

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-036, Resolution No. 145324, Professional Architectural and Engineering Services on an As Needed Basis for Architectural Type Projects Located Throughout the Parish

B. Firm Name & Address:



404 East Gibson Street, Suite 01
Covington, Louisiana 70433

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

Justin Greenleaf, Owner | Principal
Louisiana Licensed Architect #7779
e: jgreenleaf@greenleafarch.com
o: 985-778-2080
c: 985-705-1635

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.

Logan Pittman, Project Architect
Louisiana Licensed Architect #8985
e: lpittman@greenleafarch.com
o: 985-778-2080
c: 864-497-6719

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

<input type="checkbox"/> 2 Administrative	<input type="checkbox"/> Estimators	<input type="checkbox"/> Specification Writers
<input type="checkbox"/> 4 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"/> 2 Interior Designers	<input type="checkbox"/> 6 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"/> 14 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.
N/A

2.

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

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

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. Salas O'Brien 541 Julia Street #200 New Orleans, Louisiana 70130	Mechanical, Plumbing, Electrical, + Structural Engineering	Yes
2. High Tide Consultants, LLC 700 Canal Boulevard Thibodaux, Louisiana 70301	Civil Engineering	Yes
3. Eustis Engineering, LLC 3011 28th Street Metairie, Louisiana 70002	Geotechnical Engineering	Yes

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

12

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:

Justin Greenleaf, Owner | Principal

Project Assignment:

Principal in Charge

Name of Firm with which associated:

Greenleaf Architects

Years' experience with this Firm:

10 years

Education: Degree(s)/Year/Specialization:

Bachelor of Architecture - Louisiana State University 2009

Active registration: Year first registered/discipline:

Year First Licensed: 2012 in Architecture

Other experience and qualifications relevant to the proposed Project:



Justin, our fearless leader, founded Greenleaf Architects in 2015 after earning his degree from LSU's School of Architecture in 2009. Under his leadership, the firm has grown into the largest in St. Tammany Parish and a regionally recognized award-winning practice. In addition to leading Greenleaf, Justin has served on the AIA Board of Directors as the Louisiana State Delegate and on the Leadership St. Tammany Board of Trustees. Known for embracing new technologies and fostering a collaborative work environment, he challenges his team to excel. Deeply committed to his community, Justin actively supports local fundraisers, nonprofits, and community projects, driving Greenleaf's continued

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	Kyle Schroeder, Director of Design Project Architect
Project Assignment:	As required
Name of Firm with which associated:	Greenleaf Architects
Years' experience with this Firm:	8.5 years
Education: Degree(s)/Year/Specialization:	Bachelor of Architecture - Louisiana State University 2016
Active registration: Year first registered/discipline:	Year First Licensed: 2022 in Architecture
Other experience and qualifications relevant to the proposed Project:	
	Kyle Schroeder has been a key part of Greenleaf since 2016, contributing his expertise in design, project management, and construction administration. Known for his strong communication and collaboration skills, Kyle ensures projects run smoothly from concept to completion. What sets Kyle apart is his attention to detail and ability to find innovative solutions for complex challenges. He balances artistic vision with technical requirements, anticipating issues to keep projects on track. His use of 3D renderings and visualizations helps clients better understand their projects, ensuring that every phase runs smoothly and exceeds expectations.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	Joel Edwards, Studio Manager Project Architect
Project Assignment:	As required
Name of Firm with which associated:	Greenleaf Architects
Years' experience with this Firm:	3.5 years
Education: Degree(s)/Year/Specialization:	Bachelor of Architecture - Louisiana State University 2008
Active registration: Year first registered/discipline:	Year First Licensed: 2023 in Architecture
Other experience and qualifications relevant to the proposed Project:	
	Joel is a dedicated and accomplished Licensed Architect with a remarkable 19-year career in the field of architecture, showcasing expertise in a wide array of architectural tasks. Joel has a proven track record of success in design, project management, and construction administration, ensuring the seamless execution of projects from inception to completion. Adept at collaborating with owners, contractors, and consultants, consistently ensuring their satisfaction throughout every phase of the architectural process.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Logan Pittman, Project Manager Architect	
Project Assignment:	
As required	
Name of Firm with which associated:	
Greenleaf Architects	
Years' experience with this Firm:	
9.5 years	
Education: Degree(s)/Year/Specialization:	
Bachelor of Arts in Architecture - Clemson University 2011 Masters of Architecture - Louisiana State University 2013	
Active registration: Year first registered/discipline:	
Year First Licensed: 2018 in Architecture	
Other experience and qualifications relevant to the proposed Project:	
	Logan Pittman excels in developing new construction, renovations, and phased projects. Her strong work ethic and collaborative spirit foster effective relationships with clients and consultants, ensuring timely project delivery. With a diverse portfolio, Logan balances functionality and aesthetics to create spaces that meet occupants' needs. Her attention to detail and proactive problem-solving skills allow her to anticipate challenges, keeping projects on schedule and within budget. By combining technical expertise with creative vision, Logan not only designs structures but also crafts meaningful experiences, making her a valuable asset.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Theresa Maryan, Interior Designer	
Project Assignment:	
As required	
Name of Firm with which associated:	
Greenleaf Architects	
Years' experience with this Firm:	
4 years	
Education: Degree(s)/Year/Specialization:	
Bachelor of Interior Design - University of Southern Mississippi 2014	
Active registration: Year first registered/discipline:	
Year First Licensed: 2022 in Interior Design	
Other experience and qualifications relevant to the proposed Project:	
	Theresa is a highly skilled and passionate Interior Designer with a focus on creating personalized and functional spaces that truly reflect her clients' needs and preferences. With a deep commitment to her clients' best interests, Theresa excels at understanding their unique requirements and translating them into spatially and aesthetically tailored designs. Her expertise lies in furniture and finish specification, programming, and space planning, ensuring every aspect of the design process is meticulously crafted to perfection.

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Expansion and Renovation for Clearview City Center 4436 Veterans Boulevard Metairie, Louisiana 70006</p> <p style="text-align: center;">Owner: Richards Clearview, LLC Thomas Richards trichards@clearviewcenter.com</p>	<p>Professional of Record (POR); Clearview City Center will offer a modern shopping and hospitality experience for the Metairie area. This new facility will feature well-known tenants from the restaurant and retail sectors, delivering an upscale and contemporary shopping destination for visitors from the Greater New Orleans region and beyond.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2027 (Estimate)	\$50,000,000.00 (Estimate)	Full service architectural and interior design

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Zea Rotisserie & Bar 4436 Veterans Boulevard Metairie, Louisiana 70006</p> <p style="text-align: center;">Owner: Richards Clearview, LLC Thomas Richards trichards@clearviewcenter.com</p>	<p>Professional of Record (POR); This project consist of a complete new build of approximately 6,500 SF of interior space and an additional 1,000 SF of outdoors space. Scope of work included from site planning through final interior detailing, ensuring a cohesive and functional design tailored to Zea's operational and branding needs.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025 (Estimate)	\$2,437,500.00 (Estimate)	Full service architectural and interior design

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Magnolia Trace Elementary School Additions 1405 LA-1088 Mandeville, Louisiana 70448</p> <p>Owner: St. Tammany Parish School Board Cameron Tipton Cameron.Tipton@stpsb.org</p>	<p>Professional of Record (POR); This project included renovating the existing administration building and replacing outdated modular classrooms with a new two-story, 62,917 SF classroom addition. The expansion provides modern, permanent educational spaces to meet growing student needs.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	\$15,339,000.00	Full service architectural and interior design

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>City of Mandeville City Hall 3101 E Causeway Approach Mandeville, Louisiana 70448</p> <p>Owner: City of Mandeville Cara Bartholomew cbartholomew@cityofmandeville.com</p>	<p>Professional of Record (POR); is project involves the renovation and expansion of the City Hall building, increasing the total area from 9,320 square feet to 18,311 square feet. The renovation includes asbestos abatement, a new gabled roof, fire sprinkler system, updated HVAC, and ADA-compliant improvements. Additionally, secure key access doors and energy-efficient materials will be used for the exterior. The expansion will provide enhanced emergency support spaces, ensuring the building meets modern safety and environmental standards.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2027 (Estimate)	\$7,600,000.00 (Estimate)	Full service architectural and interior design

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Northshore Humane Society Harrison Avenue Covington, Louisiana 70433</p> <p style="text-align: center;">Owner: Northshore Humane Society Scott Bernier SBernier@nshumane.org</p>	<p>Professional of Record (POR); The new 24,000 SF facility will serve as a comprehensive rescue, shelter, and veterinary clinic. It will feature public amenities, including dog parks, nature trails, and courtyards, along with over 80 new kennels to support animal care in the community.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2026 (Estimate)	\$10,000,000.00 (Estimate)	Full service architectural and interior design

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>New Louisiana State Police Troop L Facility 2600 N Causeway Boulevard Mandeville, Louisiana 70471</p> <p style="text-align: center;">Owner: State of Louisiana, Division of Administration David Poche</p>	<p>Professional of Record (POR); This project involves constructing a new 25,000 SF facility for Troop L of the Louisiana State Police in Mandeville, along with the demolition of the existing building. The site development includes a master plan featuring the new facility, a mechanic garage, helipad, site generator, and radio tower hut, while integrating several existing structures.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2026 (Estimate)	\$22,000,000.00	Full service architectural and interior design

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Ampirical Headquarters 1654 Ochsner Boulevard Covington, Louisiana 70433 Owner: Ampirical Matthew Saacks msaacks@ampirical.com	Professional of Record (POR); The \$20 million, 77,000 SF, 3-story office building in Covington, LA, offers a contemporary design with floor-to-ceiling windows, spacious layouts, and advanced technology. Its open interiors feature collaborative workspaces, training areas, and large meeting rooms, fostering a positive and innovative atmosphere. The exterior combines clean lines, neutral tones, and vibrant accents, while expansive windows fill the space with natural light, creating an open, airy feel.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	\$20,000,000.00	Full service architectural and interior design

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
KIA of Covington 69010 HWY 190 Service Road Covington, Louisiana 70433 Owner: Happy KIA Kevin Szura kszura@happykia.com	Professional of Record (POR); This project involved the construction of a 28,500 square-foot KIA dealership in Covington, LA, including the development of 5 acres for inventory parking. The two-story building features a showroom, sales area, parts storage, and an air-conditioned service shop with advanced technology. The facility also includes EV chargers and dedicated areas for electric vehicle servicing. It is the first KIA dealership in the U.S. to incorporate the brand's new image.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025	\$10,375,676.96	Full service architectural and interior design

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Globalstar Headquarters 1351 Holiday Square Boulevard Covington, Louisiana 70433</p> <p>Owner: Globalstar Jim Seese (former Vice President of Administration) 504-628-6939</p>	<p>Professional of Record (POR); This 66,000 SF total (3 stories) headquarters features a contemporary design with high-end interior finishes and extensive use of modular walls. The exterior showcases a curtain-wall glazing system and metal panels, providing a sleek and modern appearance. The project utilized Building Information Modeling (BIM) technology for comprehensive coordination of structural, architectural, mechanical, electrical, sprinkler, and plumbing systems, resulting in efficient construction with minimal conflicts.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	\$12,237,129.00	Full service architectural and interior design

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Southeast Urology Hammond Clinic 42439 Pelican Professional Park Hammond, Louisiana 70403</p> <p>Owner: Southeast Louisiana Urology Associates Jason Chiang Jchiang07@gmail.com</p>	<p>Professional of Record (POR); The new 7,300 SF clinic is designed to serve patients of three doctors, featuring state-of-the-art medical spaces with nine exam rooms, three procedure rooms, a lab, and nurses' stations. The facility offers a comfortable, well-lit environment to enhance the patient experience.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$2,842,230.00	Full service architectural and interior design

TEC Professional Services Questionnaire

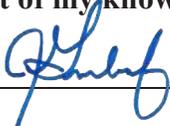
M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

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

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

Refer to additional attachment for more firm information and qualifications.

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

Signature:  Print Name: Justin Greenleaf

Title: Owner | Principal Date: 12/19/2024

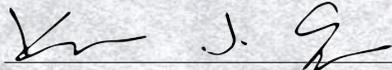
State of Louisiana
Board of Architectural Examiners

The firm whose name appears on this certificate is in compliance with the provisions of the Louisiana State Board of Architectural Examiners' Licensing Law and Rules and Regulations and is duly registered and entitled to practice architecture in the State of Louisiana.

CERTIFICATE OF AUTHORITY NO. AC0826

EXPIRES June 30, 2025

Greenleaf Architects, APAC



President



Secretary



Executive Director



Date

May 2, 2024

Fee Paid

\$75.00

THIS CERTIFICATE EXPIRES ON THE DATE LISTED ABOVE

State of Louisiana
Board of Architectural Examiners



Registration No. AC0826

Expires June 30, 2025

Greenleaf Architects, APAC

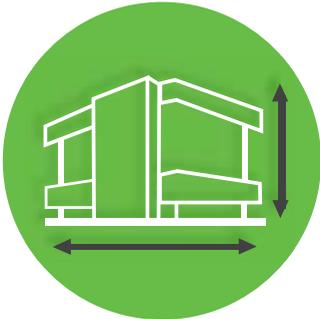
The above named is duly registered and entitled to practice Architecture in the state of Louisiana until the indicated expiration date.



Executive Director



Our **FULL-SERVICE** design and consultation firm is interested in **PUSHING BOUNDARIES**, creating an **EXPERIENCE** more than simply drawings, and guiding clients through the design and construction process.



