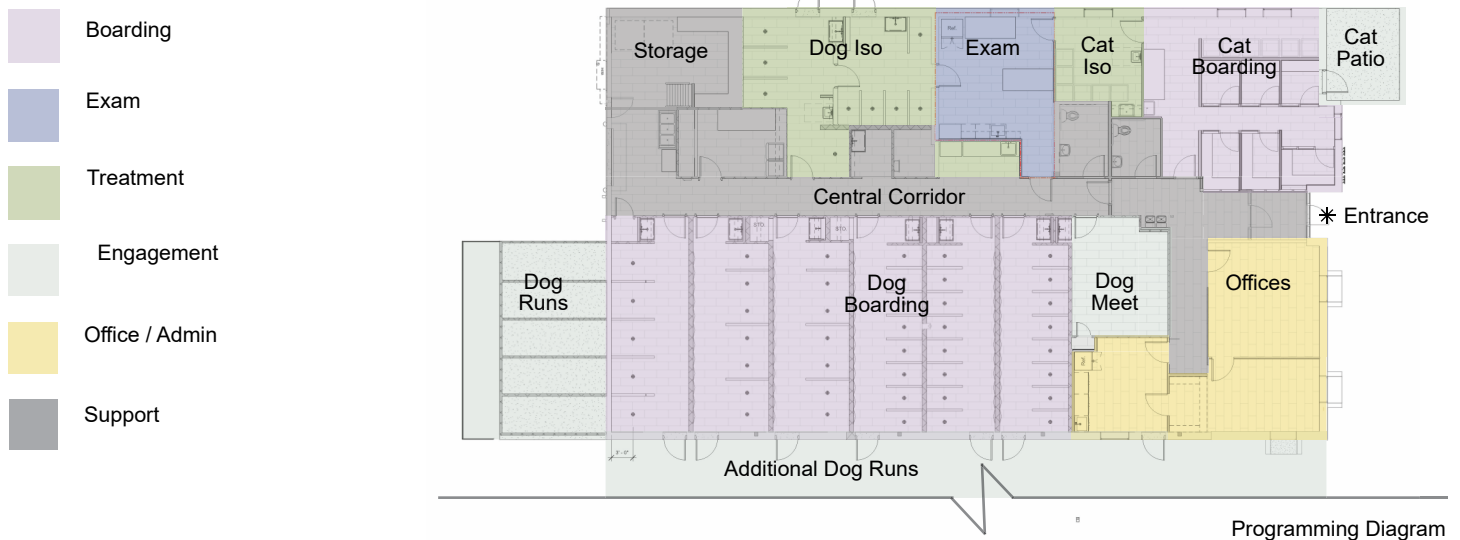
Ford |Dickinson, AAC, Architectural Intern(Spring 2008)

Designed elevations for competitions; produced SD, DD, and CD documents; promotional material; and a project website. Learned new software/OS.

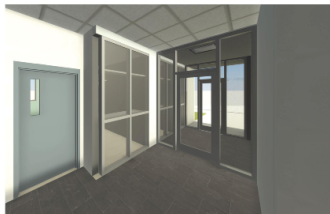
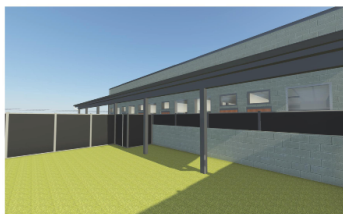
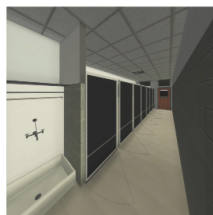
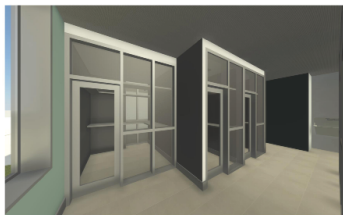
SmithGroup, Architectural Intern (Spring 2007)

Produced schematic design, design development, promotional material, and construction documents, built models, as well as using Revit for Building Information Modeling (BIM).





3D View of Site



Perspective Views

Location: 160 Brookhollow Esplanade Elmwood, LA 70123

Architect: Adamick Architecture

Structural Engineer: AXIS Engineering

Mechanical Engineer: Herzog Engineering

Electrical Engineer: Electrical Design Solutions

Existing Square Footage: 6,040 SQ. FT.

Proposed Square Footage: 7,311 SQ FT.

Cost: \$2.2 M

This project was a conversion of an existing office building into an animal shelter, with occupancy to remain the same. We removed existing ceilings, walls, and flooring, while salvaging existing doors, fixtures, and millwork for later use. We added new interior walls, finishes, and structural modifications as required for new mechanical work, new mechanical and electrical, and a new exterior canopy over the exterior dog yard. We space planned for reception, housing, examination, treatment, office space, and engagement.

CLIENT/COMPANY NAME: Animal Rescue New Orleans, INC.

CONTACT NAME: Kathy Perra

CONTACT TITLE: Owner of ARNO Clinic

CONTACT PHONE: 504.571.1900

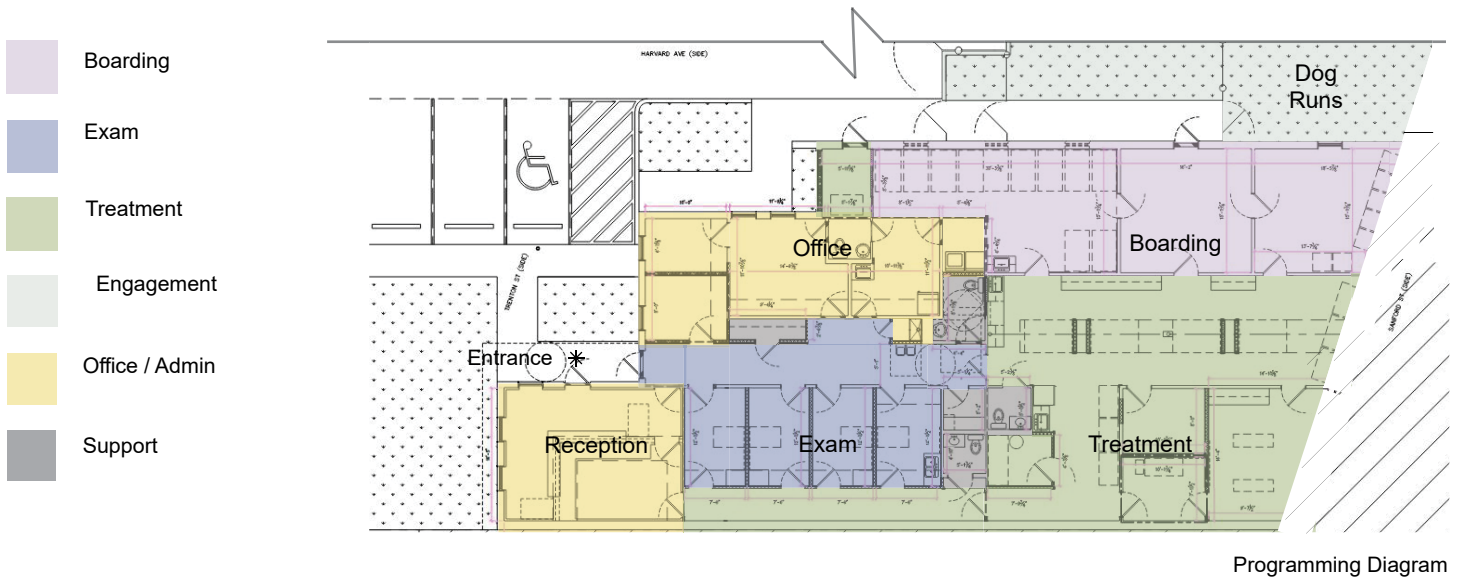
CONTACT EMAIL: kperra271@gmail.com

DATES OF SERVICE: 2021 - Present

RELEVANCE: Owner of ARNO Clinic

DESCRIPTION OF SCOPE OF SERVICES

PROVIDED: Adamick Architecture was the Architect for ARNO.



Large Dog Boarding Area



Treatment Center

Location: 4713 Trenton St. Metairie, LA 70006
 Architect: Adamick Architecture
 MEP Engineer: RPM Group Engineering
 Structural Engineer: Heaslip Engineering
 Existing Square Footage: 4,502 SQ FT.
 Proposed Square Footage: 4,502 SQ FT.
 Cost: \$1.1 M

This project was a renovation of an existing office building into a small animal veterinary clinic. We added a new concrete parking lot and walkways, as well as re-graded the site, added new landscaping, irrigation, and an enclosed dog run with a permeable surface application. We added new interior framing for new interior partitions and space planned for treatment, boarding, exam, office, and reception spaces. We added new finishes and fixtures throughout.



Reception Area

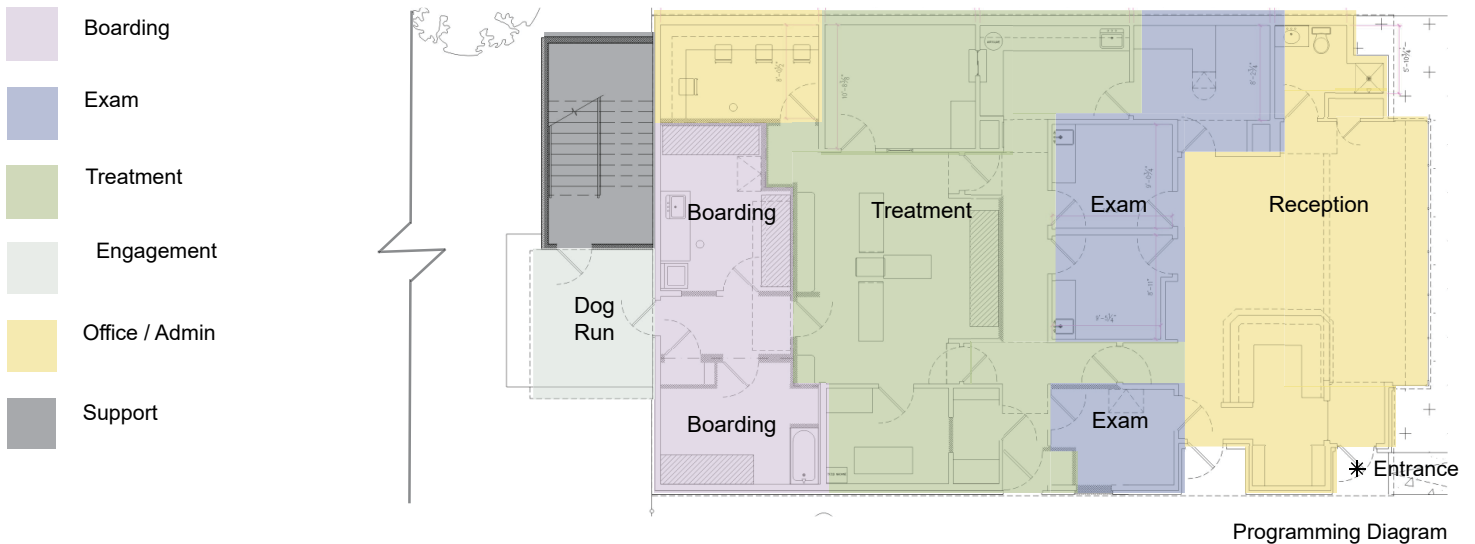


Dog Boarding

Location: 3437-39 Metairie Rd Metairie, LA 70001
 Architect: Adamick Architecture
 Mechanical Engineer: Herzog Engineering
 Electrical Engineer: Electrical Design Solutions
 Existing Square Footage: 6,600 SQ. FT.
 Proposed Square Footage: 6,600 SQ. FT.
 Cost: \$1.2 M

This project was a renovation of an existing office building into a veterinary clinic at the ground floor, while maintaining the residential units on the second floor. We removed walls and finishes as required, replacing the existing space with new interior framing, interior partitions, new mechanical, electrical, finishes, and fixtures. We space planned for reception, examination space, treatment, and boarding.

CLIENT/COMPANY NAME: Batt Veterinary Services
 CONTACT NAME: Dr. David Batt
 CONTACT TITLE: Owner of BATT Veterinary Services
 CONTACT PHONE: 504.920.9466
 CONTACT EMAIL: battvetservices@gmail.com
 DATES OF SERVICE: 2019 - 2020
 RELEVANCE: Owner of BATT Veterinary Services
 DESCRIPTION OF SCOPE OF SERVICES
 PROVIDED: Adamick Architecture was the Architect for BATT.



Treatment Area



Surgery Center

Location: 704 West Esplanade Ave Kenner, LA 70065
 Architect: Adamick Architecture
 Structural Engineer: Batture Engineering
 Electrical Engineer: RPM Group Engineering
 Existing Square Footage: 3,905 SQ. FT.
 Proposed Square Footage: 3,463 SQ FT.
 Cost: \$400k

This project was a renovation and addition to an existing veterinary clinic. The attic space was to be finished out with offices and conditioned. New partitions and finishes were added on the first floor, as well as new millwork, partitions, and finishes throughout. New electrical, mechanical, and plumbing were added to the first floor, and new electrical was added to the second floor. We also added a new enclosed fire stair at the rear of the building as well as a new roof at the stair to match the existing roof. We space planned for reception, examination space, office space, and treatment space.

CLIENT/COMPANY NAME: Chateau Veterinary Hospital
 CONTACT NAME: Dr. Violet Nix
 CONTACT TITLE: Owner of Chateau Veterinary Hospital
 CONTACT PHONE: 504.352.7989
 CONTACT EMAIL: violetnix@gmail.com
 DATES OF SERVICE: 2017 - 2018
 RELEVANCE: Owner of Chateau Veterinary Hospital
 DESCRIPTION OF SCOPE OF SERVICES PROVIDED: Adamick Architecture was the Architect for Chateau.

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<input type="checkbox"/> Ecologists	<input type="checkbox"/> Land Surveyor	<input type="checkbox"/> Grant/Funding Specialist
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<input type="checkbox"/> Professional Land Surveyors		___ TOTAL

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2.

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YES NO

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

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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:

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PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
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TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
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	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:

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Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
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PROJECT NO. 8		
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PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
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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: San Shyne **Print Name:** _____

Title: _____ **Date:** _____



Since 2023, FIAB Engineers, LLC has been providing superior electrical engineering services to the commercial sector and petrochemical & associated process industries. The FIAB team has over thirty years of experience in refining, oil and gas processing, storage terminals, pump stations and wastewater treatment, commercial office buildings, schools and housing complexes. FIAB's engineers are highly skilled and experienced in performing power systems studies including, load flow, short-circuit, protection coordination, arc-flash, harmonic analysis, motor starting and power factor correction. From FEED through detailed design, we can provide for all your electrical power engineering, design and drafting needs.

Engineering Design

- Electrical Distribution System Design
 - Conceptual
 - FEED
 - Bid Evaluation
 - Detailed Design
- Lightning Protection and Grounding System Design
- Switchgear and MCC Design
- Medium and Low Voltage Distribution
- Variable Speed Drive Systems
- Natural Gas, Diesel and Turbine Driven Generator Sets
- Uninterruptible Power Supply (UPS)
- Grounding Design
- Control Panel / System Design
- Distributed Control Systems (DCS)
- Safety Instrumented Systems (SIS)
- Instrument Specifications
- Fire Alarm Systems

Power System Studies

- Load Flow
- Voltage Drop
- Short Circuit
- Protective Device Coordination
- Arc Flash Hazard Analysis
- Motor Starting

SUMMARY OF QUALIFICATIONS:

17 years of experience in the design &/ design management and construction supervision of High, Medium and Low Voltage (345kVAC to 24VDC) electrical systems for commercial, industrial & utility applications; including single line diagrams, load flow, motor starting & short circuit studies, relay coordination, arc flash analysis, grounding grids, lightning protection, MCCs, motor elementary, breaker & cable sizing and cable tray systems. Experienced with SCADA, DCS, instrument power, and telecommunication distribution systems. Supervised commissioning of utility scale solar and wind generating facilities. Prepared and evaluated EPC contracts.

EDUCATION:

University of Bath, Bath, United Kingdom
MSc. Electrical Power Systems by Distance Learning, June 2015

Georgia Institute of Technology, Atlanta, Georgia
BSc. Electrical Engineering, December 2005

EXPERIENCE:

FIAB Engineers, LLC, New Orleans, LA, 70124
Owner/Principal Engineer

Jul. 2023 –Present:

- Lead electrical engineer for design of electrical service upgrades, modifications, and new construction for several small cap projects.

Leeward Renewable Energy, LLC, Dallas, TX, 75206
Director of Transmission

Jan. 2021 –Jul. 2023:

- Identifying unique transmission solutions for reliability and/or economic constraints in various planning regions.
- Testify before regulatory agencies regarding transmission & interconnection matters.
- Maintain productive relationships with assigned utilities, ISOs, industry groups, regulators and other stakeholders in assigned geographic areas on issues related to transmission and interconnection.
- Participate in stakeholder forums to understand industry concerns and direction with respect to grid connected renewable resources and provide leadership in such forums on issues related to development of Leeward projects.
- Support Government Affairs in the development of renewable resource policies

BRIS Engineering LLC, St. Rose, LA, 70087
Senior Consulting Engineer (Casual Employee)

Jan. 2019 – Aug. 2022:

Jan. 2021 – Aug. 2022:

- Lead electrical engineer for design of a new cold storage building including backup generator power with automated step loading.
- Lead electrical engineer for design of electrical service upgrades, modifications, and new construction for several small cap projects.

Electrical & Instrumentation Department Manager

Jun. 2020 – Dec. 2020:

- Lead the electrical and instrumentation engineering functions to design power, distributed control and safety instrumented systems for industrial process facilities and tank farm terminals with a focus on small to mid-cap projects.
- Responsible for ensuring value engineering and compliance with industry, client & company standards as well as adherence to project budget and schedule.
- Coordinate with Project Management to prepare bid packages and proposals for new projects including manhour estimates, total installed cost estimates, engineering schedules, construction scheduling and risk analysis.
- Responsible for 6 direct reports including; long term manpower estimates, hiring, performance reviews, mentoring and resource allocation to ongoing and new projects.
- Develop and maintain the engineering design criteria/best practices and processes.