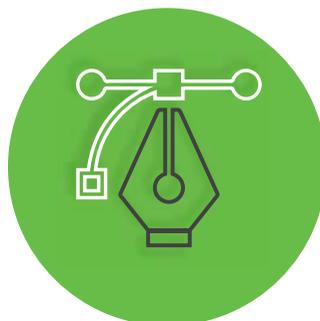
ARCHITECTURE

Drawings are our tool, and creative thinking is our skill. Utilizing technology, we turn **YOUR VISION INTO REALITY**. Licensed from Texas to Florida, our architects specialize in bringing concepts to life through a refined, detailed process. We guide owners step-by-step, ensuring clear **COMMUNICATION** and informed decisions about time, budget, materials, and construction. Planning, design and constructing should not be overwhelming or a financial bear with the guidance of Greenleaf Architects.



INTERIOR DESIGN

The Interior Design profession demands technical expertise **BEYOND** selecting finishes. Having licensed Interior Designers on our team ensures we meet client needs. Our qualified professionals and interns, backed by education, experience, and certification, specialize in designing non-structural interior projects. We focus on creating code-compliant, accessible, and inclusive environments that prioritize public health, safety, and well-being through careful planning, analysis, and design management.



PROJECT MARKETING & GRAPHIC DESIGN

Looking for a **FRESH** perspective on your space and marketing approach? Let's complete the picture. Consistency signals professionalism and helps cut through the noise to capture attention. Our team ensures your message is **CLEAR** and consistent across all office graphics and marketing materials, from print to digital. We create **BRAND COHESIVENESS** that engages your audience effectively.

HOW DO WE COMMUNICATE THE DESIGN INTENT?



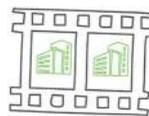
DIGITAL
RENDERINGS



360 DEGREE
PANORAMAS



DIGITAL
WALK-THROUGHS



ANIMATIONS



FURNITURE
SELECTION,
DESIGN &
SPECIFICATION



SIGNAGE
WAY-FINDING
SOLUTIONS



LIGHTING
SELECTION
& DESIGN

01

ON-BOARDING MEETING

As we input your project into our system our team takes great meeting minutes so you don't have to.



02

ESTABLISH THE POINT OF CONTACT

Meet your direct line of project communication. Elevating the project experience.



03

BUILD DOCUMENT MANAGEMENT

Every project element is filed in our cloud-based management system to ensure easy and efficient access throughout.



04

CREATE THE PROJECT SCHEDULE

Let our team identify timelines, coordinate the moving parts, and set the milestones.



05

KICK-OFF TEAM MEETING

This initial meeting introduces the project to the design team to devise a plan to execute.



THE GREENLEAF PROVEN PROCESS

06

WE "BUILD IT" BEFORE YOU DO

Your building is built digitally first utilizing firm-wide procedures paired with 3D technology throughout each phase of production.



07

QUALITY CONTROL

Our system of many checks and balances alerts to clashes digitally - not in the field.



08

CONSTRUCTION COORDINATION

Our design team works hand-in-hand with the contractor to guarantee on-field success from construction administration to completion.



09

PROJECT PROMOTION

We let the community know what's to come as we celebrate alongside you from the kickoff, to the ribbon cutting, and beyond!



Our **RESPONSIBILITY** and **PASSION** is to bring your **DREAM** to **REALITY**.



INNOVATION



COLLABORATION



EXCEED EXPECTATIONS



IMPACT



FRESH



DEDICATION

OUR RESPONSIBILITY

Our goal is to turn your vision into reality by understanding your needs and preferences. Our services are an investment that adds **VALUE** to your project, attracts quality employees, and helps your team work efficiently.

We provide practical, cost-effective solutions through organized meetings to set your project up for success. Once the design is approved, we'll present a clear timeline with phases, deadlines, and deliverables.

With a solid plan, our team will ensure the **PROJECT STAYS ON TRACK AND ON BUDGET**, coordinating closely with you and your contractor. Success is achieved when the facility serves its purpose completely.

FROM COMPLEXITY TO CLARITY: STREAMLINED DESIGN SOLUTIONS

BALANCING AESTHETICS & FUNCTION

Ensuring designs are both visually appealing and practical.

COLLABORATIVE SOLUTIONS

Seamlessly integrating input from stakeholders and consultants.

COMPREHENSIVE DESIGN

Addressing site, environmental, and program needs in cohesive solutions.

CREATIVE PROBLEM SOLVING

Overcoming site, structural, and multi-use design challenges.

TECHNICAL EXPERTISE

Using advanced tools for precise visualization and execution.

FLEXIBLE DESIGN

Creating adaptable solutions for future changes or challenges.

DETAIL-ORIENTED

Ensuring cohesive, conflict-free design components.

SYSTEMS INTEGRATION

Coordinating systems for efficiency, function, and aesthetics.

EFFICIENT WORKFLOW

Streamlining processes to meet deadlines and milestones.



“The young professionals of Greenleaf Architects are creative, caring, with cutting edge technology and a hometown spirit. They approach business and community with consistent positive progression.”



Vicky Gehbauer

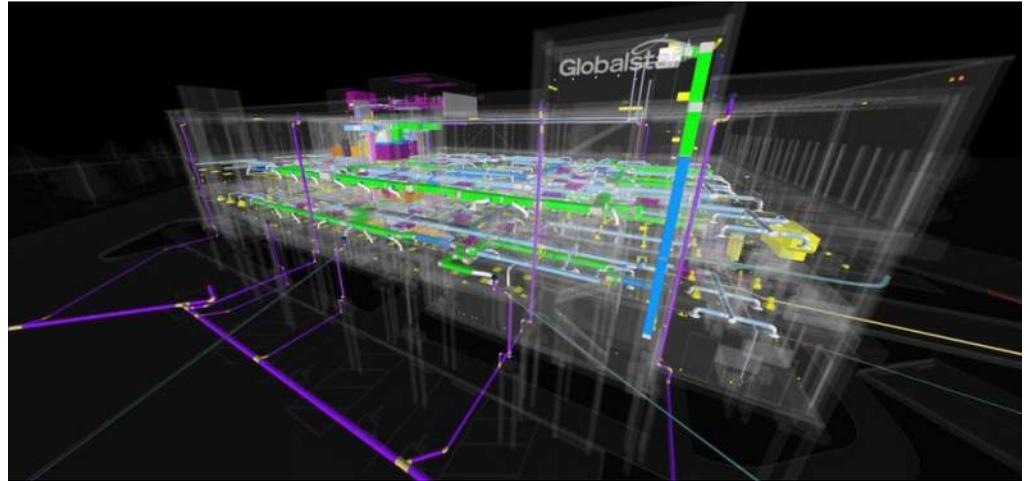
Senior Director - Corporate
Facilities & Wellness
Globalstar



Have comfort in **KNOWING** you are making proper **DESIGN** decisions.

BUILDING INFORMATION MODELING

- In-House Tool
- Time Saver
- Clash Detection
- Improved Productivity
- Study Thermal Comfort
- Collaborate in Real Time
- Improve Building Performance



This intelligent 3-Dimensional model-based **PROCESS** provides architects, engineers, and construction professionals the insight to plan more efficiently.

We build your design before you build it

Buildings have been designed for years with paper and pencil. That can be done, but it may cost you time, money, or result in a product that you are less than satisfied with. Why not view every detail of your building digitally and 3-Dimensionally before beginning construction?

Paired with young **FRESH** ideas that transcend time, Greenleaf Architects solutions see beyond physical or financial limits. Integrating through the initial stages of design, through intelligent model-based Building Information Modeling **BIM**. Efficiently locating clashes between trades; allowing **COLLABORATION** in real-time, while ultimately improving building performance. This 3D modeling program allows us to digitally build before construction, making decisions easier and less expensive. This is then taken a step further by producing realistic renderings, building walk-throughs, and site flyovers.

“I want to thank the entire project team. Greenleaf has done a phenomenal job. One of the reasons we went with Greenleaf from the beginning was the fact they designed in Revit. We gave them an idea on the phone of what we were looking for, and they showed up with 3D renderings that were almost like they were in our heads!”



Kenny Pullen

Former Strategic Development
Florida Marine Transporters

It's an **ARCHITECT'S** responsibility
to bring all of the **TOOLS** to the table.

Our team chooses to work **EXCLUSIVELY** in Revit. The implementation of the latest technology is something that sets our firm apart, especially because we use it for all its advantages. This includes but is not limited to solar studies, interior light studies, and clash detection. Our consultants also model everything digitally in the field. This reduces coordination issues and change orders while giving us the ability to view 3D models on site at job site meetings for **COORDINATION** with your general contractor. We find that adding 3D drawings to our set of drawings significantly helps the general contractor understand the scope during the bidding and construction process. We experience the world in 3D, why only design it in 2D?



With **COMMUNICATION** as the foundation, we can maintain **PROJECT SCHEDULES**, and **OWNER BUDGETS**. Regardless of size and scope. This involves open lines of communication maintained with both the owner, the team, and the contractor.



We design spaces that have **POSITIVE** effects on the way an occupant **VIEWS** and **EXPERIENCES** space.

Having an **INTERIOR DESIGN DEPARTMENT** allows our team to better cater to our client. With this specialized knowledge integrated within our design team, we can study a client's business drivers and incorporate these findings into a space that promotes wellbeing, enhances the human experience, and in hand creates a space where our client's businesses will flourish.



FURNITURE COORDINATION

Working with a furniture dealer as a direct consultant of the design team brings success for all parties involved. Furnishings are coordinated with the designer/dealer team from the beginning of the project in a design + assist fashion. Concepts are developed based on programmatic, human-centric needs that support and enhance the human experience throughout the space, all while continuously addressing budgetary concerns.



VIDEOGRAPHY

We provide clients with in-house produced media for building excitement, collecting funds, and receiving design approval. Examples of client work range from producing a full documentary-style sit-down interview for awareness and fundraising, to highlighting recent renovations, new construction and services, design concepts, construction progress highlights, logo animations, and beyond!

PLEASE SCAN THE QR CODES TO VIEW OUR SELECTED VIDEO PORTFOLIO.



**DESIGN CONCEPT PRESENTATION
MANDEVILLE CITY HALL**



**AWARENESS OF RENOVATIONS + SERVICES
PAN-AMERICAN LIFE CENTER BUILDING - 11th FLOOR**



**DESIGN CONCEPT PRESENTATION
FACILITY FOR LCMC**



**3D MODEL TOUR
OUR LADY OF THE LAKE PHYSICIAN GROUP CLINIC**



**DESIGN CONCEPT PRESENTATION FOR FUNDRAISING
FOR MANDEVILLE HIGH FIELD HOUSE**



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Jefferson Parish Misc. Arch. and Eng. Services As-Needed, RFQ Number: 24-036, Resolution No. 145324

B. Firm Name & Address:

Salas O'Brien LLC
541 Julia St.
Suite 200
New Orleans, LA 70130



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:

David Bonaventure, PE, CEM, Principal
E | david.bonaventure@salasobrien.com
P | 225.372.6961

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.

David Bonaventure, PE, CEM, Principal
E | david.bonaventure@salasobrien.com
P | 225.372.6961

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

<u> 2 </u> Administrative	<u> </u> Estimators	<u> 1 </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> 4 </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> 1 </u> Graduate Engineers
<u> </u> Civil Engineers	<u> </u> Interior Designers	<u> 1 </u> Project Managers
<u> </u> Construction Inspectors	<u> </u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> 4 </u> Electrical Engineers	<u> 8 </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u> 5 </u> Engineer Intern	<u> </u> Environmental Engineers	<u> 25 </u> Other
<u> </u> Professional Land Surveyors		<u> 51 </u> TOTAL

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

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

TEC Professional Services Questionnaire

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

1. N/A

2.

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

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

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. Salas O'Brien LLC 541 Julia St. Suite 200 New Orleans, LA 70130	Mechanical, Electrical and Plumbing Engineering Design	Yes
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:

David Bonaventure, PE, CEM
Managing Principal - Director of Baton Rouge and New Orleans Offices

Project Assignment:

Principal in Charge

Name of Firm with which associated:

Salas O'Brien

Years' experience with this Firm:

24 Years

Education: Degree(s)/Year/Specialization:

Master of Business Administration, University of Houston (2003); Bachelor of Science, Mechanical Engineering, Louisiana State University (1999)

Active registration: Year first registered/discipline:

PE, LA #: 0031064
First Issued: 2004

Other experience and qualifications relevant to the proposed Project:



David joined Salas O'Brien in 2000 and is a Managing Principal of the southern region offices, leading a team of over 40 engineering and technical staff in Louisiana. He is a professional mechanical engineer with experience in management, design, and specifications of both large and small projects. As a Certified Energy Manager (CEM) for over a decade, David is dedicated to advancing energy-efficient practices.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Joe Starring, PE
Project Manager

Project Assignment:

Project Manager - Mechanical Engineering

Name of Firm with which associated:

Salas O'Brien LLC

Years' experience with this Firm:

1 Year

Education: Degree(s)/Year/Specialization:

Bachelor of Science, Mechanical Engineering, Louisiana State University (2014)

Active registration: Year first registered/discipline:

PE, LA #: 43014
First Issued: 2018

Other experience and qualifications relevant to the proposed Project:

Joe Starring has recently joined Salas O'Brien as an experienced mechanical engineer with over 11 years in designing mechanical and plumbing systems. He has completed several large-scale projects in hospitality and education. Joe manages a multi-discipline team, ensuring clear communication between clients and the design team. With a commitment to high standards, he excels in solving complex engineering problems and delivering quality results.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Jacob Truax, PE Senior Vice President, Project Manager	
Project Assignment:	
Project Manager Electrical - Professional Engineer	
Name of Firm with which associated:	
Salas O'Brien	
Years' experience with this Firm:	
15 Years	
Education: Degree(s)/Year/Specialization:	
Bachelor of Science, Electrical Engineering, Louisiana State University (2010)	
Active registration: Year first registered/discipline:	
PE, LA #0040358 First Issued : 2015	
Other experience and qualifications relevant to the proposed Project:	
	Jacob joined Salas O'Brien in 2008 as an intern electrical engineer until he became a graduate electrical engineer in 2010. He then spent a little less than a year working as an electrical engineer for the Department of Energy in the Oak Ridge National Lab in Tennessee before eventually moving back to Baton Rouge and working for an industrial Engineering firm in the oil and gas industry. In July 2013, he returned to Salas O'Brien as an electrical engineer and project manager. He has designed, managed, and checked a variety of projects from commercial, retail, government facilities, industrial plant expansions as well as major retail developments and apartments/residential developments.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Brad Carville, PE Associate Vice President	
Project Assignment:	
Structural Project Manager	
Name of Firm with which associated:	
Salas O'Brien	
Years' experience with this Firm:	
6 Years	
Education: Degree(s)/Year/Specialization:	
Bachelor of Science, Civil Engineering, Louisiana State University, Baton Rouge, LA (2009)	
Active registration: Year first registered/discipline:	
PE, LA #38323 First Issued: 2013	
Other experience and qualifications relevant to the proposed Project:	
	Brad has more than 15 years of structural engineering experience, including engineering design, development of construction documents, project management, and construction administration services. He has experience in commercial, hospitality, healthcare, education, and multi-family sectors. Brad also performs structural assessments, capacity evaluation, and peer reviews.