Senior Consulting Engineer

Jan. 2019 – May 2020:

- Lead electrical engineer for design of electrical service upgrades, modifications, and new construction. Representative projects include:
- New Methanol Terminal Facility – Detail design, major equipment specification and construction scope of work for the 13.8kV utility interface switchgear, 4160V fire water emergency generator system, site medium voltage and low voltage power distribution system and infrastructure.
- New Crude Oil Terminal Facility – Performed the preliminary electrical system design for the 140MVA facility including but not limited to; load list, 34.5kV utility interface, PDC buildings specification, site medium voltage and low voltage power distribution system and infrastructure, cost estimate. Prepared the electrical portions of the EPC bid package.
- Existing Oil Refinery – FEL 2 and detail design for the upgrade of the uLSM system including existing electrical infrastructure load analysis, explosion proof motor starter specification, low voltage power distribution system and infrastructure to supply six (6) new 480V motors.

EXPERIENCE:

Acciona Energy USA Global, Chicago, IL, 60603
Engineering Manager

May. 2015 – Dec. 2018:
Dec. 2017 – Dec. 2018:

- Lead the engineering function to design the foundations, roads, collection system and 138kV/34.5kV project substation for a 145MW wind farm in ERCOT. Responsible for ensuring value engineering and compliance with industry & company standards and O&M requirements as well as adherence to project budget and schedule.
- Coordinate with Development department to perform due diligence for potential new wind and solar utility scale projects including; assessment of interconnect agreement requirements, preliminary design of the roads, collector system, project substation and interconnection transmission line, budgetary cost estimates, construction scheduling and risk analysis.
- Responsible for 6 engineer direct reports during project design phase and responsible for 3 engineer direct reports during construction phase including; hiring, performance reviews, mentoring and resource allocation to ongoing and new projects.
- Develop and maintain the engineering design criteria/practices, ISO processes as well as equipment and construction specifications.

Senior Electrical Engineer

May. 2015 – Nov. 2017:

- Responsible for the preparation of the technical sections of EPC contracts, specifications, bid tabulations, front end engineering, and the review and approval of vendor design engineering drawings for new wind and solar farm projects.
- Lead the electrical engineering function to design the collection system and 138kV/34.5kV project substation for a 95MW wind farm in ERCOT. Responsible for ensuring value engineering and compliance with industry & company standards and O&M requirements as well as overseeing the P&C testing and commissioning.
- Coordinated engineering with electrical contractors, project management and stakeholders through meetings and RFIs.
- Developed and maintained the electrical engineering design criteria/practices as well as equipment and construction specifications.

Ambitech Engineering Corporation, Downers Grove, IL, 60515
Senior Electrical Engineer

Dec. 2013 – Apr. 2015:

- Lead electrical engineer responsible for secondary engineering for the installation of 12kV switchgear, three 12kV transformers and 480V switchgear for the utility supply upgrade of a chemical process plant.
- Responsible for detailed design for the addition of two 2MVA medium voltage transformers and two 480V switchracks for the upgrade of the crude unit of an oil refinery.
- Typical project deliverables included transformer, switchgear & solid state protection equipment specification, cable tray, duct bank, conduit & grounding system detail design.
- Responsible for 12kV electricity distribution pole design and estimating for a utility pole replacement project.

Willbros Engineers, St. Rose, LA, 70087
Electrical Engineer III

Feb. 2013 – Nov. 2013:

- Lead electrical engineer for several oil refinery expansion projects, performed load flow, fault/short circuit & relay coordination studies for a 34.5kV substation & numerous 13.8kV, 4.16kV and 480V distribution system upgrades.
- Typical project deliverables included, area classification, switchgear, transformer & MCC specification, motor elementaries, cable tray & duct bank systems, grounding & lightning protection, heat trace system design, lighting designs & cable schedules.
- Programmed Eaton Cutler Hammer MP-3000 and Allen Bradley Powerflex 753 for protection of 4.16kV, 2000hp motors and 480V, VFD motors respectively.

Jacobs Engineering, Greenville, SC, 29607
Electrical Engineer II

Dec. 2011 – Jan. 2013:

- Produced 4160V/480V/120V electrical distribution system designs as part of a paper mill expansion project. Deliverables included MCC design, motor elementaries, cable tray & duct bank systems, grounding & lightning protection, lighting, & cable schedules.

Trintoplan Consultants Limited, Tacarigua, Trinidad & Tobago
Electrical Engineer II

Mar. 2006 – Nov. 2010:

- Designed the electrical system for four, seventy two apartment high rise buildings, two industrial warehouses, two sewage lift stations, one sewage treatment plant and one commercial building.
- Responsible for the design of the underground electricity, telecommunication and roadway lighting infrastructure and layout for three industrial parks, two medium density housing developments and a commercial office building complex.
- Project Engineer providing supervision services for the upgrade and refurbishment of a water treatment plant; responsible for the review and approval of drawings, contractor valuations, preparation of payment certificates, change orders and progress reports.

Angostura Group of Companies, Laventille, Trinidad & Tobago
Distillery Maintenance, Engineering Intern

Jun. 2004 – Aug. 2004:

- Involved in distillery power factor correction, PLC programming and protective relay maintenance testing.

TECHNICAL SKILLS:

Applications / CAD: EasyPower, ETAP, SKM Power Tools, TARA, Bentley Microstation, AutoCAD, Smart Plant, AmpCalc, Visual, TraceCalc Pro, Microsoft Access Database, MathCAD

Standards: NFPA 70 (NEC), 70E & 780, IEEE NESC, Color Books/3000 Standards, 1584, NERC, FERC, IEC 61850, API RP-500, NETA ATS, NEMA VE2, 250, IESNA

PROFESSIONAL LICENSES:

Louisiana Board of Engineering: *Registered Professional Engineer #43949*

South Carolina Board of Engineering: *Registered Professional Engineer #30788*

Tennessee Board of Architectural and Engineering Examiners: *Registered Professional Engineer #123565*

Texas Board of Professional Engineers: *Registered Professional Engineer #137738*

RECENT TRAINING & PDH:

Power-GEM: Steady State Analysis with TARA

EUCI: Utility-Scale Solar Power Plant Design Fundamentals

ABB: Customer Training Seminar

ETAP: E114 Power Systems Analysis



Ian Sharpe

Principal Electrical Engineer
Electrical Department

504-844-6654

www.fiabengineers.com

Experience:

FIAB: 1 Year

Ian Sharpe has 18 years of experience in the design &/ design management and construction supervision of High, Medium and Low Voltage (345kVAC to 24VDC) electrical systems for commercial, industrial & utility applications; including single line diagrams, load flow, motor starting & short circuit studies, relay coordination, arc flash analysis, grounding grids, lightning protection, MCCs, motor elementary, breaker & cable sizing and cable tray systems. Experienced with SCADA, DCS, instrument power, and telecommunication distribution systems. Supervised commissioning of utility scale solar and wind generating facilities. Prepared and evaluated EPC contracts.

Education:

Georgia Tech | BSc.
Electrical Engineering

Univ of Bath | MSc.
Electrical Power Systems

OXY

Lead electrical engineer for design of a new cold storage building including backup generator power with automated step loading.

Acciona Energy

Lead the electrical engineering function to design the collection system and 138kV/34.5kV project substation for a 95MW wind farm in ERCOT.

Programs:

ETAP, SKM, EasyPower

Valero, Marathon, Sinclair Oil

Lead electrical engineer for several oil refinery expansion projects, performed load flow, fault/short circuit & relay coordination studies for a 34.5kV substation & numerous 13.8kV, 4.16kV and 480V distribution system upgrades.

Typical project deliverables included, area classification, switchgear, transformer & MCC specifications, motor elementaries, cable tray & duct bank systems, grounding & lightning protection, heat trace system design, lighting designs & cable schedules.

Programmed Eaton Cutler Hammer MP-3000 and Allen Bradley Powerflex 753 for protection of 4.16kV, 2000hp motors and 480V, VFD motors respectively.

Registration:

TWIC Card Holder

Louisiana Board of
Engineering: Registered
Professional Engineer
#43949

South Carolina Board of
Engineering: Registered
Professional Engineer
#30788

Tennessee Board of
Architectural and
Engineering Examiners:
Registered Professional
Engineer #123565

Texas Board of
Professional Engineers:
Registered Professional
Engineer #137738

Confidential Paper Mill

Produced 4160V/480V/120V electrical distribution system designs as part of a paper mill expansion project. Deliverables included MCC design, motor elementaries, cable tray & duct bank systems, grounding & lightning protection, lighting, & cable schedules.

Government of Trinidad & Tobago

Designed the electrical system for four, seventy two apartment affordable housing buildings, two industrial warehouses, two sewage lift stations, one sewage treatment plant and one commercial building.

Responsible for the design of the underground electricity, telecommunication and roadway lighting infrastructure and layout for three industrial parks, two medium density housing developments and a commercial office building complex.

Designed the roadway lighting systems for over a hundred miles of highway improvements projects.



Ronnie Rodriguez

Senior I&C Engineer
Electrical Department

504-844-6654
www.fiabengineers.com

Experience:

FIAB: 1 Year

Ronnie is a Control Systems Engineer with 18 years of electrical and control systems design & engineering experience across various industries. He can serve as the Technical Lead on this project while also focusing on higher level engineering tasks.

Education:

UNO | BSc. Electrical
Engineering

Ronnie has focused on low voltage Electrical and Controls design for various industries including oil and gas, water & wastewater, marine, nuclear, and renewable energy. His typical deliverables include design specifications, panel layouts, wiring diagrams, conduit layouts, interconnection drawings, P&IDs, lighting, CCTV, heat and load calculations, load studies, O&M manuals, QA/QC checklists, testing procedure documentation, failure modes and affects analysis documents, recommended spare parts list, and verification and validation programs.

Registration:

PE 49220 Louisiana

TVA Nuclear

Water screen controls design

Mid-American Energy

Water screen controls design

Loreauville

WWTP control panel design

St Tammany Parish

Standard potable well panel design

Lafourche Parish

Pump station upgrade design package

Veolia

Bio-Reactor controls design package

EDP Renewables

Solar substation relay protection panel design

Mas Energy

RNG plant design

AWC

LBTS panel design

LADOTD

Lighting panel design



Jordan Martin

Senior Electrical Engineer
Electrical Department

504-844-6654
www.fiabengineers.com

Experience:

FIAB: 1 Year

Jordan is an Electrical Engineer with 6 years of electrical and control systems design & engineering experience across various industries. He can serve as the Technical Lead on this project.

Education:

East Carolina
University | BSc.
Industrial Engineering
Technology

Jordan has focused on low, medium and high voltage power for various industries including oil and gas, water & wastewater, commercial buildings and renewable energy. His typical deliverables include design specifications, panel layouts, wiring diagrams, conduit layouts, interconnection drawings, heat and load calculations and power system studies. He also has extensive field engineering experience.

Registration:

EIT Pending

Leeward Renewable Energy

Managed collection and substation design from 69kV through 345kV for several projects. Prepared ETAP models of the sites and performed load flow, short circuit, coordination and arc flash analysis.

Various Clients

Provided electrical designs (Lighting, Receptacles, Panel Schedules, Switches etc.) using the NEC for several MEP projects (New or existing) from Schools, Hospitals, Well Pumps, First Responders Facilities and Prisons.

Henkles & McCoy

Managed a team of (6) electrical field engineers (direct reports) on multiple wind energy projects. Analyzed OTDR reports, Megger test, ground grid resistances testing, oil samples, transformer turn ratio reports, Partial discharge reports and very low frequency test (VLF) for commissioning efforts. Completed the final inspection on all installations and terminations regarding junction box and transformer phasing/position cable tags, level checks, crimps, dies, lugs, cable spacing, boring distance, pre- and post-concrete pouring.



Gina Lala

Principal Electrical Designer
Electrical Department

504-844-6654

www.fiabengineers.com

Experience:

FIAB: 1 Year

Mrs. Lala has been employed in the Chemical, Refining, Commercial and Municipal Industries as an Electrical Designer/Drafter & CAD Operator for 40 years. Mrs. Lala is a passionate, detail-oriented, driven professional leveraging experience in efforts towards the achievement of project deliverables on time and under budget. Mrs. Lala is well versed in engaging and sustaining relationships with teams, leadership personnel, clients, and key stakeholders.

Responsible for performing design of the following, just to name a few.

Education:

NCCER | Certified
Industrial Electrician V5

ABC | Certified
Electrical Craftsmen

Delgado | Certified CAD
Operator

JeffVoTech | Certified
Design Drafter

Campus Improvements

Designer responsible for electrical design and development of drawings for a campus improvement project involving roadways lighting and new lighting for frontal landscape.

Harbor Refuge

Designer responsible for electrical design and development of drawings for new ground development involving the main electrical service, site and boat slip lighting.

Programs:

AutoCad

Jones Creek Road Lighting

Designer responsible for electrical design and development of drawings for roadway lighting from Design Phases to Final Construction.

Registration:

TWIC Card Holder

IMTT Dock

Lead design of electrical infrastructure for new barge gate. Design fields include grounding, lighting, cable tray and power/control.

Colony Place Lighting

Created and designed drawings for roadway lighting for Bid and Design phases; Site visit for measurements and design criteria/obstacles.

Bayer Complex

Lead design for 600 Series Tank Recirculation project. Design fields include grounding, lighting, cable tray and power/control.

Valero Complex

Lead design for Levee Fence Design and Gate Security. Design fields include location plans, block diagram, power/control, grounding and lighting.

Avondale Sewer Lift Station Generator

Lead designer responsible for the electrical design and development of drawings for replacement of generator and lift stations. Design fields include one-line, power, grounding, lighting and elevations.

Water Treatment Plant

Designed the entire power, instrument and lighting systems for a new water treatment plant.



Jacob Finley
Principal Designer
Electrical Department

504-844-6654
www.fiabengineers.com

Experience:

FIAB: 1 Year

Jacob is an Electrical Designer with 13 years of electrical and control systems design experience across various industries. He can serve as the Design Lead on this project while also focusing on higher level design management tasks.

Education:

Southeastern LA
University| BSc.
Industrial Technology

Jacob has focused on low and medium voltage Electrical and Controls designs for various industries including oil and gas, water & wastewater and renewable energy. His typical deliverables include grounding/lighting/power/area class plans, cable schedules, motor schematics & one-line diagrams utilizing AutoCAD software. Jacob is highly skilled in 3D modelling of facilities infrastructure.

Tesla

Supercharging Solar and BESS sites designs

Koch Methanol

Lead designer for detailed design of the facility

Valero

Site surveys of electrical equipment, red lines, as-built drawings, construction support and start-up/commissioning

Normanda

Site surveys of electrical equipment, red lines, as-built drawings, construction support and start-up/commissioning

Various Confidential Oil and Gas projects

Prepared design packages and prepared 3D models for electrical infrastructure and cable systems

Technical Evaluation Committee (TEC) Questionnaire

Instructions

- The Technical Evaluation Committee (TEC) Questionnaire shall be used for professional services related to architecture, engineering, or survey projects.
- **The TEC Questionnaire should be completely filled out. Complete and attach ALL sections. Insert “N/A” or “None” if a section does not apply or if there is no information to provide.**
- Questionnaire must be signed by an authorized representative of the Firm. Failure to sign the questionnaire shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- All subcontractors must be listed in the appropriate section of the Questionnaire. Each subcontractor must provide a complete copy of the TEC Questionnaire, applicable licenses, and any other information required by the advertisement. Failure to provide the subcontractors' complete questionnaire(s), applicable licenses, and any other information required by the advertisement shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- If additional pages are needed, attach them to the questionnaire and include all applicable information that is required by the questionnaire.

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.

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

Signature: _____ **Print Name:** _____

Title: _____ **Date:** _____

- Profile:** Professional Mechanical Engineer with 39 years of experience in HVAC and plumbing systems engineering and project management for commercial, industrial, historic, and institutional facilities. Project management experience includes coordination of multi-discipline engineering design, scheduling, estimating, project and cost controls.
- Registration:** Registered Professional Engineer: Louisiana #25711, New York #096391, Georgia #044752, Wyoming #17089, Arizona #70765
- Employment:** Herzog Engineering, LLC, Metairie, LA (2016 to present), Principal
BRIS Engineering, LLC, St. Rose, LA (2015 to present) Sr. Project Manager
WDG | Architects Engineers, New Orleans, LA (2009 to 2014), Engineering Manager
Wink Companies, LLC, New Orleans, LA (2006 to 2009), Engineering Manager
Wink Incorporated, New Orleans, LA (1991 to 2006), Sr. Project Manager
Flettrich Engineering Services (1985 to 1990), New Orleans, LA, Project Engineer
- Education:** McGill University, Quebec, Canada – B.S. Meteorology (1979)
Trinity University, San Antonio, Texas – M.S. Physics, Applied Solar Energy (1985)
- Relevant Experience:** Large Projects:
Superdome Renovation: Two phase renovation of Superdome in preparation for the 2013 Super Bowl, including suite upgrades, Bunker Club construction, Loge concession and restroom expansion, locker room upgrades
Centrio District Energy Plant: Mechanical engineering and overall project management for district energy facility (32,000 tons chilled water generation and 52,000 ton hours thermal energy storage capacity) for Entergy Thermal (now Centrio). Building is a combined-use facility, with the thermal facility on the first floor, four floors of parking garage (600 total parking spaces), and heat rejection equipment on the roof. System configuration includes screw chillers (water or glycol chilling), centrifugal chillers (water chilling), cooling towers, evaporative condensers, ice build coils, centrifugal pumps, refrigerant recovery systems, chemical water treatment, and centrifugal separation equipment. Project received Associated Builders & Contractors award for Excellence in Construction, project size \$25MM - \$99MM. Chilled water system serves LSU Health Sciences Center, Delgado School of Nursing, University Hospital, Charity Hospital, LSU Stanislaus Hall, Tulane School of Medicine, and Fairmont Hotel.
Entergy Thermal Boiler Plant Upgrade: Reinstrumentation of existing boiler plant, installation of metering facilities, and connection of steam distribution system to LSUHSC Central Plant, Medical Center of Louisiana New Orleans (Charity Hospital), LSUHSC Clinical Education Building, Delgado School of Nursing, LSUHSC Nursing School Dormitory, Tulane University Health Sciences Center.
Boiler Plant Deaerator Replacement: Replaced existing out of service deaerator with new unit with improved level control and control of condensate transfer pumping system.
Tulane Central Plant Expansion: 6,000 sf expansion of existing chilled water plant and addition of 5 kV and 480V switchgear serving central plant, integration with campus building automation system.
Monteleone Hotel Mechanical System Upgrades: Bienville, Royal and Iberville Sections. Energy recovery ventilation (ERV) system, conversion of AHUs to room fan coil units,

plumbing upgrades, sprinkler system upgrades, water softener system upgrades, chiller replacements.