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:	
LSU Food Incubator & Bottling Facility <i>Baton Rouge, LA</i> (Worked for Architect) Bailey & Associates Architects Roger Bailey 504.309.9213	Salas O'Brien provided Mechanical, Electrical, and Plumbing Engineering Services for Louisiana State University AgCenter Food Incubator. The expansion converted a 4,500-square-foot warehouse at the intersection of Gourrier Avenue and West Parker Boulevard on the LSU campus into a bottling plant. This new facility was designed to process up to 1,400 gallons of liquid products per day, significantly increasing production capacity for items such as dressings and beverages.	
Completion Date (Actual or estimated):	Estimated Cost: Fee: \$28,000	
	Entire Project:	Work for which Firm was Responsible:
2018	N/A	Mechanical, Electrical, and Plumbing Consulting Engineering Services

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
St. Francis Xavier Church Bell Tower <i>Metairie, LA</i> (Contracted to Architect) Finegan Architecture Steve Finegan 504.486.5744 stevef.architects@gmail.com	Salas O'Brien is providing structural engineering for a ground-up, 42-foot tall bell tower structure.	
Completion Date (Actual or estimated):	Estimated Cost: Fee: \$47,250	
	Entire Project:	Work for which Firm was Responsible:
2024	\$2,000,000	Structural Engineering

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Jefferson Parish Gretna Park Upgrades <i>Marrero, LA</i> (Worked for Architect) Manning Architects Tighe Kirkland 504.412.2000 tbk@manning.xyz	Salas O'Brien provided Mechanical, Electrical, Plumbing and Structural Consulting Engineering Services for Covid Memorial Park. The Memorial Park includes the Covid Memorial, the walking trail, parking stalls, and picnic shelters. The Farmer's Market includes the stage, canopies, benches, washing station, and parking area. The Kids Splash Zone includes the flow-thru splash zone facility and picnic shelters.	
Completion Date (Actual or estimated)	Estimated Cost: Fee: \$65,000	
	Entire Project:	Work for which Firm was Responsible:
06/2023	N/A	Mechanical, Electrical, Plumbing and Structural Consulting Engineering Services

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Audubon Zoo Capital One Pavilion <i>New Orleans, LA</i> (Worked for Architect) Eskew Dumez Ripple Architects Mike Johnson 504.561.5686 mjohnson@eskewdumezripple.com	The Capital One Field and Stage (or Audubon Zoo Pavilion) is located at Audubon Zoo in New Orleans adjacent to the Audubon Tea Room. Salas O'Brien worked as a subconsultant for Eskew Dumez Ripple Architects and the Audubon Nature Institute on electrical conceptual plans for improvements to the pavilion and surrounding area.	
Completion Date (Actual or estimated):	Estimated Cost: Fee: \$2,500	
	Entire Project:	Work for which Firm was Responsible:
02/2023	\$318,933.61	Electrical Engineering

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Jefferson Same Day Surgery Center Addition Metairie, LA (Contracted to Architect) AQ Studios Ferguson Cochran ferguson@aqteam.com	2,800-square foot one-story surgery center addition at the rear of the existing building with two operating rooms and an enclosed existing walkway.	
Completion Date (Actual or estimated):	Estimated Cost: \$17,750	
	Entire Project:	Work for which Firm was Responsible:
2025, est. (currently in design)	\$2,000,000	Structural Engineering

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Jefferson Parish Computer Lab Dorothy Watson Metairie, LA Manning Architects Travis Martin 504.412.2000 tlm@manning.xyz	Salas O'Brien provided Structural, Mechanical, Electrical and Plumbing Consulting Engineering Services for A new computer lab designed and constructed in the interior of the existing building.	
Completion Date (Actual or estimated):	Estimated Cost: N/A	
	Entire Project:	Work for which Firm was Responsible:
2023	Fee: \$3,000	Mechanical, Electrical and Plumbing Engineering Design

TEC Professional Services Questionnaire

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

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

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

Please See Additional Pages Attached

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

Signature:  Print Name: David Bonaventure, PE, CEM
 Title: Managing Principal Date: 12/16/2024

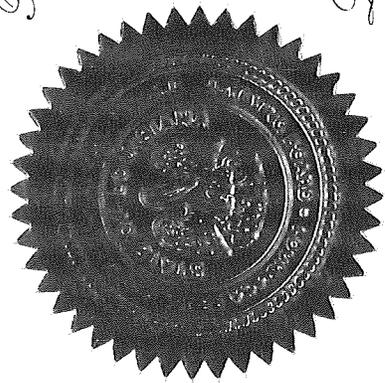
Louisiana Professional Engineering
and
Land Surveying Board

Hereby Certifies that

Salas O'Brien

has satisfied the applicable requirements and is therefore licensed as a
Professional Engineering Firm
and hereby entitled to practice engineering in the State of Louisiana.

Baton Rouge Louisiana. October 27, 2015



John W. Moore
Chairman

Henry H. Hurl
Secretary

License Number EF 5857

Firm Overview

Salas O'Brien is an engineering facility planning, design, construction management, and commissioning firm with 90+ offices and 3,600+ employees across the United States and Canada. We use our experience at the intersection of energy, infrastructure, and sustainability to help high-profile clients meet their critical needs.

Salas O'Brien's multi-disciplinary teams include mechanical, electrical and plumbing engineers, technology and control systems designers, commissioning agents, fire protection engineers, construction administrators, and task-oriented professionals.

Over the past 45 years, Salas O'Brien has developed particular expertise in planning, design, and construction in a variety of markets, such as education, commercial, retail, mixed use, etc.

Experience in Jefferson Parish

- ▲ Bridge City Center for Youth - Bridge City, LA
- ▲ Jefferson Parish Computer Lab JC Simons - Bridge City, LA
- ▲ JPPS Airline Park Academy Administration Building - Metairie, LA
- ▲ John A. Alario Event Center Renovation - Westwego, LA
- ▲ Blue Cliff College Renovation - Metairie, LA
- ▲ Cubesmart, Labarre Rd & Airline Hwy - Jefferson Parish, LA
- ▲ Free To Be Power Yoga Studio, 2328 Metairie Rd - Metairie, LA
- ▲ Priority Floors Renovation, 5403 Powell St - Harahan, LA
- ▲ Superior For Men - Gretna, LA
- ▲ Surgical Center, 1041 Veterans Blvd - Metairie, LA
- ▲ Office & T-Shirt Print Shop, 658 Leson Ct. - Gretna, LA
- ▲ Sugar Mill Apartments - Kenner, LA
- ▲ Chuckles Comedy Club - Gretna, LA
- ▲ Westside Center South Smoke Infiltration Analysis - Gretna, LA
- ▲ Coldwell Banker Office Renovation, 320 Hessmer St. - Metairie, LA
- ▲ HotWorx Studio - Gretna, LA
- ▲ Bowers Ford Veterans Blvd - Metairie, LA
- ▲ Lakeview Self-Storage, Phase II - Metairie, LA
- ▲ Keller Williams, 3197 Richland - Metairie, LA
- ▲ Investar Banks Veterans Generator Upgrade - Metairie, LA
- ▲ Brookwood Storage Ames Blvd - Marrero, LA
- ▲ Investar Bank Elmwood - Metairie, LA
- ▲ The Dog Stop Buildout - Kenner, LA
- ▲ Terrytown Storage Renovation - Gretna, LA



90+

Offices throughout North America

600+

Registered professionals

3,800+

Passionate team members

RECOGNITION

Our consistent recognition among top-performing organizations in our industry reflects our commitment to excellence and solid year-over-year performance.

Engineering News Record 2024

#39 on the Top 500 Design Firms List

MEP Giants 2024

#9 top 100 MEP firms in North America

Inc. 5000 2024

12x honoree

BD+C Giants 400 2024

#3 on the Top 70 Engineering Firms list

Zweig Group Hot Firms 2024

#3 fastest-growing AEC firms in North America

Services

Mechanical Engineering

Our mission is to create environments that are functional and beneficial to the occupant's culture and quality of life. By providing unique responses to the individual needs of each client, we achieve a successful design that is an amalgamation of ideas from building owners and users. The resulting designs express a respect for people, community, and character, while meeting the more tangible goals of cost, schedule, and function.

Mechanical Design Capabilities:

- ▲ Heating Ventilation Air Conditioning (HVAC)
- ▲ Building Systems Evaluations
- ▲ Chilled & Hot Water Environments
- ▲ Chiller & Cogeneration Plants
- ▲ Heating Hot Water Distribution
- ▲ Utility Coordination
- ▲ Facility Flood Assessment
- ▲ Energy Code Consultation
- ▲ Energy Modeling Capabilities

Electrical Engineering

We will be an integral tool in shaping your future spaces to meet the demands of your community while enhancing the quality of life on campus. Salas O'Brien recognizes that your project is leading the charge in shaping your future, and requires a space that works the way you work. In addition to systems design for new facilities and building expansions, our engineers frequently provide existing electrical systems review and evaluation, in order to assist our clients in developing and prioritizing potential upgrade projects, budgetary costs, and phased growth plans. Our engineers have also provided detailed test and commissioning plans, as well as on-site witnessing of independent third party commissioning.

Electrical Design Capabilities:

- ▲ AC power systems
- ▲ Low, Medium and High Voltage distribution systems
- ▲ ARC Flash Studies
- ▲ Electrical System Coordination Studies
- ▲ AC standby and emergency generation plants
- ▲ Network data centers
- ▲ Computer centers
- ▲ Telecommunications switch facilities
- ▲ Lighting Design
- ▲ Coordination with Utility Companies
- ▲ Energy Code Consultation

Plumbing Engineering

Our team will provide real-world, field-tested perspective. We are experienced with multi-faceted teams to provide highly specialized designs. By providing unique responses to the individual needs of each client, utilizing technology specifically tailored to accomplish the highest quality sustainable infrastructure appropriate for each project. We have a long history of project design and construction and can accommodate evening and weekend installations. Our techniques and procedures assist in making sure that the project team can schedule and complete the documents, and, ultimately, construct the project to the client's as needed schedule.

Plumbing Design Capabilities:

- ▲ Sanitary Waste and Vent
- ▲ Domestic Hot & Cold Water
- ▲ Facility Flood Assessment
- ▲ Fire Protection Performance Specifications
- ▲ Coordination with Civil Engineers
- ▲ Assisting Civil Engineer with MUD Coordination
- ▲ Roof Drainage
- ▲ Domestic Water Booster
- ▲ Natural Gas
- ▲ Specialty Plumbing Piping Systems critical

Structural

Our structural engineering team delivers innovative, cost-effective facility planning and designs customized to your project. We are inquisitive problem-solvers with deep technical expertise who provide industry-leading structural engineering for projects of all sizes. Our reputation for excellence is earned through completing projects on schedule and within budget. This work ethic is reflected in long-standing relationships with our clients. We produce thorough, well-coordinated construction documents and provide excellent service throughout the life of your project. We develop customized structural engineering systems to meet planning and design requirements for new facilities, renovations, and expansions, providing the following in-house services:

Structural Capabilities:

- ▲ Academic peer review (DSA)
- ▲ Assessments | BIM/VDC
- ▲ Blast-resistant design
- ▲ Building envelope / Building science
- ▲ Cold-formed steel (CFS) engineering
- ▲ Design checks and peer review
- ▲ Feasibility studies | Forensic failure investigation
- ▲ Innovative design including base isolation and passive dampers
- ▲ Litigation support | Master planning
- ▲ Nonbuilding structures engineering
- ▲ Seismic and structural criteria development | Seismic evaluation and restoration
- ▲ Repair, rehabilitation, and historic preservation
- ▲ Structural surveys, investigative studies, due diligence
- ▲ Structural systems development | Value engineering

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-036, Resolution No. 145324
Professional Architectural and Engineering Services on an As Needed Basis for Architectural Projects Located Throughout the Parish

B. Firm Name & Address:

Eustis Engineering L.L.C.
3011 28th Street, Metairie, Louisiana 70002

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

Gwendolyn P. Sanders, P.E. / President / 504-834-0157 / gsanders@eustiseng.com

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

Gwendolyn P. Sanders, P.E. / President / 504-834-0157 / gsanders@eustiseng.com

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

<u>7</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u>2</u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u>17</u> Geotechnical Engineers	<u>3</u> Graduate Engineers
<u> </u> Civil Engineers	<u> </u> Interior Designers	<u> </u> Project Managers
<u> </u> Construction Inspectors	<u> </u> Landscape Architects	<u>11</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>5</u> Engineer Intern	<u> </u> Environmental Engineers	<u>46</u> Other
<u> </u> Professional Land Surveyors		<u>91</u> TOTAL

F. Is this submittal is 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. Not applicable.

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. Not Applicable.		
2.		
3.		