Government: Jefferson Parish (Bayou Metairie Park, Coroner's Office & Morgue), NIH Bethesda (Building 50 NIAID, FAES Pharmacy, Building 6A AHU Replacement, CRC Preheat Coil Replacement, Building 40 HW Converters, Building 12 Cafeteria AHU), NAVFAC Washington (Pax River Building 2272 Hardening (SCIF), Marine Barracks Washington Energy Bundle), City of New Orleans (French Market Restrooms, City Hall Central Plant, Civil District Court AHU Replacement, Main Library Renovation, Mosquito Control Admin Building, House of Detention Demolition), East Baton Rouge Sheriff's Office Training Center

Historic Buildings:

617 Canal St Apartments: Conversion of existing four-story building to hotel.

Louisiana State Board of Medical Examiners (Eli Lilly Building): Mechanical system renovation and addition of floor for board room.

WDG Architects Engineers: Convert 1900's Packard Dealership into architectural offices

Turn Services: Convert 1880's molasses factory into offices

1050 Annunciation: Convert 1870's building to apartments

NANO Architects: Convert church to architectural offices.

632 Esplanade: Three-story apartment renovation

502 Frenchmen: 41 units with retail in Faubourg Marigny

Recreation/Entertainment:

Cutoff Recreation Center: Splash Park for existing community center in Algiers

Bayou Metairie Park: New park in Metairie

Bartholomew Golf Shelters: New shelters at Bartholomew Golf Course, New Orleans

Third Rose of Sharon Community Center: Community center in New Orleans

Rosenwald Community Center: New community center/pool retrofit for City of NO.

Lusher Ball Field: Addition of dugouts to Lusher Ball Field, New Orleans

Northshore High School: New concessions building, Slidell

Emporium: Renovation for game room/pool hall, New Orleans

Sand Dollar Marina: Fire suppression system, Grand Isle

201 Decatur: Convert urgent care facility into nightclub, French Quarter

Rock on Gramercy: Convert furniture store into nightclub, Gramercy

Paradise Bowling Alley: Renovation of existing bowling alley in Mandeville

Apartments/Short-Term Rental/Residential: 1730 Clio Street (new), 1919 St. Claude (conversion), 1443 St. Bernard (conversion), 1940 Rampart, 502 Frenchmen, 2332 Terpsichore, 1300 & 1400 block Carondelet St (fire protection), 2100 Milan, 3716 Coliseum, 1333 St. Philip, Delfeayo Marsalis Residence, Surfrider III Apartments, 11850 Wentling Apartments, 329 N. Diamond

Assisted Living: Peristyle Group Homes (4 locations), RAL Assisted Living

Restaurants: Restaurant R'evolution, Barrows Catfish, Blind Pelican, Fat Boys Pizza (6 locations), Jaegers' Seafood, Acme Oyster House, Desire Oyster Bar, Pluck,

Autonomy Bakery, Smoothie King, Junior's, Legends Steakhouse, City Greens, Arnaud's, Vampire Cafe, Messina's at Jax, 1136 Decatur Restaurant, Parish Line Bistro. Marsh Room, 336 Decatur Boil House, River Shack

Laboratories: Chevron Oronite Quality Control Lab (9,000 sf), Albemarle West Lab 2 (26,000 sf), Bayer Luling Lab (17,000 sf), Valero Refining Quality Control Lab (11,000 sf) Marathon Refining Quality Control Lab (12,000 sf), NIH Bethesda Tissue Culture Lab, NIH Bethesda Freezer Farm

Medical/Dental: Ochsner Main Campus Internal Medicine building, Ochsner Kenner ER Renovation, East Jefferson Hospital Generator System, Dr. Black Plastic Surgery, Crescent Care Clinic, Ochsner Westbank Urgent Care, Smile Doctors (7 locations), Bunker Hill Psychiatric Facility, GVI Dental, Sprout Pediatric Clinic, Alliance Surgery, Algiers Dental, PAT PAT Dental Building

Animal Facilities: Animal Rescue of New Orleans, Spay-Mart, Batt Veterinary Clinic, MCA Dog Training Academy, Plaquemines Parish Animal Shelter, Washington Avenue Animal Clinic.

Commercial/Retail: Blackwater Offices, Drago's Restaurant Offices, Wimberly Law Office, Young Williams Baton Rouge, Lanco Construction, Hoist & Crane, Paris Casino, Bayou Gold Casino, NAPA Livingston, Apex Aviation, Dent Wizard, Unity Welding, Norma's Bakery, Subway Kenner, Lucy Boone Ice Cream, 3300 Bienville Renovation, 8100 W Judge Perez Retail Development, Cool-Rite Building Renovation, Greenhouse on St. Louis, SW Railroad Retail, Hewitt St. Office Building, Chef Menteur White Box, Element Salon, Barker Kia, 3240 Georgia Retail, Ideal Markets (3 locations), Golden File Nail Salon, Ideal Gas Station, Adams St. Barber Shop, Oracle Lighting Warehouse, Salon Callidora, 504 Fitness, Bayou Gold Casino

Education: Alice Harte Charter School, Victory Fellowship School, St. Andrew's School, LSU Health Science Center, Muslim Academy, St. Maurice Day Care, Delgado Community College Baseball Fieldhouse, Abita Springs Elementary School, LSU Food Incubator, Torah Academy

Religious: One Hope Church, Victory Fellowship Church, St. Paul Baptist Church, Victory Life Church

Laundries: St. Tammany Linen, Broad St. Laundromat, Latino Multicenter Laundromat, Ideal Market Laundromat

**Professional
Organizations:**

American Society of Heating, Refrigerating, and Air Conditioning Engineers.
American Society of Plumbing Engineers

Summary of Experience

Chip Caillouet is a Professional Mechanical Engineer who has over 24 years of experience. His background includes more than 15 years of refining, petrochemical plant project engineering and nuclear power plant project engineering combined with 10 years of experience in the design of heating, ventilation, air conditioning, and plumbing systems. He is proficient in AutoCAD, Caesar II pipe stress analysis, Elite Software Chvac, and is the Supervising owner of CC Engineering LLC.

Project and Work Experience

Mechanical Engineer, Brown & Root

Representative Projects

- § Provided preliminary freezer storage building box load calculations to size mechanical equipment for the safe storage of Organic Peroxides at -20°F for Occidental Chemical Corporation. Calculations included air infiltration scenarios for loading and unloading chemical container pallets and limiting the interior temperature swing and recovery times to meet the Owner standards. Wrote the mechanical equipment performance requirements for the storage building specification and coordinated with Vendors to receive proposals to construct the new facility.
- § Lead mechanical engineer for raw vegetable oil storage and distribution facility for new IMTT and Fuji Vegetable oil production facility. Provided pipe stress analysis and nozzle load calculations for the new tank farm, raw vegetable oil pump area, hot water production facility and truck unloading terminal. Solicited and received Vendor proposals for the diesel firewater pump, firewater storage tank, raw vegetable oil storage tanks, tank mixers, gear pumps, centrifugal pumps, heat exchangers, steam traps and truck unloading hoses.
- § Lead Mechanical engineer for a series of gas turbine projects contracted by Power Systems Manufacturing LLC. Engineering work included pipe stress analysis, spring hanger selection and sizing, and design of piping systems with flexible connections and expansions joints for lateral pipe movement for extreme temperatures.
- § Lead mechanical engineer for a firewater expansion project for Valero Meraux Refinery to directionally bore a new 24" HDPE FM approved firewater line under a main public highway that crosses through the refinery facility. Provided stress analysis for above ground piping and ditch crossing.
- § Lead mechanical engineer for the LPG by rail project at Chalmette Refinery. Engineering work included firewater system piping, firewater monitors and hose connections, pipe stress analysis for LPG piping, knock out drum and LPG pumps data sheets.