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

We estimate **16** individuals will be needed to complete the geotechnical services associated with projects under this advertisement. This includes a three-member drill crew as well as laboratory, clerical, and engineering staff. More employees can be added, as necessary, to complete any 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:

Gwendolyn P. Sanders, P.E. / President

Project Assignment:

Project Principal

Name of Firm with which Associated:

Eustis Engineering L.L.C.

Years' Experience with This Firm:

32

Education: Degree(s)/Year/Specialization:

Master of Science / 1992 / Civil Engineering

Bachelor of Science / 1990 / Civil Engineering

Active Registration: Year First Registered/Discipline:

Louisiana: 1997 / Civil Engineering

Mississippi: 2003 / Engineering

Texas: 2020 / Civil Engineering

Other Experience and Qualifications Relevant to the Proposed Project:

Mrs. Sanders began her professional career with Eustis Engineering L.L.C. in 1993. Over the past 32 years, she has worked her way up through the ranks of the engineering department including Associate Engineer, Project Engineer, Project Manager, and Engineering Manager. She has been on Eustis Engineering's Board of Directors since 1997. In 2020, Mrs. Sanders became Eustis Engineering's first woman president after previously serving as a Vice President and Executive Vice President. As President, she is responsible for day-to-day business operations including quality, safety, marketing, and long-term strategic growth. She also actively participates in the engineering design and review processes.

Considering her experience with Eustis Engineering, a leading Gulf Coast geotechnical firm, Mrs. Sanders has extensive experience in soft soils and working on projects in coastal Louisiana. She has been directly and indirectly involved in numerous projects throughout the Gulf Coast area, particularly in Jefferson Parish. Mrs. Sanders has been involved in and managed every aspect of a geotechnical engineering project; namely, developing appropriate scopes of work for projects, planning and coordinating field investigations, assigning laboratory testing, performing geotechnical engineering analyses, preparing detailed reports with engineering analyses and recommendations, reviewing reports prepared by other professionals, and consulting with clients. Much of her work experience has dealt with identifying soil properties, developing criteria for design of foundations, and determining an appropriate foundation to support the structure under consideration.

In 2017, Mrs. Sanders served as program advisor for the Deep Foundations Institute's 42nd annual conference. She has twice been named one of the 50 Women of the Year by New Orleans CityBusiness, first in 2017 and again in 2021. She is currently serving as an associate member of the ASCE Standards Committee for the Design of Foundations. She has a keen eye for detail and is a stickler for quality. Her work ethic, combined with her communication skills, translates to Mrs. Sanders' ability to deliver successful geotechnical engineering projects to her clients.

Over the years, Mrs. Sanders has been involved with more than 2,800 projects in some capacity, including the following contained within this submittal:

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:

Gwendolyn P. Sanders, P.E. / President

- New Orleans, City of - 4th District Police Station, New Headquarters, 3370 Wall Boulevard, New Orleans (Orleans Parish), Louisiana
- Jefferson Parish Sheriff's Office - First District Station, 3620 Hessmer Avenue, Metairie, Louisiana
- Assumption Parish - Clerk of Court, Proposed Storage Building, Napoleonville, Louisiana
- Plaquemines Parish - New Courthouse Facility, Pointe A La Hache, Louisiana, Parish Project No. 13-01-09
- New Orleans Public Library - Nora Navra Branch Library, 1902 St. Bernard Avenue, New Orleans (Orleans Parish), Louisiana
- Jefferson Parish – Proposed Bike Path and Bridge Along 17th Street Canal, Jefferson Parish, Louisiana

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Benjamin M. Cody, P.E. / Principal Engineer
Project Assignment:
Senior Project Manager, Principal Engineer
Name of Firm with which Associated:
Eustis Engineering L.L.C.
Years' Experience with This Firm:
23
Education: Degree(s)/Year/Specialization:
Master of Science / 1999 / Civil Engineering Bachelor of Science / 1996 / Civil Engineering
Active Registration: Year First Registered/Discipline:
Louisiana: 2002 / Civil Engineering Mississippi: 2007 / Engineering Texas: 2014 / Civil Engineering Florida: 2001 / Engineering Alabama: 2003 / Engineering Arkansas: 2014 / Engineering
Other Experience and Qualifications Relevant to the Proposed Project:
<p>From 1993 to 1994, Mr. Cody first worked with Eustis Engineering as a part-time laboratory soil technician while obtaining his undergraduate degree. After leaving Eustis Engineering in 1994, Mr. Cody worked as an engineering technician with the Sewerage & Water Board of New Orleans and as a student laboratory coordinator at Tulane University's Department of Civil Engineering. Mr. Cody also assisted in teaching the introductory soil mechanics laboratory sessions. For more than a year, he worked as a graduate research assistant at Tulane University while pursuing his Master's degree. At that time, he was responsible for the design, construction, and implementation of a bench scale testing system in contaminated soil remediation.</p> <p>From 1998 until 2001, Mr. Cody worked for engineering firms in Florida. He performed such duties as soil evaluation and engineering recommendations for projects of varying sizes including multi-story structures, bridges, and roadways. He performed Phase I environmental site assessments as well as geotechnical sensor installation.</p> <p>In 2001, he returned to the New Orleans area and to Eustis Engineering as a Project Engineer. He now serves as a Principal Engineer with the firm. Since his return, Mr. Cody has performed a wide variety of engineering services including geotechnical project management, engineering design, engineering during construction, and dynamic pile testing. Private sector projects have varied from small, private, and commercial structures to multi-story, high-rise structures, storage tanks, and other industrial facilities. Public projects have included roads and bridges, port facilities, government buildings and facilities, schools, and hurricane protection system improvements.</p> <p>His participation in professional societies includes serving on the board of the New Orleans Branch of the American Society of Civil Engineers (ASCE) in roles including Director, Treasurer, and President among others. He also serves on the committee for the Louisiana Civil Engineering Conference and Show (LCECS), a joint conference of the American Concrete Institute ACI and ASCE chapters. In addition to serving as a current member of the LCECS committee, particularly the speaker selection sub-committee, he has also served as conference chair in the past.</p> <p>Some of Mr. Cody's project experience, shown in this submittal, includes the following.</p> <ul style="list-style-type: none">• Jefferson Parish - West Bank Central Warehouse Facility, LA Highway 18, Bridge City, Louisiana• New Orleans, City of - 4th District Police Station, New Headquarters, 3370 Wall Boulevard, New

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Benjamin M. Cody, P.E. / Principal Engineer

Orleans (Orleans Parish), Louisiana

- Jefferson Parish Public School System - Young Audiences Charter School, 1000 Burmaster Street, Gretna, Louisiana
- D'Iberville, City of - Proposed Police Station, Lamey Bridge Road, D'Iberville (Harrison County), Mississippi
- Assumption Parish - Clerk of Court, Proposed Storage Building, Napoleonville, Louisiana
- Jefferson Parish – Proposed Bike Path and Bridge, Along 17th Street Canal, Jefferson Parish, Louisiana
- Jefferson Parish – Proposed Lift Station, Melody Drive and West Esplanade Avenue, Metairie, Louisiana

PROJECT NO. 1

**Project Name, Location, and
Owner's Contact Information:**

Nature of Firm's Responsibility:

**Jefferson Parish Public School System
Young Audiences Charter School
1000 Burmaster Street
Gretna, Louisiana
Eustis Engineering Project No. 24021**

Owner's Contact Information:
Young Audiences Charter Association
1407 Virgil Street
Gretna, Louisiana 70053
Edna R. Moore
1-504-304-6332

At the time of our investigation, the site consisted of an existing one-story masonry warehouse surrounded by concrete and asphalt. That warehouse would be converted in the new school at 1000 Burmaster Street. The existing building had approximate plan dimensions of 700' x 250'. Much of the building would remain in place with partitioning and relocation of interior columns to develop the existing building into facilities needed for the school. The structural engineer for the project planned to use a pile foundation to support appurtenant features outside of the building. Appurtenant features would include transformers and mechanical pads raised 3 feet above grade.

The existing parking lot would be utilized for the school and new pavements would be constructed as necessary. The final parking area would accommodate 90 personal vehicles. Portions of the existing parking lot would be refurbished with a mill and overlay pavement. A new driveway south of the existing building would accommodate large vehicles, including bus traffic. New light-duty and heavy-duty pavements would be required at other areas around the existing building.

Our field exploration included the drilling of four 100-ft undisturbed sample type soil test borings from the exterior of the existing building to determine subsoil conditions and stratification, and to obtain samples of the various strata encountered.

The borings were supplemented with cone penetration tests (CPTs) to further evaluate the subsurface conditions inside the building. The CPTs extended to depths of 100 feet below the bottom of the concrete slab.

Soil mechanics laboratory tests, performed on samples obtained from the borings, were used to evaluate the physical properties of the various substrata. Testing included classification tests (natural water content, unit weight, unconfined compression shear, and unconsolidated undrained triaxial compression shear). Additional testing included the percent passing the U.S. Standard No. 200 sieve and Atterberg limits determinations to aid in classification and provide an indication of each material's relative compressibility.

In conjunction with the soil borings, CPTs, and laboratory test results, engineering analyses were made to determine recommendations for:

- water management during and after construction;
- site preparation on the interior of the building;
- inspection and monitoring of the existing building;
- site preparation for the existing building's exterior;
- Seismic Site Classification in accordance with the International Building Code;

PROJECT NO. 1		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
	<ul style="list-style-type: none"> • allowable vertical load capacities, in compression and tension, for various sizes and embedments of treated ASTM D25 quality timber, timber composite, single-piece and segmented open-end steel pipe, and augercast concrete piles; • pile installation recommendations; • both flexible and rigid pavements; and • general foundation construction procedures. 	
Completion Date (Actual or Estimated)	Estimated Cost:	
	Entire Project:	Work for Which Firm Was Responsible:
2/2019 (Actual)	Unknown	\$17,600

PROJECT NO. 2		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">Assumption Parish Clerk of Court Proposed Storage Building Napoleonville, Louisiana Eustis Engineering Project No. 24453</p> <p>Owner's Contact Information: Assumption Parish Through C. J. Savoie Consulting Engineers, Inc. Post Office Drawer R Paincourtville, Louisiana 70391 Clarence Savoie III 1-985-369-2341</p>	<p>The new storage building would be a prefabricated metal building with an approximate footprint of 1,500 square feet. The building would be used to store stacked documents with a possible mezzanine area supported by columns for additional overhead storage. The facility pavements would be subjected to light truck loading and vehicular traffic.</p> <p>Eustis Engineering's drill crew drilled one 3-in. diameter undisturbed soil boring to a depth of 80 feet below the existing ground surface for the project. While in the field, pocket penetrometer tests were performed on soil samples to provide a general indication of the materials' shear strength or consistency. Standard Penetration Tests were also performed on samples of cohesionless and semi-cohesive subsoils to determine their relative density.</p> <p>Once the samples were in our laboratory, soil mechanics laboratory tests included natural water content, unit weight, unconfined compression shear, unconsolidated undrained triaxial compression shear, and Atterberg limits determinations.</p> <p>Engineering analyses and recommendations focused on:</p> <ul style="list-style-type: none"> • site preparation including drainage (before and after construction), clearing and stripping operations, subgrade preparation, and structural fill material type and its compaction; • shallow foundation requirements including settlement estimates for the floor slab, footing depths, allowable soil bearing values for continuous strip footings and isolated square footing foundations; • allowable load capacities, in compression and tension, for various sizes of driven timber piles; • settlement estimates associated with structural fills, footings, and pile foundations; and • general construction practices, including monitoring and testing programs. 	
	Estimated Cost:	
Completion Date (Actual or Estimated)	Entire Project:	Work for Which Firm Was Responsible:
10/2020 (Actual)	Unknown	\$5,000

PROJECT NO. 3

Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p align="center"> New Orleans Public Library Nora Navra Branch Library 1902 St. Bernard Avenue New Orleans, Louisiana Eustis Engineering Project No. 23091 </p> <p> Owner's Contact Information: The City of New Orleans Through Manning Architects, APAC 650 Poydras Street, Suite 1250 New Orleans, Louisiana 70130 Lauren Williams 1-504-412-2000 </p>	<p>A new building was planned for construction at the intersection of St. Bernard Avenue, North Prieur Street, and Onzaga Street. The structure would be approximately 13,700 square feet in areal extent. Existing structures and pavements on site would have to be demolished. As part of construction, a bioswale was planned on the North Prieur Street side of the building. Pervious concrete pavers were also being considered along St. Bernard Avenue as part of the project.</p> <p>Our field exploration included the drilling of two undisturbed sample type soil test borings and two auger borings to determine subsoil conditions and stratification, and to obtain samples of the various strata encountered. The soil borings extended to depths of 80 feet and the auger borings to 8 feet below the existing ground surface.</p> <p>While in the field, Eustis Engineering's personnel also performed a site-specific infiltration test. The infiltration test was performed using the Compact Constant Head Permeameter (Amoozemeter) procedure following the United States Bureau of Reclamation Procedure 7300-89. This is one of the in-situ testing methods approved by the City of New Orleans in the stormwater code. We selected this test method based on furnished information regarding the anticipated depth that the infiltration characteristics would be needed.</p> <p>Soil samples collected in the field were delivered to our Metairie laboratory. There, the materials were subjected to soil mechanics laboratory tests to evaluate the physical properties of the various substrata.</p> <p>In conjunction with the soil borings and laboratory test results, engineering analyses were made to determine:</p> <ul style="list-style-type: none"> • site preparation recommendations including drainage before and after construction, infiltration, demolition, subgrade preparation, structural fill and its compaction, and fill settlement; • allowable pile load capacities in compression for various sizes and embedments of treated ASTM D25 quality timber piles; and • estimated settlement due to structural loads and fill placement. <p>These recommendations were published in a geotechnical engineering design report.</p>	
<p align="center">Completion Date (Actual or Estimated)</p>	<p align="center">Estimated Cost:</p>	
<p align="center">2/2016 (Actual)</p>	<p align="center">Entire Project:</p> <p align="center">Unknown</p>	<p align="center">Work for Which Firm Was Responsible:</p> <p align="center">\$6,500</p>

PROJECT NO. 4

Project Name, Location, and Owner's Contact Information:

Nature of Firm's Responsibility:

**Jefferson Parish
West Bank Central Warehouse Facility
LA Highway 18
Bridge City, Louisiana
Eustis Engineering Project No. 22720.00-.01**

Owner's Contact Information:
Jefferson Parish Through
ECM Consultants, Inc.
1301 Clearview Parkway, Suite 200
Metairie, Louisiana 70001
Chris Maniscalco
1-504-885-4080

As part of our geotechnical exploration, Eustis Engineering provided foundation analyses and recommendations for the proposed West Bank Central Warehouse Facility located north of LA Highway 18 in Bridge City, Louisiana.

The project was to consist of two major structures: a warehouse and a poles/fixtures building, and 21 parking spaces. The warehouse would have plan dimensions of 168' x 216'. The poles/fixtures building would have approximate plan dimensions of 50' x 110'. Approximately 3 feet of structural fill was anticipated to raise the site's grade to construction levels beneath the proposed structures. As an alternative to the structural fill, expanded polystyrene foam (EPS) blocks were being considered to raise the grade of the building footprints. Other project components included a new fenced laydown yard, parking areas and driveways, a loading dock on the northeastern corner of the warehouse, and underground drainage pipes, a maximum of 24 inches in diameter, with an estimated maximum bearing depth of 4 feet.

At the time of our field activities, the site was observed to be a generally level, open lot with an existing fence, fuel storage tanks, a fueling island, and minimal vegetation. Eustis Engineering drilled three undisturbed sample type soil test borings to depths of 60 to 100 feet and two auger borings to depths of 10 feet. Subsoil samples were obtained in the field using a 3-in. diameter thinwall Shelby tube sampling barrel. The samples were then tested in our laboratory to determine subsurface conditions and stratifications. Soil mechanics laboratory tests consisted of natural water content, unit weight, unconfined compression shear, and Atterberg liquid and plastic limits tests.

Our engineering analyses included:

- site preparation addressing the need for adequate drainage during and after construction;
- appropriate clearing and stripping operations complying with the State of Louisiana Department of Transportation and Development's standard specifications;
- subgrade preparation;
- recommended structural fill material type and its compaction;
- estimated fill settlement;
- areal subsidence;
- bracing for excavations in accordance with OSHA requirements;
- recommendations for the installation of new 6-in. to 24-in. diameter sewer and drain lines including bedding materials, the use of geotextile separation fabric, and backfill materials;
- lateral earthen pressure on buried structures and at the truck wells associated with the loading dock;
- allowable load capacities, in compression and tension, for

PROJECT NO. 4

PROJECT NO. 4		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
	<p>various sizes of treated timber piles, timber composite piles, and square, precast concrete piles;</p> <ul style="list-style-type: none">• estimated settlement due to structural loads;• estimated settlement of piles due to fill placement;• recommendations for flexible and rigid pavements; and• recommended truck well designs and construction at the loading dock. <p>Although Eustis Engineering's technicians did not conduct the static pile load tests, as the geotechnical engineer of record, we provided recommendations to the contractor regarding the test pile program requirements. Our recommendations centered on the reaction piles and prepunching/predrilling operations. We also reviewed the test pile program for the consulting engineer on the project providing our conclusions and professional opinions regarding the results.</p>	
Completion Date (Actual or Estimated)	Estimated Cost:	
	Entire Project:	Work for Which Firm Was Responsible:
05/2017 (Actual)	Unknown	\$11,500

PROJECT NO. 5

Project Name, Location, and Owner's Contact Information:

Nature of Firm's Responsibility:

**Jefferson Parish
Proposed Bike Path and Bridge
Over Veterans Memorial Boulevard
Along Jefferson Parish Side
of the 17th Street Canal
Metairie, Louisiana
Eustis Engineering Project Nos. 23920.00-.02**

Contact Information:

Jefferson Parish Public Works Through
Linfield, Hunter and Junius, Inc.
3608 18th Street
Metairie, Louisiana 70002
Mark K. Annino @ 504-833-5300

A bike path and bridge were proposed over Veterans Memorial Boulevard, along the Jefferson Parish side of the 17th Street Canal, in Metairie, Louisiana. The bridge would be approximately 900 feet long. Pile-supported bridge pier foundations were anticipated to be on approximate 60- and 80-ft centers. Pier loads were anticipated to be 320 kips for four piles (60-ft pier spacings) and 640 kips for eight piles (80-ft pier spacings). An asphalt bike path would extend north and south of the bridge for approximately 2,600 and 800 linear feet, respectively.

Prior to performing the field investigation, Eustis Engineering obtained a permit from the South Louisiana Flood Protection Authority – East (SLFPA-East). This permit request included obtaining Letters of No Objection from the State of Louisiana, Coastal Protection and Restoration Authority (CPRA) and the U.S. Army Corps of Engineers (USACE). SLFPA-East, CPRA, and USACE are all project stakeholders since the bike path overlies the levee embankment adjacent to an existing floodwall which parallels the 17th Street Canal. We also contacted Louisiana One Call to locate utilities near proposed exploration points.

Eustis Engineering drilled two soil borings to depths of 100 feet below the existing ground surface. In each case, the boring was washed to the 40-ft depth since existing historical data was available. Eustis Engineering drilled three additional soil borings to depths of 100 feet near the proposed bridge piers. Finally, eight direct push borings were made to depths of 4 to 5 feet with one of our Geoprobe® rigs. The direct push borings were positioned in the areas of the proposed asphalt paths. Laboratory tests were performed on the samples to determine the shear strength and relative compressibility of the subsoils encountered. Historical subsurface soil data were also referenced in the development of the soil design parameters.

Information from the borings and laboratory results informed the engineering analyses for foundation design, pile installation recommendations, and seepage/stability evaluations. The geotechnical design report included:

- a discussion of subsoil and groundwater conditions;
- estimates of settlement and differential settlement;
- estimates of allowable load capacities for various types and sizes of piles (including timber, steel, and concrete);
- slope stability analyses of the levee embankment and I-wall system at the locations north and south of the Veterans Memorial Boulevard overpass where the bridge would tie into the existing levee embankment;
- seepage analyses to evaluate impacts for the proposed construction on the flood protection;
- Seismic Site Classification in accordance with the

PROJECT NO. 5

PROJECT NO. 5		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
	<p>International Building Code;</p> <ul style="list-style-type: none"> • recommendations for asphalt pavement sections for an at-grade bike path; • recommendations for transitioning between grade-supported and pile-supported approach slabs; • recommendations associated with excavations and dewatering; and • general construction recommendations. <p>Our sensitivity analyses for potential for piping along the proposed monopiles supporting the bridge bents identified the need for a supplemental exploration. The composite stratigraphy provides an acceptable factor of safety against piping. However, significant variations in surficial fill material composition and thickness could present the need to supplement the seepage blanket at select individual foundation locations. Thus, a supplemental exploration was completed. Eustis obtained supplemental permitting to perform 14 cone penetration tests (CPTs), along the western side of the 17th Street Canal, at each individual bridge bent. Each CPT was performed to a depth of 30 feet or practical refusal. The CPTs provide a means to interpret stratigraphy continuously with depth at each bent to aid in the assessment of piping potential to ensure no unintended impacts to the flood protection and assess construction requirements ahead of releasing the bid package to reduce change orders once construction proceeds. These results of these supplemental services were issued in a report.</p> <p>Eustis Engineering also performed supplemental geotechnical analyses to evaluate the soil response of individual piles to lateral loads to aid in the selection and design of the monopiles to support the bridge. We performed soil-pile interaction analyses to estimate the maximum bending moment and deflections in various open-end steel pipe pile diameters and wall thicknesses. The unfactored results were summarized in graphical and tabular form in an additional supplemental letter.</p>	
Completion Date (Actual or Estimated)	Estimated Cost:	
	Entire Project:	Work for Which Firm Was Responsible:
08/2023 (A)	Unknown	\$55,400

PROJECT NO. 6

Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p align="center"> Plaquemines Parish New Courthouse Facility Pointe a la Hache, Louisiana Parish Project No. 13-01-09 Eustis Engineering Project No. 22434 </p> <p> Owner's Contact Information: Plaquemines Parish Through Linfield, Hunter & Junius, Inc. 3608 18th Street, Suite 200 Metairie, Louisiana 70002 Anthony Goodgion 1-504-833-5300 </p>	<p>The century-old Plaquemines Parish Courthouse was to be rebuilt after a fire ravaged the building in 2002 and caused more than \$2.5 million in damage. An addition was also to be constructed behind the courthouse. The three- to four-story, 24,000 square foot building was to be constructed of cast-in-place concrete elevated above the existing grade without fill. A parking lot was also planned, but the location was unknown at the time of our exploration. The project area was on a developed lot with existing structures and driving lanes located on LA Highway 15 on the protected side of the Mississippi River levee.</p> <p>Eustis Engineering coordinated with the Plaquemines Parish Government, the U.S. Army Corps of Engineers (USACE), and the Coastal Protection and Restoration Authority (CPRA) to obtain a permit to drill the soil borings for the project. All soil borings were drilled with one of Eustis Engineering's truck-mounted drill rigs. Three undisturbed soil borings were each drilled to depths of 100 feet. Four auger borings were each drilled to 8 feet below grade with grab samples collected from the auger blades. All samples were visually inspected in the field and classified by Eustis Engineering's soil technician. The borings were grouted or backfilled upon completion in accordance with the permit requirements.</p> <p>Once in the laboratory, soil mechanics laboratory tests were performed on samples obtained from soil borings. Testing consisted of natural water content, unit weight, Atterberg limits, unconfined compression shear, and unconsolidated undrained triaxial compression shear.</p> <p>In conjunction with the soil borings and laboratory test results, engineering analyses were made to estimate allowable pile load capacities for deep foundations, estimate pile settlement due to structural loads, determine thicknesses and components for rigid and flexible pavements, and determine lateral loads on piles. Recommendations for site preparation, general construction, and pile installation were provided as well.</p> <p>Supplemental engineering services were also performed during the construction phase. Eustis Engineering's geotechnical engineer of record reviewed and interpreted the static pile load test results. We also provided recommendations for adjustments to the pile embedment and installation methods implemented to meet the design load capacity.</p>	
<p align="center">Completion Date (Actual or Estimated)</p>	Estimated Cost:	
	Entire Project:	Work for Which Firm Was Responsible:
<p align="center">11/2016 (Actual)</p>	Unknown	\$14,200

PROJECT NO. 07

Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Jefferson Parish Proposed Lift Station Melody Drive and West Esplanade Avenue Metairie, Louisiana Eustis Engineering Project No. 24782</p> <p>Contact Information: Jefferson Parish Through ECM Consultants, Inc. 1301 Clearview Parkway Suite 200 Metairie, Louisiana 70006 Sunina Shrestha P.E. @ 504-885-4080</p>	<p>A new lift station was proposed to be constructed at the intersection of Melody Drive and West Esplanade Avenue in Metairie, Louisiana, just east of the existing lift stations. The structure's wet well and valve pit would have a 2-ft (thick) base slab extending 2 feet beyond all sides. Two options regarding the wet well size and dimensions were being considered. A new pile-supported sewer force main aerial canal crossing was also proposed.</p> <p>Eustis Engineering's subsurface exploration comprised one undisturbed sample type soil test boring to a depth of 70 feet below the existing ground surface using a truck-mounted rotary-type drill rig. Due to the existing site features and overhead and underground utilities, our crew coordinated closely with the designer and representatives of Jefferson Parish to select the boring location. After completion of the field work, the samples were transported to our certified Metairie laboratory for testing. Soil mechanics laboratory tests consisted of visual classification, natural water content, unit weight, unconfined compression shear, unconsolidated undrained triaxial compression shear, and Atterberg liquid and plastic limits tests. These test results were utilized to develop soil design parameters for the geotechnical analyses.</p> <p>We made recommendations for both shallow (mat/slab) and deep (driven pile) foundation design, installation, and materials.</p> <p>Engineering analyses included settlement and lateral earthen pressures (at-rest, active, and passive). For mat foundations, we calculated allowable soil bearing values, net applied pressure intensity, estimated settlement, and uplift pressure. For pile foundations, we calculated allowable pile load capacities in compression and tension and estimated settlement. We also provided recommendations for pile materials, size, and installation methods.</p>	
Completion Date (Actual or Estimated)	Estimated Cost:	
05/2022 (A)	Entire Project: Unknown	Work for Which Firm Was Responsible: \$6,160

PROJECT NO. 8

**Project Name, Location, and
Owner's Contact Information:**

Nature of Firm's Responsibility:

**City of New Orleans
4th District Police Station
New Headquarters
3370 Wall Boulevard
New Orleans, Louisiana
Eustis Engineering Project No. 23625.00-.01**

Owner's Contract Information:
City of New Orleans Police Department
Through
Holly and Smith Architects, APAC
208 North Cate Street
Hammond, Louisiana 70401
Brent Baumbach
1-985-345-5201

A new two-story steel and concrete police station, with accompanying concrete vehicular and pedestrian paving, was proposed for the New Orleans Police Department's (NOPD's) 4th District Headquarters. The approximate plan dimensions of the station were 150' x 60' with a total square footage of approximately 18,000 square feet. Maximum column loads would not exceed 150 kips. Maximum wall loads would not exceed 2 kips per foot. Site development included a large flagpole, covered walkways, and paved parking and driveways. At that time of the investigation, a retaining wall, with up to 4 feet of exposure, was to be considered as part of the project. A stormwater retention system would also be required.

As part of our investigation, Eustis Engineering drilled two soil borings to depths of 80 feet each below the existing ground surface. Two auger borings were also made extending to depths of 20 feet each below the existing ground surface. All borings were drilled with track-mounted equipment.