Refinery Project Engineering

- § Flare replacement and flare gas recovery expansion project at the CHS Refinery in McPherson, KS. Stress analysis for main flare line. Nozzle load calculations and knock out drum calculations review.
- § Lead Mechanical Engineer for Chevron Oronite rail car wash expansion project in Belle Chasse, LA. Expansion included replacing the existing manual gangways with pneumatic safe stairs, replacement of the existing loading arms. Provided additional wash pumps, waste pumps, heat exchanger and piping to increase production efficiency. Designed an automated rail car drying system which increased efficiency and operator safety by eliminating the need to lift portable dryers.

- § Lead Mechanical Engineer at Chalmette Refinery for Sulphur loading rack for truck and rail. Included steam jacketed piping, gangway stairs with safety cages, loading arms, and the design of a vent system that reduces the operator's exposure to Sulphur vapor at the truck or rail car manway while loading.
- § Mechanical engineering, project engineering and project management for small- to mid-size capital projects at the Phillips 66 Alliance Refinery in Belle Chasse, LA.
 - Lead mechanical engineer for 2014 and 2015 plantwide pressure safety valve upgrades and installation of new flare gas piping system.
 - Pressure vessel modification and repair plans for adding new nozzles and pipe supports to existing equipment.
 - Provided bid specifications for new Knockout drums, pumps, and turbines.
 - Caesar II pipe stress analysis, equipment nozzle load calculations, and pipe branch calculations for new piping system.
 - P&ID and Isometric piping drawing review for approval and construction issue.
- § Lead Mechanical Engineer for large and small capital improvement projects at the Motiva Norco and Valero St. Charles refineries, providing project management support in the form of cost estimates, work schedules, scope of work development, and design basis documents. Other duties include field inspections, construction support, writing equipment bid specifications, and vendor drawing approval.
- § Refinery Project Engineering experience includes development and design of piping systems (oil, gas, steam systems and sour service), Caesar II pipe stress analysis, storage tank and pressure vessel design, Hydrofluoric Acid mitigation systems, and fire systems. Designs conformed to the requirements of the Occupational Safety and Health Administration, ASME, API, NFPA, and client specifications and standards.

Mechanical Engineering Waterford 3 Nuclear Power Plant

- § Provided mechanical engineering support for safety and non-safety related piping modifications, minimum pipe wall thickness calculations for the flow accelerated corrosion (FAC) program, and piping specification revisions. Completed all systems and plant training as required by the Nuclear Regulatory Commission (NRC) and Entergy Operations.
- § Provided mechanical engineering support for two reactor refuel outages which included temporary lead shield installation calculations for radiation protection, temporary pipe supports system calculations for pipe modifications, reactor containment paint inspections and walk downs, provided drawings for the manufacture of a modified fuel bundle temperature probe removal tool, and apparent cause analysis.

Mechanical Engineer HVAC and Plumbing for Commercial and Industrial Buildings- Brown & Root, CC Engineering, GVA, Vivien and Associates, Herzog Engineering and CC Engineering.

- § Lead Mechanical Engineer for three new Operating Shelters for the Chalmette Refinery. HVAC calculations review, design of site plumbing systems including sanitary sewer lift station calculations and potable water supply piping.
- § Lead Mechanical Engineer for Chalmette maintenance shop and office building and the Albemarle maintenance shop and office building. Responsibilities included design of DX HVAC system and plumbing system for the office building and buildout. Sanitary sewer lift station calculations. Design of the ventilation system, heating system, plumbing system and compressed air system for the maintenance warehouse.
- § Lead Mechanical Engineer for Monsanto laboratory and office building. Design of all mechanical systems. HVAC design includes central chiller plant with redundant chilled water pumps, variable volume air handlers with VAV boxes and electric reheat for the office spaces. Laboratory mechanical design includes redundant 100% outdoor air, air handlers for the laboratory with supply valves, electric reheat, lab hoods with exhaust

valves and central laboratory exhaust system. Acid waste system with removable totes for disposal. Gas piping distribution system, vacuum system, DI water system and compressed air system. Potable water system, safety showers and hot water recirculation system. Sanitary sewer system with lift station hydraulic calculations.

- § Central chiller plant design, variable air volume HVAC systems for a four-story classroom building with a volleyball gymnasium, and HVAC system design with heat recovery for new multipurpose gymnasium building with workout mezzanine at Mount Carmel Academy in New Orleans, La.
- § HVAC design of DX variable air volume systems for new two-story classroom building and gymnasium building at St Paul Episcopal School in New Orleans, La.
- § Belle Chasse Naval Air Station. Project designs included chilled water plant, kitchen ventilation hoods, and plumbing systems design at the central kitchen/dining facility. Ventilation systems for hazardous areas with emergency purge and humidity control at the Hazardous Materials warehouse. And lastly, renovations to the existing control tower/terminal building HVAC systems, design of chilled water and boiler water piping to fan coil units for new office renovations.
- § Design of HVAC systems for indoor football field facility, weight room, and storage facility, design included, DX packaged systems, fan ventilation systems at the Saints Training Facility in Metairie, La.
- § Design and relocation of new air-cooled chilled water plant to the roof of the building after Hurricane Katrina flooded the existing mechanical equipment located in the basement at the Archdiocese of New Orleans.
- § Design of variable air volume system to replace existing for multi-story building renovation at the Omni Bank Building in Metairie, La.
- § Design of HVAC systems and construction administration for commercial buildings. HVAC systems include chilled water plants, heating water boiler plants, steam systems for healthcare humidification and sterilization processes, direct expansion systems variable and constant air volume, chilled water systems variable and constant volume, chilled and heating water piping design, multi-zone air systems, HVAC retrofit and renovation, building exhaust systems, commercial kitchen exhaust hoods, HVAC and medical gas systems for healthcare facilities. Industrial work includes design of HVAC systems for positive building pressurization for Class 1 Division 2 applications.
- § Preparation of construction documents, drawings and specifications using AutoCAD Software.
- § Mechanical HVAC Heat Load Calculations using Elite Software Chvac for equipment selections and Plumbing calculations per International Plumbing Code Latest Edition for Potable water, sewer and natural gas pipe and equipment sizing.
- § **Recent Commercial Projects include providing engineering services for Herzog Engineering, DBA, CC Engineering LLC for the following:**

Airline Drive Indoor Soccer Field – HVAC and Plumbing Calculations and Design

Ideal Grocery Store Renovations and Additions – HVAC and Plumbing Calculations

The Rock on Gramercy, Restaurant/Bar- HVAC and Plumbing Calculations and Design

Church Annex Building, Multipurpose building – HVAC and Plumbing Calculations and Design

Treme Mixed Use Renovation and Addition, Retail and Apartments - HVAC and Plumbing Calculations and Design

Education

University of New Orleans | B.S. Mechanical Engineering- May 2000

Licensing Active

Engineering Firm – Supervisor – Owner, Chip Louis Caillouet P.E. | CC Engineering LLC | License #EF.0007445

Professional Mechanical Engineer	Louisiana	#34335
Professional Engineer	Colorado	#59944
Professional Engineer	Florida	#93000
Professional Engineer	Oregon	#99064
Professional Engineer	New Jersey	#24GE05794200
Professional Mechanical Engineer	Arizona	#81156

Affiliations

National Council of Examiners for Engineering and Surveying – NCEES ID #22-263-56

Louisiana Professional Engineering and Land Surveying Board

Colorado Department of Regulatory Agencies- DORA

Florida Department of Business & Professional Regulation – DBPR

Oregon State board of Examiners for engineering and Land Surveying – OSBEELS

New Jersey Division of Consumer Affairs

Arizona State board of Technical Registration

Centrifugal Pump Design and Application Seminar – Bell and Gossett-Little Red School House

Trane Company Satellite Seminar Series

CaptiveAire Commercial Kitchen Ventilation Seminar

COADE- Pipe Stress Analysis Using Caesar II

Spirax Sarco- Fundamentals of Steam Utilization

Employment Experience

CC Engineering LLC – 2022-Present

Brown & Root | 2012 – Present

Waterford 3 Nuclear Power Plant – 2009-2012

Brown & Root | 2006 – 2009

GVA Engineering | 2005 – 2006

Lucien T. Vivien, Jr. & Associates | 2001 – 2005

Dammon Engineering, Inc. | 2000 – 2001

Technical Evaluation Committee (TEC) Questionnaire

Instructions

- The Technical Evaluation Committee (TEC) Questionnaire shall be used for professional services related to architecture, engineering, or survey projects.
- **The TEC Questionnaire should be completely filled out. Complete and attach ALL sections. Insert “N/A” or “None” if a section does not apply or if there is no information to provide.**
- Questionnaire must be signed by an authorized representative of the Firm. Failure to sign the questionnaire shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- All subcontractors must be listed in the appropriate section of the Questionnaire. Each subcontractor must provide a complete copy of the TEC Questionnaire, applicable licenses, and any other information required by the advertisement. Failure to provide the subcontractors' complete questionnaire(s), applicable licenses, and any other information required by the advertisement shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- If additional pages are needed, attach them to the questionnaire and include all applicable information that is required by the questionnaire.

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		<input type="checkbox"/> 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.

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

Signature: _____ **Print Name:** _____

Title: _____ **Date:** _____



About:

AXIS Engineering is a civil and structural engineering firm licensed in Louisiana, Texas, Mississippi, Alabama, Florida, Arkansas, New Mexico and Colorado. AXIS provides design services to clients in residential, multi-family, commercial, office, retail, educational, and healthcare industries. With a specialized focus on structural assessments, analysis and design due to Hurricane Impact.

Services:

Civil Engineering Services

- Site + Grading Design
- Drainage + Stormwater Planning + Management
 - Green Infrastructure
 - Utility Infrastructure

Structural Engineering Services

- Building Foundation + Framing Design
- Hurricane Impact Design
- Structural Evaluation

Collaborate. Innovate. Create. Perform!

AXIS Engineering is an innovative engineering group of highly skilled, talented professionals offering civil and structural engineering for residential, multifamily, commercial + industrial projects across the Gulf South. We strive to outperform our competition by helping our clients achieve excellence through project execution, communication and superior production!



JAMES B. HEASLIP II, P.E.

James B. Heaslip II, P.E. is a Partner and lead project engineer with AXIS Engineering, responsible for complete project design and coordination of all civil and structural engineering services provided by the firm. With over 20 years of design experience, Mr. Heaslip specializes in commercial and residential structures, design and analysis of commercial/residential structures, and civil and hydraulic design and analysis.

Structural Engineering experience includes the design and analysis of reinforced concrete, structural steel, composite framing systems and timber framing. Extensive experience in deep foundation design, shallow foundations on grade and field experience throughout all design projects previously listed.

Civil Engineering experience includes the design of drainage and the hydraulic studies required for state and municipal projects, site work, and parking design.

Forensic Engineering and Expert experience include evaluations on a variety of structural systems including construction defects, structural failures and damages caused by natural disasters. Common evaluations performed by Mr. Heaslip include failure of foundations and flooring systems, roofs and various roofing systems and construction defects.

Education:

Bachelor of Science, Civil Engineering 1999 - Louisiana State University

Licenses:

Registered Professional Engineer – Louisiana License #31593
Registered Professional Engineer – Texas License #99844
Registered Professional Engineer – Mississippi License #18278
Registered Professional Engineer – Alabama License #37437
Registered Professional Engineer – Florida License #84411
Registered Professional Engineer – Arkansas License #19388
Registered Professional Engineer – New Mexico License #25829
Registered Professional Engineer – Colorado License #55779

Professional Memberships:

Member of Louisiana Engineering Society (LES), Louisiana Chapter
Member of American Society of Civil Engineers (ASCE), New Orleans Chapter
Member of Home Builders Association (HBA), New Orleans Chapter
Member of Society for Marketing Professional Services (SMPS), Southeast Louisiana Chapter

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Providing to the Parish of Jefferson

Miscellaneous Architecture and Engineering Services on an As-Needed Basis

SOQ 24-036 | Resolution No. 145324

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>5</u>	<i>Survey Crew Chief</i>
				<u>4</u>	<i>Survey Crew Instrumentman</i>
				<u>22</u>	TOTAL

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

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

TEC Professional Services Questionnaire

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

1.
N/A

2.

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

YES_____ NO_____ N/A

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

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

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

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Ralph P. Fontcuberta, Jr., PLS

Executive Vice President / Registered Professional Land Surveyor

Project Assignment:

Registered Professional Land Surveyor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

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:

- EAT Fat City Center and Transportation Hub Project (Resubdivision), Metairie, Jefferson Parish, LA
- Marerro 911 Center, Marrero, Jefferson Parish, LA
- St. Ville Elementary School (fmr Helen Cox High School) Surveying, Harvey, Jefferson Parish, LA
- Airline Park Elementary School Resubdivision & Site-Specific Topographic Survey, Jefferson Parish, LA
- Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA
- Marrero Wastewater Treatment Plant Operations Building, Jefferson Parish, LA
- Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA
- Proposed Lafreniere Park Food Pavilion, Metairie, Jefferson Parish, LA
- Rivarde Maintenance Facility, Jefferson Parish, LA
- Clancy-Maggiore Elementary School for the Arts Survey, Kenner, Jefferson Parish, LA
- Bonnabel High School Survey with FEMA Elevation Certificates, Kenner, Jefferson Parish, LA
- Fire Station 18, Metairie, Jefferson Parish, LA
- Jefferson Parish Department of Public Works (DPW) Maintenance Building, Jefferson Parish, LA
- West Bank Bus Stop Improvements, Jefferson Parish, LA
- East Bank Bus Stop Improvements, Jefferson Parish, LA
- Greenlawn Terrace Elementary School Topographic Survey, Kenner, Jefferson Parish, LA
- Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA
- Haynes Academy School, Metairie, Jefferson Parish, LA
- East Bank Bus Stop Improvements - Additional Sites, Jefferson Parish, LA
- Chateau Estates Elementary School, Kenner, Jefferson Parish, LA
- Fire Station No. 12, Jefferson Parish, LA
- New Construction (9 Lots), Jefferson Parish, LA
- Little Farms Gymnasium, Jefferson Parish, LA
- New West Bank Animal Shelter, Jefferson Parish, LA
- FEMA Elevation Certificates (Multiple Structures; Various Campuses), Jefferson Parish Public Schools
- East Jefferson High School Courtyard Improvements, Metairie, Jefferson Parish, LA
- Jefferson Parish Recreation Department Office, Metairie, Jefferson Parish, LA

TEC Professional Services Questionnaire

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

- FEMA Elevation Certificate for Fisher School, Jefferson Parish Public School System, Jefferson Parish, LA
- East Jefferson General Hospital, Metairie, Jefferson Parish, LA
- Haynes Academy School - Additional Building, Metairie, Jefferson Parish, LA
- Bridge City Fire Training Facility - FEMA Certificate, Bridge City, Jefferson Parish, LA
- Bridge City Fire Training Facility - Slab Certificate, Bridge City, Jefferson Parish, LA
- Parish-Wide Safe House Program (Multiple Locations), Jefferson Parish, LA
- Fire Station No. 38, Jefferson Parish, LA
- Peter C Bertucci Elementary School (Ames Farms/Lower Estelle Plantation), Jefferson Parish, LA
- New Facility (15 Acres), Jefferson Parish, LA
- Lincoln Elementary School, Marrero, Jefferson Parish Public Schools, Jefferson Parish, LA
- Grace Elizabeth King High School, Jefferson Parish, LA
- Kate Middleton School - 3D Scanning Services (Building Interior), Gretna, Jefferson Parish, LA
- Parish School Board Facilities Building Complex, Gretna, Jefferson Parish, LA
- Memorial Baptist Church and School, Jefferson Parish, LA
- The New Liberty - Gretna No. 2 Academy, Jefferson Parish, LA
- West Jefferson Medical Center (WJMC) Emergency Generators, Jefferson Parish, LA
- Woods Elementary School, Kenner, Jefferson Parish, LA
- Grand Isle Multiplex Center, Jefferson Parish, LA
- West Bank Regional Library, Harvey, Jefferson Parish, LA
- Woodmere Community Center - Parcel K, Woodmere Subdivision Section 1, Jefferson Parish, LA
- Jefferson Parish Sheriff's Office at Parc Des Families, Jefferson Parish, LA
- Lasalle Rest Room Building, Jefferson Parish, LA
- Kate Middleton School - 3D Scanning Services (Building Exterior), Gretna, Jefferson Parish, LA
- Patrick Taylor School, Jefferson Parish Public Schools, Jefferson Parish, LA
- West Jefferson Medical Center, Jefferson Parish, LA
- Harold Keller Elementary School, Metairie, Jefferson Parish, LA
- Sunlake Apartments, Metairie, LA
- Mike Miley Softball - Concession Stand, Metairie, Jefferson Parish, LA
- Joshua Bulter Elementary School, Bridge City, Jefferson Parish, LA
- Fire Department Garage/Fire Training Center, Jefferson Parish, LA
- Lafitte Arts Center, Jefferson Parish, LA
- Betucci School Site, Jefferson Parish, LA
- Bridge City Elementary School, Jefferson Parish, LA
- Jefferson Parish Administrative Building, 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)**

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

Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA. BFM prepared site-specific topographic surveys for twelve separate Jefferson Parish school locations throughout the Parish. Scope included establishing the nearest property line 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)

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

Parc Des Familles Visitor Center (Proposed Location Survey), Jefferson Parish, LA. BFM provided topographic surveying services to help establish the proposed project site for the project site, located at 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)

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)

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:

Gary J. Lambert, Jr., PLS

Vice President / Registered Professional Land Surveyor

Project Assignment:

Project Manager/Drafting Supervisor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

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

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

Education: Degree(s)/Year/Specialization:

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

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

Active Registration: Year first registered/discipline:

2021, Professional Land Surveyor (Louisiana No. 5929)

Other experience and qualifications relevant to the proposed Project:

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

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

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

TEC Professional Services Questionnaire

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

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

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

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

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:

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

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)

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

TEC Professional Services Questionnaire

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

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)

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)

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)

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

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

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)

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)

BFM Corporation, LLC | 2008 to present
Delle Land Surveying | 2007 to 2008

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:

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.