Once the samples were delivered to our laboratory, they were subjected to a variety of soil mechanics laboratory tests including visual classification, natural water content, unit weight, unconfined compression shear, and unconsolidated undrained triaxial compression shear to aid in classification of the subsoils. Additional testing included Atterberg limits determinations.

Engineering analyses made for the project used data developed in the field and laboratory as part of this investigation, as well as at the adjoining lot where Eustis Engineering had previously performed an exploration for a proposed fire station. These analyses included:

- soil properties including seismic site classification and infiltration rates;
- groundwater management;
- site preparation recommendations including subgrade preparation as well as recommended fill material types and their compaction;
- fill settlement estimates;
- estimates of lateral earthen pressures;
- shallow foundation recommendations for ancillary structures, including allowable soil bearing values, and recommended footing depths;
- allowable load capacities, in compression and tension, for treated ASTM D25 quality timber composite piles to support the project features;
- temporary lateral load capacities associated with the flagpole;
- settlement estimates associated with both shallow and deep foundations;
- pile installation recommendations; and
- recommendations associated with both flexible and rigid pavements.

PROJECT NO. 8		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
	After completing the geotechnical exploration, Eustis Engineering was asked to provide additional engineering analyses associated with the project. Specifically, the engineering analyses and recommendations were associated with limiting post-construction settlement using a preload/surcharge program.	
Completion Date (Actual or Estimated)	Estimated Cost:	
	Entire Project:	Work for Which Firm Was Responsible:
06/2020 (Actual)	Unknown	\$16,500

PROJECT NO. 9

Project Name, Location, and Owner's Contact Information:

Nature of Firm's Responsibility:

**Jefferson Parish Sheriff's Office
First District Station
3620 Hessmer Avenue
Metairie, Louisiana
Eustis Engineering Project No. 23114**

Owner's Contact Information:
Jefferson Parish Sheriff's Office Through
N-Y Associates, Inc.
2750 Lake Villa Drive, Suite 100
Metairie, Louisiana 70002
Jonathan O'Rear, AIA RCARB, LEED
1-504-885-0500

The Jefferson Parish Sheriff's Office (JPSO) planned to build a new station on Hessmer Avenue in Metairie, Louisiana. The station would be approximately 7,000 square feet of main floor space which would include an entrance lobby, retail space, and storage space. The second floor would also be approximately 7,000 square feet in plan size. This would serve as the JPSO's First District office. The main floor and pavements would be constructed between existing grade up to an elevation of 4 feet.

Based on our knowledge of the project details and the subsoils in the area, Eustis Engineering drilled one soil boring to a depth of 100 feet below the existing ground surface. The boring depth was required to identify the surface of the Pleistocene formation and to evaluate settlement and downdrag due to the placement of 4 feet of fill. Eustis Engineering also drilled five auger borings to depths of 10 feet for the pavement areas.

After completing the field investigation, our laboratory personnel performed a variety of soil mechanics laboratory tests including natural water content, unit weight, unconfined compression shear, and unconsolidated undrained triaxial compression shear. These tests were used to classify the soils, determine their shear strength, and determine their relative compressibility.

Our engineering staff performed engineering analyses for the project. These analyses included:

- recommendations for site preparation;
- recommendations for placement and compaction of fill;
- estimates of allowable pile load capacities;
- effects of downdrag on piles due to the placement of 4 feet of fill;
- estimates of settlement;
- components and thicknesses for rigid and flexible pavements; and
- general foundation construction procedures.

In 2017, Eustis Engineering provided supplemental design services associated with a preload/surcharge program being considered to reduce post-construction settlements on the site paving and pile foundations.

In 2018, Eustis Engineering was engaged during the construction phase to assist with responding to contractor RFIs regarding pile installation difficulties and conflicts identified during pile driving operations. As a result of the RFIs, our geotechnical engineer of record was also engaged to review pile driving records and the results of a test pile program. Additional pile testing was conducted and observed to provide modifications to the installation criteria, reduce pile damage,

	and address the existing pile conflicts while still meeting the design requirements.	
Completion Date (Actual or Estimated)	Estimated Cost:	
	Entire Project:	Work for Which Firm Was Responsible:
05/2018 (Actual)	Unknown	\$11,400

PROJECT NO. 10

Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p align="center"> City of D'Iberville Proposed Police Station Lamey Bridge Road D'Iberville County, Mississippi Eustis Engineering Project No. G0386.00-.02 </p> <p> Owner's Contact Information: City of D'Iberville Through Machado-Patano, PLLC 918 Howard Avenue, Suite F Biloxi, Mississippi 39530 Nicholas Moody 1-228-388-1950 </p>	<p>The police station was proposed to be a two-story building with a footprint of approximately 4,650 square feet including a porte cochère. Minimal additional fill would be required to reach construction grade. The parking lot around the police station building, and within the existing baseball field, would have 62 parking spaces. Thirty-two of those parking spaces would be in the area currently used as parking for the baseball fields.</p> <p>Five undisturbed soil borings and one auger boring were drilled to depths of 35 feet and 5 feet below the existing ground surface, respectively, by one of Eustis Engineering's drill crews. The field investigation was followed by a laboratory testing program in one of our accredited laboratories. Testing included the performance of natural water content, unit weight, Atterberg limits determinations, unconfined compression shear tests, and percent passing the U.S. Standard No. 200 sieve. These results were used by our engineers to develop the soil design parameters for the project.</p> <p>Engineering analyses were made by our engineering team to determine the following:</p> <ul style="list-style-type: none"> • recommendations for both temporary and permanent drainage including adequate surface and subsurface features, and subgrade preparation; • recommendations for use of excavated soils in landscaping, but not in building and pavement areas; • recommended structural fill and fill materials and their compaction requirements for the various project features; • settlement estimates associated with fill used in site grading and within the building footprint; • allowable soil bearing values for continuous strip footings and isolated square footing foundations; • settlement estimates associated with various types and sizes of shallow footing foundations; and • recommended pavement components and thicknesses, for both flexible and rigid pavements, using methods presented in the AASHTO Guide for Design of Pavement Structures. 	
<p align="center">Completion Date (Actual or Estimated)</p>	Estimated Cost:	
	Entire Project:	Work for Which Firm Was Responsible:
<p align="center">01/2019 (Actual)</p>	<p align="center">Unknown</p>	<p align="center">\$12,000</p>

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. None at this time.		
2.		
3.		
4.		

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

When Eustis Engineering L.L.C. opened its first office in Vicksburg, Mississippi, in 1946, it housed its entire operation in less than 500 square feet of space. *Seventy-eight years later*, our personnel and equipment occupy 40,000+ square feet of space in five locations.

Eustis Engineering is the third oldest, continually operating geotechnical firm in the United States. From a single two-man office to approximately 115 individuals in five offices, the firm has grown to house accounting, administrative, quality control, safety, drilling, engineering, laboratory, and construction materials testing departments. These departments work together to provide our clients with the quality work desired in a cost efficient and timely manner.

Eustis Engineering is headquartered in Metairie, Louisiana, in the heart of Jefferson Parish’s East Bank. We also operate branch offices in Baton Rouge and Lafayette, Louisiana, Gulfport, Mississippi, and Houston, Texas. Our offices and staff collaborate seamlessly using Microsoft Teams and other virtual platforms.

Eustis Engineering’s services encompass many disciplines including the performance of:

- subsurface exploration (drilling of soil borings, cone penetration testing, downhole vane, and Geoprobe®);
- soil mechanics laboratory tests;
- field instrumentation and monitoring;
- non-destructive testing of piles and shafts including dynamic pile testing, crosshole sonic logging, single-hole sonic logging, low strain pile integrity testing, and thermal integrity profiling;
- geotechnical engineering design;
- special inspections; and
- construction quality control and materials testing services.

Eustis Engineering L.L.C. Important Numbers	
Item	Number
Unique Entity Identifier (UEI)	R83MG9NLTMS4
CAGE Code	4MOP2
Firm License - Louisiana	EF.0003558
Firm License - Mississippi	2078
Firm Registration – Texas	13895

Eustis Engineering has worked on over 850 geotechnical and construction materials testing projects for Jefferson Parish Government entities either as a prime or subconsultant. Project types include water and wastewater pump stations, lift stations, roads and bridges, utilities, drainage structures and canals, coastal features and flood protection. We have also worked on over 4,000 projects of all types throughout the east

and west banks of Jefferson Parish alone, not considering similar projects in the surrounding parishes. This work history gives our drilling, laboratory, and engineering staffs unparalleled familiarity with the subsurface and foundation conditions in the Gulf Coast and the challenges that may arise for projects associated with this contract.

ENGINEERING SERVICES

Eustis Engineering has geotechnical engineering capabilities to fulfill the requirements of nearly any project. As evidenced by the included write-ups in this package, our experience with performing field exploration, testing, and geotechnical engineering design is varied and extensive.

Eustis Engineering's design teams have completed projects associated with all types of infrastructure and capital/public works projects including water, sewerage, drainage, streets, and parkways. Eustis Engineering's design teams evaluate pavement subgrades and provide recommended pavement component thicknesses for rigid and flexible pavements, including permeable, pervious, and impervious systems. We also evaluate pavement materials and mix designs. Our evaluation of bearing capacity considers the excavation depth, base preparation, and utility diameter. We have developed pile capacity and bearing capacity analyses for projects throughout Jefferson Parish and the coastal areas of the United States. Eustis Engineering's evaluation of piles includes estimates of vertical capacity for groups. We also perform lateral analyses of individual piles and pile groups using LPILE® and GROUP® software.

We evaluate local and deep-seated global stability of canals, waterway slopes and embankments as well as excavation shoring and sheeting. We provide assessments of heave, seepage and erosion control measures. We evaluate floodwalls, including I-walls, L-walls, T-walls and gates.

We perform settlement studies including estimates of settlement and time-rate of settlement with and without wick drains to enhance consolidation. These settlement studies include estimates and recommendations for lift construction affecting a gain-in-strength of foundation soils associated with subsoil consolidation. Preload/surcharge operations are also a component of our settlement evaluations.

In our practice, Eustis Engineering has developed methodologies associated with the estimates of negative skin friction on pile foundations. The methods are the current state of practice. The extension of these methods is an evaluation of settlement induced bending moments. Eustis Engineering is also utilizing a numerical model program, SIGMA/W, in association with the rigorous settlement program Settle3.

Engineering Staffing

Our engineering staff has 18 master's degrees in civil engineering, Engineering, Engineering Management, Geology, and Business Administration. Participation in post-Bachelor of Science curricula, as well as continuing education and professional registration that emphasizes engineering management and technical issues, is very important to Eustis Engineering. Our engineers also regularly present at technical conferences. We encourage and fund our staff for these activities and programs.

Employee	Education	Experience	
		Years with Eustis Engineering	Total Years
Professional Engineers (P.E.)			
Benjamin M. Cody	M.S. / Civil Engineering	23	27
Brian A. Deschamp	B.A. / Business Administration	13	13
	M.S. / Civil Engineering – Geotechnical		
P. Tennant Duckworth	M.S. / Civil Engineering	4	4
James J. Hance	M.S. / Civil Engineering	21	25
	M.B.A. / Business Administration		
Chad L. Held	M.S. / Civil Engineering	33	33
Matthew K. Morales	B.S. / Civil Engineering	16	16
Tomas K. Morales	B.S. / Civil Engineering	11	11
Travis R. Richards	M.S. / Engineering	18	25
	M.S. / Engineering Management		
	Coastal Engineering Certificate		
Chad D. Roe	M.S. / Civil Engineering	2	12
Gwendolyn P. Sanders	M.S. / Engineering	32	32
Shaun R. Simon	M.S. / Civil Engineering	24	24
Alice E. Stark	M.S. / Civil and Environmental Engineering	1	9
Patrick A. Thurmond	M.S. / Engineering Management	9	9
	M.S. / Civil Engineering		
	Coastal Engineering Certificate		
Sean G. Walsh	M.S. / Civil Engineering	12	17
James M. Williams	M.S. / Civil Engineering	6	6
Engineering Interns (E.I.)			
Adam K. Abdulbagi	B.S. / Civil Engineering	2	2
Alvaro E. Carvajal	B.S. / Civil Engineering	2	2
Joseph P. DiGiovanni	B.S. / Civil Engineering	2	2
Steven B. Tidwell	B.S. / Geological Engineering	1	14
Engineering Graduates			
Alexander Soriano Doninelli	B.S. / Civil Engineering	1	5
Lesley L. Reitmeyer	B.S. / Civil Engineering	16	16
Xia (Bruce) Xialong	PhD / Geotechnical Engineering	1	11
	M.S. / Geotechnical Engineering		
Geologists			
Matthew J. Blasini, G.I.T.	B.S. / Geology	6	7

Nathan A. Quick, P.G.	M.S. / Geology	3	8
Total Years of Experience		259	330

Reviewing our table, the majority of Eustis Engineering’s professional engineers have at least ten years of experience in geotechnical engineering.

Cone Penetration Testing Capabilities

Eustis Engineering owns two dedicated track-mounted cone penetration test (CPT) rigs and operates four other multi-purpose rigs capable of performing CPTs. Operators are either specifically trained engineering technicians or engineers who perform field operations utilizing the CPT equipment. Engineers with specialized knowledge and experience operating the rigs evaluate the sounds and produce the CPT logs. Five of our rigs can be placed on a cargo buggy, shallow draft barge, or airboat to access coastal marsh or open water. We have sounded to depths of 180 feet and have the ability to perform dissipation and seismic testing. Field testing is performed according to ASTM D5778 and common industry practices. Eustis Engineering has been performing CPTs and using CPT technology since the early 2000s.

A CPT can be accomplished rapidly with four or five being performed in the same time frame as a standard geotechnical boring; therefore, CPTs are typically cost-effective in providing enhanced subsurface exploration and better delineation of subsurface conditions at a project site.