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)

Airline Park Elementary School Resubdivision & Site-Specific Topographic Survey, Metairie, Jefferson Parish, LA. BFM was selected by the JPPSS to prepare a Resubdivision & Site-Specific Topographic Survey at the Airline Park Elementary School in Jefferson Parish. The scope of services included execution of a resubdivision survey, which combined Lot 7, Lot 8, and Lot Z, Square 217,

TEC Professional Services Questionnaire

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

Airline Park North Subdivision, into one lot of record). The topographic survey included baseline, CBM, spot elevations, location of improvements & utilities, and natural elements. Deliverables included plan & baseline profile, Three-Point Tie Worksheets, the CBM certificate, and a Metes-and-Bounds Legal Description for the resubdivided lot. A later phase of this project (executed under separate contract) involved New Parking Lot and Drainage for the site. This survey located additional drainage elements with invert data in addition to curb and gutter elevations, as well as location of the inlet. (\$16,890 (fees); 2021)

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

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

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

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)

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)

Bridge City Fire Training Facility – FEMA Certificate, Bridge City, Jefferson Parish, LA. BFM provided surveying services required to issue a FEMA Certificate for the site. (\$350 (fee); 2018)

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)

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

Education: Degree(s)/Year/Specialization:

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

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

Dawn Hoffman serves as BFM's primary researcher and has more than 25 years of experience in this field. She is extremely knowledgeable with researching in various parishes and cities.

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

St. Ville Elementary School (formerly Helen Cox High School) Surveying Services, Harvey, Jefferson Parish, LA. BFM provided surveying services for the project site, including an Elevation Survey with Construction Benchmark (CBM), locating the exterior of the existing gymnasium, and preparing an Elevation Survey with spot elevation for differential settlement changes. Boundary and topographic survey was executed, establishing a new CBM and Temporary Benchmark (TBM)

TEC Professional Services Questionnaire

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

on site. Utilities were located. A Route Topographic & Right-of-Way Survey was executed establishing baseline, TBMs, and locating existing improvements as well as above-ground & underground utilities and drainage, sewerage, & water structure pipes. Property corners were located to establish right-of-way and servitudes/easements. (\$45,500 (cumulative fee); 2024)

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)

Marerro 911 Center, Jefferson Parish, LA. BFM provided topographic surveying services for the project, located at 5698 Belle Terre Road. Scope included establishing two TBMs, 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)

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)

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Brandon Silva
Professional Surveyor Apprentice

Project Assignment:

Surveyor Apprentice

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

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

BFM Corporation, LLC | 2022 to present

Education: Degree(s)/Year/Specialization:

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

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

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

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

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

TEC Professional Services Questionnaire

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

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

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

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



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.

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

TEC Professional Services Questionnaire

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

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

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)

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)

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)

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)

Greenlawn Terrace Elementary School Topographic Survey, Kenner, Jefferson Parish, LA. BFM Corporation provided Topographic Surveying services for the project site; the overall survey scope included establishing a baseline, Construction Benchmark (CBM), Temporary Benchmark (TBM), spot elevations, and location of improvements, utilities, and applicable trees. BFM further located property corners to verify Right-of-Way (R/W) and property line. (\$11,570 (fee); 2021)

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.

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

TEC Professional Services Questionnaire

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

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)

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)

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)

East Bank Bus Stop Improvements, Jefferson Parish, LA. BFM's surveying services involved topographic surveying (25 ft grid) for multiple bus stop locations (KL162, KL178, KL24, KL29, KL30, KL32, AP4, KL13, KL181, KL172, AP108). (\$17,091 (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)

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)

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)

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).

Parish-Wide Safe House Program, Jefferson Parish, LA. BFM provided surveying services associated with elevated safe houses at multiple locations throughout Jefferson Parish; this was part of a Parish-wide project to establish safe houses for pumping stations at multiple locations which will allow pump operators to safely remain at their station, ensuring the pumps continue to operate, during a hurricane event. (\$112,490 (fee); 2005 - 2007)

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

TEC Professional Services Questionnaire

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

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)

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)

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)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Eric Gladney II
Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

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

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

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

TEC Professional Services Questionnaire

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

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

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

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)

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)

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

FEMA Certificate, Audubon Nature Institute Research Facility, New Orleans, LA. BFM prepared a FEMA Elevation Certificate for the Albeit Building, a research facility. (\$600 (fee); 2018)

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:	
EAT Fat City Center and Transportation Hub Project (Resubdivision) , Metairie, Jefferson Parish, Louisiana Jefferson Parish 1221 Elmwood Park Blvd Ste 1014 Jefferson LA 70123 Kyle Culverhouse , 850-777-0746 kyleculverhouse@gmail.com	BFM prepared a Resubdivision Survey for the project; the first phase included provision of a boundary survey (as per Louisiana Administrative Code) and included multiple lots on both Division Street and Hessmer Avenue. Phase 2 included resubdivision of said lots into three lots-of-record as per Parish directive, and involve establishing baseline, setting CBMs, location of improvements and utilities as well as trees, and taking spot elevations. In addition to the plan and baseline profiles (AutoCAD), BFM provided a Three-Point Tie Worksheet, as well as Construction Benchmarks and Metes-and-Bounds Legal Descriptions for each new lot of record.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
July 2023	N/A	\$53,950 (fee)

PROJECT NO. 2

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Marrerro 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. The scope of services included establishing two TBMs, 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:	
	Entire Project:	Work for which Firm was Responsible:
June 2017	N/A	\$8,793 (fee)

TEC Professional Services Questionnaire

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

PROJECT NO. 4		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Airline Park Elementary School Resubdivision & Site-Specific Topographic Survey , Metairie, Jefferson Parish, Louisiana Jefferson Parish Schools 4600 River Road Marrero LA 70072 Douglas L. Stream , 504-799-5577 douglas.stream@jpschools.org	BFM's scope included execution of a resubdivision survey, which combined Lots 7, 8, and Z, Square 217, Airline Park North Subdivision, into one lot of record). The topographic survey included baseline, CBM, spot elevations, location of improvements & utilities, and natural elements. Deliverables included plan & baseline profile, Three-Point Tie Worksheets, the CBM certificate, and a Metes-and-Bounds Legal Description for the resubdivided lot. A later phase (executed under separate contract) involved New Parking Lot and Drainage for the site. This survey located additional drainage elements with invert data in addition to curb and gutter elevations, as well as location of the inlet.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2021	N/A	\$16,890 (fees)

TEC Professional Services Questionnaire

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

PROJECT NO. 6		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Marrero Wastewater Treatment Plant Operations Building , Jefferson Parish, Louisiana Digital Engineering & Imaging, Inc. 527 W. Esplanade Ave., Ste. 300 Kenner LA 70065 Timothy Smith , 504-468-6129 tsmith@deii.net	BFM's surveying services for the project, located on the West Bank of Jefferson Parish in Marrero, included obtaining title data, supplementing with courthouse research as needed. The field survey involved plotting of servitudes and location of improvements, as well as utilities and drainage. Data from the field survey was processed and compared with the title information. Boundary surveying included monumentation and establishing both temporary benchmarks & construction benchmark as well as surveying elevations. Deliverables included indelible prints and AutoCAD DWG format drawing files.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2015	N/A	\$8,573 (fee)

TEC Professional Services Questionnaire

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

PROJECT NO. 8		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Proposed Lafreniere Park Food Pavilion, Metairie, Jefferson Parish, Louisiana Meyer Engineers Ltd. 4937 Hearst Avenue, Suite 1B Metairie LA 70001 Jennifer Wickham, 504-885-9892 jwickham@meyer-e-l.com	BFM prepared a site-specific topographic survey for the project site. The scope of services included location of utilities (water & sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark (TBM) and Construction Benchmark (CBM), locating existing improvements, natural elements, and other topographic features.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2020	N/A	\$9,050 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
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, Suite 130 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, and; taking final form 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. 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, LiDAR and photogrammetry, and high-definition laser scanning. BFM further offers a complete Builder's Package (featuring boundary survey and certificates for construction benchmark (CBM), form board, top-of-slab, and final FEMA elevation) as well as construction layout and stakeout services for any construction project, large or small.

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

Our capabilities include the following and more:

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

TEC Professional Services Questionnaire

N. continued.

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

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

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

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

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

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

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

CRITERIA 2 | SIZE OF FIRM

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

TEC Professional Services Questionnaire

N. continued.

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

CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION

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

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

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

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

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

CRITERIA 4 | PAST PERFORMANCE ON 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, Public Works Department, Jefferson Parish

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

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

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

Ben Lepine, Acting Director, Drainage Department, Jefferson Parish

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

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

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

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

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

José A. Gonzales, CAO, City of Kenner

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

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

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

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

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

Signature: 

Print Name: Chad M. Poché, P.E.

Title: Executive Vice President

Date: December 12, 2024