Dynamic Pile Testing Capabilities

Eustis Engineering was the first private consulting firm to own and operate dynamic pile testing equipment in the States of Louisiana and Mississippi. The pile types tested include timber piles; small size pipe piles; square, precast concrete piles and large (60 to 72-in. diameter) spun-cast, prestressed concrete piles; open-end and closed-end steel pipe piles; and steel H-piles.

We often upgrade our data collectors and operate four Pile Driving Analyzers® (PDAs): one PAX unit and three PDA-8G units. These units can be battery operated and use wireless gauge transmitters to eliminate the need for a main cable to connect directly to the units. We also stock and use underwater gauges to monitor pile driving in marine environments when the pile head descends below the water surface. To support our four PDA units, Eustis Engineering maintains an extensive inventory of calibrated gauges and accessories. To provide quality assurance and rapid responses to issues in the field, all PDAs have wireless communication, enabling our engineers direct oversight of the dynamic pile testing process in real time.

We also use this PDA equipment to maintain the calibrations of our automatic Standard Penetration Test (SPT) hammers on our drill rigs.

Other Non-Destructive Testing Capabilities

Our engineering staff at Eustis Engineering performs other non-destructive testing services to verify the structural integrity of drilled shafts, augercast piles, and precast concrete piles. Some of these processes include crosshole/single-hole sonic logging (CSL or SSL), low strain pile integrity testing (PIT), and thermal integrity profiling (TIP™). We also perform parallel seismic testing to evaluate existing foundation depths.

INSTRUMENTATION

Eustis Engineering has installed geotechnical instrumentation for decades. Our instrumentation programs have resulted in substantial cost savings to our clients by reducing preload durations, providing refinement of geotechnical design parameters through full-scale testing, and verifying the performance of cutting-edge designs. Our services go beyond the construction phase, as long-term monitoring programs enable owners to maximize utilization of their facilities throughout the design life by verifying if soil behavior is within acceptable limits.

Eustis Engineering provides the following instrumentation services:

- Vibrating wire devices including piezometers, extensometers, settlement gauges, and strain gauges
- Data loggers to enable periodic collection of data for vibrating wire devices
- Data links for remote web access to data loggers in near real time
- Settlement plates
- Conventional slope inclinometers or MEM sensor array inclinometers and tiltmeters
- Monitoring services of all instrumentation devices with geotechnical interpretation

Instrumentation is a natural complement to our design services, providing data to verify or modify recommendations based on the observational method. Ongoing monitoring enables us to provide continuing services from project inception to the end of a project's design life.

DRILLING/FIELD EXPLORATION

Eustis Engineering possesses licenses and credentials to perform geotechnical drilling in Louisiana and Mississippi (no license is needed in Texas). With our licenses and credentials, Eustis Engineering drills soil borings and performs sampling operations for our clients' projects in all types of environments including land, marsh, swamp, and marine. Our personnel have the capability and experience to provide these services from trucks, barges, pontoons, and swamp or marsh buggies. We also have portable units that can be used inside structures planned for retrofit/renovations.

Field Exploration Personnel

We can provide up to eight drillers and drill rigs capable of obtaining standard 3-in. diameter Shelby tube samples and 5-in. diameter fixed piston samples, sounding CPT, advancing Geoprobe samplers, and installing geotechnical instrumentation on land, in water, and in marsh environments as indicated in the following table.

Capabilities of Eustis Engineering's Field Exploration Staff	Blair Armant	James Cordes	Tevin Crawford	Rene Davidson	Eric Held	James Lubben	George Reitmeyer	Lawrence Rome
Hand Auger Borings	X	X	X	X	X	X	X	X
General Type (3-in. Diameter Borings)	X	X	X	X	X	X		X
General Type (3-in. Diameter Borings) in Hard Access Locations (Marsh, Swamp, Heavily Forested)	X	X	X	X	X	X		X
Undisturbed Type (5-in. Diameter Borings)	X	X	X	X	X	X		X
Undisturbed Type (5-in. Diameter Borings) in Hard Access Locations (Marsh, Swamp, Heavily Forested)	X	X	X	X	X	X		X
Location Information (Latitude, Longitude)	X	X	X	X	X	X		X
Set Permanent Benchmarks	X	X	X	X	X	X		X
Install Instrumentation	X	X	X	X	X	X		X
Cone Penetration Tests					X		X	
Geoprobe Sampling		X			X	X		X

Field Exploration Equipment

Eustis Engineering owns and operates six wet rotary drill rigs, both truck-mounted and skid-mounted. This equipment includes one Diedrich truck-mounted D-50 turbo drill rig (with an automatic SPT hammer); one Failing skid only rig (with an automatic SPT hammer); one truck-mounted CME-55 rig; one track-mounted CME-850X rig with an automatic hammer; one track-mounted CME-850XR rig with an automatic hammer; and one truck-mounted CME-55 rig with a detachable CME-55 skid unit and automatic hammer. We also own two track-mounted cone penetrometer systems capable of providing up to 15 tons of reaction. Our CME track rigs provide low ground pressure and are designed to traverse soft ground surfaces, steep slopes, and lightly wooded areas. Eustis Engineering also owns four direct push Geoprobe units: two 3230DTs, the 6620DT, and the 540M. Eustis Engineering's 6620DT/3230DT Geoprobe with their 12-in. tracks allow this equipment to be used on pavement as well as off road and in rugged terrain. The 6620DT and 3230DT rigs also can be placed on specialized equipment. This includes a jack-up barge and a cargo buggy for operations over marsh/water. These units can install shallow monitoring wells and other instrumentation. We also have the capability to perform CPTs and downhole vanes using the 3230DT rigs.

Our 540M Geoprobe can fit into confined spaces as narrow as 32 inches. The 540M can also be utilized on an airboat for coastal terrains.

Other Specialized Soil Sampling Equipment

In addition to our drill rigs, Eustis Engineering owns and operates an Acker Vane Shear to perform down hole in-situ testing. We also have hand augers to obtain samples at various depths for use in classification and stratification of soil deposits. This equipment can be used in association with handheld piston samplers to obtain small diameter samples. Finally, we operate a dynamic cone penetrometer to assess the in-situ strength of undisturbed soils and compacted materials in accordance with ASTM D 6951.

Drone Capabilities

Eustis Engineering utilizes small Unmanned Aerial Systems (sUAS), more commonly known as “drones,” to enhance our services. We use drones to perform site inspections, field reconnaissance, pre/post-construction condition surveys, construction inspections, and other forms of visual monitoring. We currently operate a DJI Mavic Air 2S Drone piloted by a Part 107 Certified Remote Pilot.

LABORATORY SERVICES

Eustis Engineering’s laboratories are constantly evolving with the purchase of new equipment on a yearly basis. Our gINT® data management software from Bentley allows for maximum efficiency in the production of boring logs and data entry.

Eustis Engineering has also acquired OpenGround®, Bentley’s Cloud platform, which interfaces with a collection of geotechnical applications. OpenGround provides a comprehensive solution for collecting, reporting, managing, visualizing, analyzing, and accessing data. Its advanced digital workflows combine both subsurface and surface data into one cohesive design. This software provides Eustis Engineering’s team members access to a data source via connected applications or a web portal, increasing both collaboration and efficiency. Improved access and reliability will save time and money in the planning, design, analysis, construction, and operation of infrastructure projects.

Eustis Engineering has also acquired KeyLAB® from Bentley. KeyLAB is the leading laboratory management system built specifically for geotechnical and construction materials testing laboratories. It improves our laboratory efficiency at every stage of the geotechnical and construction testing process, including sample and storeroom management, as well as electronic scheduling, testing, and reporting. It integrates with Microsoft Excel®, allowing for the efficient development of customized worksheets and reports.

Technical testing common to our laboratories includes ASTM; American Concrete Institute (ACI); State of Louisiana, Department of Transportation and Development (LaDOTD); AASHTO; FAA; and the U.S. Army Corps of Engineers (USACE). Our laboratories hold accreditations from AASHTO, LaDOTD, and the USACE.

Laboratory Staffing

Eustis Engineering currently has qualified technicians to sample construction materials and perform soil mechanics laboratory testing. These technicians are versed in the latest standards from ASTM, LaDOTD, MDOT, AASHTO, FAA, and the USACE. Many of our technicians have earned certifications with the National Institute for Certification in Engineering Technologies (NICET) in the area of geotechnical engineering technology and in the subfields of construction, exploration, generalist, and laboratory.

Laboratory Quality Control

In our effort to ensure the quality of our laboratory and materials testing, our programs are regularly inspected by outside agencies such as the USACE, the AMRL Group of the American Association of State Highway and Transportation Officials, and the CCRL Group of AASHTO. Eustis Engineering is also accredited by the Mississippi Department of Transportation.

Eustis Engineering has three soil mechanics laboratories where our laboratory practices and quality management system meet the requirements of AASHTO R 18 and ASTM E329. These offices are located in Metairie, Baton Rouge, and Gulfport. Individual offices may comply with ASTM quality system specifications including ASTM C1077, ASTM D366, and ASTM D3740. Accreditations in the various areas are shown below.

Metairie	Baton Rouge	Gulfport
Aggregate	Aggregate	Aggregate
Concrete	Soil	Asphalt
Masonry	Concrete	Concrete
Soil	Spray Fire-Resistive Material	Soil
		Spray Fire-Resistive Material

To further show quality is paramount to Eustis Engineering, we have two individuals in charge of maintaining quality in our testing. Travis R. Richards, P.E., is the Engineer-In-Charge. Timmy Holleman, dedicated Quality Control Manager, oversees the calibration of our equipment and maintenance of our quality system. The biggest reward of our quality system is knowing our clients are confident our testing laboratories produce the highest quality results and conform to state and national standards.

CONSTRUCTION MATERIALS TESTING

Eustis Engineering has been involved in construction materials testing (CMT) and inspection on a regular basis since the mid-1980s. Over the past 30+ years, Eustis Engineering has accumulated a wealth of experienced technicians in these areas. Whether 20 feet down in an excavation or 20 stories up in a high rise, our CMT technicians are there providing the inspection services needed on individual projects.

Staffing

Eustis Engineering currently has nearly 30 technicians on staff to provide construction inspection services on a daily basis. These services encompass the areas of soils, piling, asphalt, concrete, steel, and others.

Services

Soils testing in the field is performed by means of density tests, fill placement inspection, and depth checks. These services are performed by technicians who have attended courses by Troxler or Humboldt in the use of nuclear density devices.

Piling services include the inspection of various types of piles, logging these piles, and performance of pile load tests with calibrated equipment. Load test results are, in turn, interpreted and reported by a registered engineer on our staff.

Our realm of concrete inspection includes the formulation and review of mix designs, quality control at the plant and in the field, materials testing and sampling, precast piling inspection, post tension inspection, floor flatness, and mortar and grout inspection. These services are performed by our ACI and NICET certified technicians.

Steel inspection may include the visual inspection of structural steel at the site or in the shop, steel and pipe coating sampling, post tension and welder certification witnessing, and the performance of ultrasonic and x-ray testing. These services are performed by members of our staff currently certified with AWS, ASNT, and/or ASME.

Other CMT services provided by Eustis Engineering personnel include fireproofing inspection, vibration and acoustical monitoring, paint inspection, and more.

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

Signature: 
Title: President

Print Name: Gwendolyn P. Sanders, P.E.
Date: 12 December 2024

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

Name: Eustis Engineering
L.L.C.

Public Address: Eustis Engineering
L.L.C.

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0003558	Active	09/13/2006	03/31/2025	Mr. Benjamin Mcmillan Cody # PE.0030292 ; Mr. Travis Russell Richards # PE.0030992

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 24-306 Miscellaneous Architecture and Engineering Services on an As-Needed basis
Resolution No. 145324

B. Firm Name & Address:

High Tide Consultants, LLC

409 W. 21st Avenue - Suite B
Covington, LA 70433

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

Richard Galloway, PE
Principal
409 W. 21st Avenue - Suite B
Covington, LA 70433
Email: ricky@hightidela.com
Phone: (985)-446-1110

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.

B. Shane Guin, PE
Principal and Managing Member
700 Canal Blvd.
Thibodaux, LA 70301
Email: shane@hightidela.com
Phone: (985)-446-1110

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

- | | | |
|---------------------------------------|-----------------------------------|------------------------------------|
| <u> 1 </u> Administrative | <u> </u> Estimators | <u> </u> Specification Writers |
| <u> </u> Architects (Licensed) | <u> </u> Geologists | <u> </u> Structural Engineers |
| <u> </u> Chemical Engineers | <u> </u> Geotechnical Engineers | <u> </u> Graduate Engineers |
| <u> 6 </u> Civil Engineers | <u> </u> Interior Designers | <u> </u> Project Managers |
| <u> </u> Construction Inspectors | <u> </u> Landscape Architects | <u> </u> Clerical |
| <u> </u> Ecologists | <u> </u> Land Surveyor | <u> </u> Grant/Funding Specialist |
| <u> </u> Electrical Engineers | <u> </u> Mechanical Engineers | <u> </u> Sanitary Engineers |
| <u> 2 </u> Engineer Intern | <u> </u> Environmental Engineers | |
| <u> </u> Professional Land Surveyors | | <u> 9 </u> TOTAL |

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

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

TEC Professional Services Questionnaire

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

1.
N/A

2.
N/A

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

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

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

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

9

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Richard Galloway, PE
Principal

Project Assignment:

Lead Engineer

Name of Firm with which associated:

High Tide Consultants, LLC

Years' experience with this Firm:

4 years

Education: Degree(s)/Year/Specialization:

BS Civil Engineering - Louisiana State University, 1994

Active registration: Year first registered/discipline:

Professional Engineer: Civil Engineer Louisiana, 1999, #28543
(licensed in 8 states total)

Other experience and qualifications relevant to the proposed Project:

Richard Galloway, P.E. has over thirty (30) years of experience in Civil Engineering and Construction Management and is licensed in eight (8) states. Ricky has a diverse background in civil engineering design, including land and site development projects, as well as public infrastructure projects including hydrology and hydraulic modeling, storm water management, water system design and modeling, sewer system design, sewer lift station design, sewer force main design, sewer treatment plant design, construction administration and resident inspection, design flood protection (levees, pump stations, bulkheads) design, master drainage plans, roadway and pavement rehabilitation design, and green infrastructure implementation. His land development experience includes numerous retail, healthcare, educational, multi-family, office, multi-use, industrial, and residential subdivision developments. Current public clients include St. Tamany Parish Government, City of Mandeville, City of Covington, and Plaquemine Parish Government. Mr. Galloway has completed well over 700 land development projects across multiple jurisdictions in over 30 states. He also has extensive knowledge of standard construction practices based on his past work experience as a field engineer for a heavy civil contractor and his past position with LADOTD

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
B. Shane Guin, PE Principal and Managing Member
Project Assignment:
Quality Assurance/Quality Control
Name of Firm with which associated:
High Tide Consultants, LLC
Years' experience with this Firm:
9 years
Education: Degree(s)/Year/Specialization:
BS Civil Engineering - Texas A&M University, 1998 Masters of Business Administration - University of Texas at Tyler, 2004
Active registration: Year first registered/discipline:
Professional Engineer: Civil Engineer Louisiana, 2005, #31745 (licensed in 13 states total)
Other experience and qualifications relevant to the proposed Project:
B. Shane Guin, PE is a licensed professional civil/structural engineer in thirteen (13) states with over 26 years of civil and structural design experience in both public and private projects. Mr. Guin began his career as a structural engineer in the petrochemical industry before moving to general civil engineering. As a result, Mr. Guin has a unique background of structural and general civil engineering projects including site design, sewer conveyance, sewer treatment, sewer lift station design, water distribution, hydrology and hydraulic modeling, drainage analysis, master planning, levee design, bulkhead design, retaining wall design and stormwater pump station design. Mr. Guin has completed numerous projects in Ascension, Lafourche and Terrebonne Parish's. Mr. Guin has performed site design for both public and private clients in southeast Louisiana and has extensive knowledge of permitting requirements of various local and state agencies.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Scott M. Porrier, PE Principal
Project Assignment:
Project Engineer
Name of Firm with which associated:
High Tide Consultants, LLC
Years' experience with this Firm:
6
Education: Degree(s)/Year/Specialization:
BS Civil Engineering - Louisiana State University, 2008
Active registration: Year first registered/discipline:
Professional Engineer: Civil Engineer Louisiana, 2012, # 37251
Other experience and qualifications relevant to the proposed Project:
Scott Poirrier is a licensed professional civil engineer with 16 years of various civil engineering design experience in both public sector and private projects. Scott joined High Tide Consultants, LLC (HTC) in 2018 and has already made an impact as a leader in his local community in the River Parishes. He is currently working on various public infrastructure improvements projects including drainage conveyance, gas distribution, public roadway, recreation, and bulkhead improvements. Over the years as a design professional, Mr. Poirrier has been the lead engineer on a wide range of site development and civil infrastructure improvement projects in the southeast United States, starting from project conception through project completion. He has an extensive background in stormwater management, utility conveyance design, hydrology and hydraulic analysis, site development, and is very knowledgeable in civil construction practices required to carry out a successful project. Current public clients include St. James Parish Government, St. John Parish Government, City of Gramercy, and the City of Lutchter.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Patrick S. Mathes, PE Civil Engineer
Project Assignment: Project Manager
Name of Firm with which associated: High Tide Consultants, LLC
Years' experience with this Firm: 2+ years
Education: Degree(s)/Year/Specialization: BS Civil Engineering - Louisiana State University, 2011
Active registration: Year first registered/discipline: Professional Engineer: Civil Engineer Louisiana, 2017, #42054
Other experience and qualifications relevant to the proposed Project: Patrick Mathes, has over thirteen (13) years of experience in Civil Engineering and Construction Management and is licensed in Louisiana. Patrick's experience spans both the private and public sectors, having been employed by both LADOTD and private firms. He has managed the planning and design of water, sanitary sewer, telephone, electricity, and gas utilities and has handled permitting coordination with various City, Parish/County, and State agencies and municipalities. Mr. Mathes' engineering experience includes the design of many commercial, educational, medical, and industrial developments, subdivision design and master planning, roadway design, hydrology and hydraulic modeling, stormwater management, and erosion control design. He also has a great understanding of standard construction practices from his past work experiences and a field engineer, as well as his past position with LADOTD. Current public clients include Plaquemine Parish Government, St. Tammany Parish Government and the City of Mandeville.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Caleb Frost, EI Project Engineer
Project Assignment: Project Engineer
Name of Firm with which associated: High Tide Consultants, LLC
Years' experience with this Firm: 1 year
Education: Degree(s)/Year/Specialization: BS Civil Engineering - Louisiana State University, 2023
Active registration: Year first registered/discipline: Engineer Intern: Civil Engineer Louisiana, 2024, #35664
Other experience and qualifications relevant to the proposed Project: Caleb Frost is an Engineer Intern for the State of Louisiana with 2 years experience in civil engineering while working with High Tide Consultants, LLC and his previous employer. Caleb has assisted in design for both private and public projects including commercial and industrial facilities, neighborhoods, public athletic facilities, schools, and government office buildings, as well as master planning for large scale projects (+1,000 acres). He has experience with hydrology and hydraulic modeling, site drainage analysis, neighborhood design with associated utilities, master planning, and roadway design and rehabilitation. His technical experience includes Civil 3D, Hydraflow Hydrographs, Express Modeling, and Microsoft applications for these designs and analyses.

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:	
Athletic Academic Training & Football Facility – Southeastern Louisiana University, Hammond, LA SLU Facility Planning Ken Howe, Director 985-549-2240 kenneth.howe@southeastwrn.edu	HTC provided full civil and site structural services for a new 30,000 SF, \$ 12,000,000 athletic facility at Southeastern Louisiana University. HTC's services included site, grading, drainage, erosion control, utility plans, football field turf replacement plans, and tree preservations plans.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025	\$12,000,000	\$ 1,500,000

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Nursing and Workforce Training Facility – Fletcher Technical Community College, Houma, LA Fletcher Technical Community College Eric Jeffers 985-448-7993 eric.jeffers@fletcher.edu	HTC provided full civil design services for the new 50,000 SF Nursing and Workforce Training Center at Fletcher Technical Community College in Houma, LA. HTC provided site, grading, drainage, erosion control and utility plans, regulatory permitting, conditional use approvals and construction.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$ 2,500,000	\$ 750,000

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Lake Elementary St. Amant, LA Ascension Parish School Board Jamie McKnight 225-391-7000 jmcknight@apsb.org	Project included modular building addition to accommodate 300 students. HTC provided all civil design services including access drive, drainage improvements, parish permitting and sewer upgrades.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2024	\$ 1,100,000	\$340,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Old Golden Shores Drainage Improvements Mandeville, LA City of Mandeville Keith LaGrange Public Works Director Phone Number: 985-624-3169 Email: klagrange@cityofmandeville.com	The City of Mandeville has engaged High Tide Consultants, LLC (HTC) to assess the existing drainage conditions within Old Golden Shores and provide recommendations for improvements to the primary outfall channel and improvements to the interior conveyance system throughout the subdivision. HTC engaged Intracoastal Consultants, LLC (Intracoastal) as a sub-consultant to assist with the hydrologic and hydraulic (H&H) modeling. The Old Golden Shores subdivision is located on the north shore of Lake Pontchartrain within the city limits of Mandeville. The study area is approximately 60 acres of urban land use that has a direct connection with Lake Pontchartrain. Currently, Old Golden Shores has a primary outfall channel that drains the subdivision either south towards Lake Pontchartrain or north to Bayou Chinchuba. Due to vegetation and debris within the outfall channel and undersized cross drains at Copal and Esquinance streets, the subdivision experiences flooding from localized storm events. HTC and Intracoastal performed an Alternatives and H&H Analysis to evaluate improvements to the primary outfall channel and interior improvements within the subdivision.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Estimated October 2025	\$ 3,500,000	\$ 3,500,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Cyprien FDA Analysis and Interconnectivity Study Lafourche Parish</p> <p>North Lafourche Levee District (NLLD) Mr. Arthur Ostheimer 985-537-2244 athuro@nlcddd.com</p>	<p>High Tide Consultants, LLC (HTC) is responsible for the evaluation and analysis of the existing Cyprien FDA reservoir and pump station operation along with the interconnectivity with said FDA with the adjacent Butch Hill FDA. The initial scope includes investigation of the size of the existing reservoir and its effect on the existing pump station. Also, HTC is to review data to determine the applicable water surface for the initial Pump On elevation which establishes the resting elevation in the reservoir. Lastly, HTC is investigating the benefit of connecting the two FDA's through a water control structure for emergency events.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2024	\$ 4,000,000	\$ 4,000,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bayou Lacombe Regional Detention Pond</p> <p>Lacombe, LA</p> <p>St. Tammany Parish Government Daniel Hill, PE 985-898-2552 dphill@stpgov.org</p>	<p>High Tide Consultants, LLC (HTC) is currently providing engineering and design services for the Bayou Lacombe Regional Detention Pond project in St. Tammany Project. This project included hydrologic and hydraulic modeling as well as topographic surveying services for the 68,000-acre Bayou Lacombe/Cyprus Bayou drainage basin in an effort to develop an engineering solution to lessen flooding impacts to St. Tammany Parish and the Lacombe area. The solution includes potential channel improvements and master planning a series of regional detention ponds located at the strategic locations throughout the drainage basin.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Estimated 2025	\$ 8,000,000	\$ 8,000,000

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
City of Covington Recreation Design Assistance City of Covington Erin Bivona 317 N Jefferson Ave Covington, LA 70433 985-898-4716 ebovina@covla.com	High Tide Consultants, LLC (HTC) has been selected by the city of Covington to provide design assistance for upgrades and improvements to the numerous City recreation facilities. HTC will initially assist the City in a needs assessment, scope determination, program planning, and funding procurement. In addition, as projects are identified, HTC will perform surveying (through a sub-consultant), preliminary and final design, site design, hydraulic and hydrological analysis where needed, utility assessment and design of new facilities, development of construction and bid documents, permitting, bidding assistance, construction management and residential inspection services. Projects are expected to include upgrades to playground equipment, walking and all-purpose trails, re-purposing of fields, conversion or new construction of courts, playground and other facilities, upgrades to dock and marina facilities.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Estimated 2026	\$ 2,000,000	\$ 2,000,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
United Medical Rehabilitation Hospital, Hammond, LA MGD Deluxe, LLC Warren Swenson 200 West University Ave Hammond, LA 70401 504-616-5285 wswenson@umrhospital.com	HTC provided all civil design services for a new 36,000 SF rehabilitation hospital, including site, grading, drainage, erosion control and utility plans. HTC also provided a hydraulic and hydrological study including on-site detention, regulatory permitting and construction administration.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$ 5,000,000	\$ 900,000

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
East Bank Recreation Facility Gramercy, LA St. James Parish Government Rick Webre, Operations Director Phone Number: 225-562-2500 Email: rick.webre@stjamesla.com	High Tide Consultants, LLC (HTC) served as the Project Manager and Civil Engineering consultant for this Recreational project for St. James Parish. HTC led the design team while teaming with an architectural sub-consultant for the design of this expansion. The project consisted of a 4,000 square foot expansion to an existing PEMB building purchased by the parish to serve as their main Recreational Hub. The facility was designed to include offices and meeting rooms to house the parish recreation staff. The facility also included the installation of a multi-purpose gymnasium to host their parish-wide indoor recreational sports as well as serve as the new location for the parish fitness center. HTC provided conceptual planning, design, and construction documents, bid and contract negotiation assistance, and provided construction support through the completion of the project in 2022.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	\$ 600,000	\$ 600,000

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Lutcher Library Archive Building Lutcher, LA St. James Parish Government Rick Webre, Operations Director Phone Number: 225-562-2500 Email: rick.webre@stjamesla.com	High Tide Consultants, LLC (HTC) is providing engineering services for the construction of a new stand-alone 2,000 square foot building on the campus of the existing Lutcher Library located in the Town of Lutcher, St. James Parish. The building is being constructed as a steel frame structure with exterior brick / mortar and metal roof. The relevance of the project is to provide a central location and building within the parish to support the storage of Parish archive files and documents, both paper and electronically. The archive building will contain storage filing systems and computer stations for the parish staff and public to research and access archive files contained within the parish database. The building will also allow for the on-site viewing of documents in a viewing space and a meeting room to allow for group conferences or meetings if needed. Careful consideration was given in the design of the floor plan layout and mechanical systems to ensure preservation of the physical archive documents that will be secured at this location.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2025	\$ 900,000	\$ 900,000

TEC Professional Services Questionnaire

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

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

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

HTC is a regional firm with multiple offices across south east Louisiana performing a vast array of private and public projects. The firms three partners bring over 70 years of combined experience. Below is a list of our local public clients:

- Plaquemines Parish
- St. Tammany Parish Government
- City of Mandeville
- City of Covington
- City of Slidell
- Lafourche Parish
- Terrebonne Parish
- City of Thibodaux
- St. James Parish Government
- St. Charles Parish Government
- St. Mary Parish Government
- Town of Gramercy
- Town of Lutcher
- Lafourche Parish Water District.
- Utilities, Inc.
- North Lafourche Levee District
- Assumption Parish Government
- Ascension Parish Government

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

Signature:  Print Name: Richard C. Galloway, P.E.

Title: Principal Date: 12/19/2024

Louisiana Professional Engineering and Land Surveying Board

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

Name:	Public Address:
High Tide Consultants, LLC	Mr. B. Shane Guin 700 Canal Boulevard Thibodaux, Louisiana 70301

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0005787	Active	07/21/2015	03/31/2026	Mr. Brandon Shane Guin # PE.0031745

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225-925-6291 | Fax 225-925-6227