

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 25-009 - Provide Professional Landscape Architecture Services for the Mike Miley Community Oasis Project Ecosystems and Coastal Management Department - Resolution No. 145708

B. Firm Name and Address:


Dana Brown & Associates, Inc.
 1836 Valence Street
 New Orleans, LA 70115

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:

Dana Nunez Brown, President, FASLA, PLA, LEED AP, GIP, QSM
 Louisiana Licensed Landscape Architect & Certified Planner, Certified Green Infrastructure Professional, and Qualified Stormwater Manager
 Landscape Architect No. B-360; AICP No. 021644
 504.345.2639
 dbrown@danabrownassociates.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.

Dana Nunez Brown, President, FASLA, PLA, LEED AP, GIP, QSM
 Louisiana Licensed Landscape Architect & Certified Planner, Certified Green Infrastructure Professional, and Qualified Stormwater Manager
 Landscape Architect No. B-360; AICP No. 021644
 504.345.2639
 dbrown@danabrownassociates.com

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

<u>1</u> Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
___ Civil Engineers	___ Interior Designers	___ Project Managers
___ Construction Inspectors	<u>6</u> Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
___ Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors		<u>7</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 N/A

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

Name & Address:	Speciality:	Worked with Firm Before (Yes or No):
1. Design Engineering, Inc. 3330 W.Esplanade Ave, Ste 205 Metairie, Louisiana, 70002	Civil Engineering, H&H Modeling	Yes
2. Urban Systems, Inc. 2000 Tulane Ave, Suite 200 New Orleans, LA 70112	Traffic Engineering	Yes
3. Marrero Couvillion Associates 3525 Hessmer Ave., #304 Metairie, LA 70002	Mechanical, Electrical, & Plumbing Engineering	Yes
4. Gulf South Engineering & Testing, Inc. 15 Veterans Memorial Blvd. Kenner, LA 70062	Geotechnical Engineering, Laboratory Testing	Yes
5. BFM Corporation, LLC 15 Veterans Memorial Blvd. Kenner, LA 70062	Surveying	Yes

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

_____ 4 personnel not listed in Section E (Drafter, Editor, Specialists) will also work on 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:

Dana Nunez Brown, President, FASLA, PLA, AICP, LEED AP, GIP, QSM

Project Assignment:

Landscape Architect, Green Infrastructure Professional, Planner

Name of Firm with which associated:

Dana Brown & Associates, Inc.

Years' experience with this Firm:

22

Education: Degree(s)/Year/Specialization:

Master of Landscape Architecture, Harvard Graduate School of Design, 1981
Bachelor of Landscape Architecture, LSU, 1979

Active registration: Year first registered/discipline:

Louisiana licensed Landscape Architect, No. B-360, 1983
AICP No. 021644
Green Infrastructure Professional (GIP) No. 1557

Other experience and qualifications relevant to the proposed Project:

Dana Brown has over 45 years of experience as a landscape architect and planner, managing projects with a wide range of sizes and budgets. She is a licensed Landscape Architect, a LEED Accredited Professional, a Certified Planner, and a Fellow of the American Society of Landscape Architects. She is widely recognized in Louisiana and across the Gulf Coast as a leader in green infrastructure design, having designed and seen built millions of dollars worth. Dana teaches the National Green Infrastructure Certified Professional (NGICP) and the Quality Stormwater Manager (QSM) courses at Delgado's Workforce Development River City Campus. Dana's work focuses on urban design, park design, stormwater management, and community engagement. She has been complimented by officials of New Orleans, Gretna, Hammond, Lafayette, Baton Rouge, Lake Charles, Houma, and others on her authentic interaction with stakeholders and members of the public to create memorable and functional spaces. Dana is also the author of "Using Plants for Stormwater Management: A Green Infrastructure Guide for the Gulf South."

TEC Professional Services Questionnaire

Bayou Metairie Park (Metairie, LA); June 2019 - Sept. 2021; Principal-in-Charge

DBA designed Bayou Metairie Park to serve as a gathering hub and functions as a traditional passive recreation space. This design creates a sense of place for the community and improves everyday and special event usability. DBA's design of Bayou Metairie Park addresses localized flooding in a quickly developing commercial area of Metairie Road. The park is situated between Metairie Lawn and Labarre Drive - an area known for experiencing frequent flooding. Preserving this open green space and installing permeable pavement and bioretention areas with water-loving native plants further increases the site's stormwater storage capacity. The park is a precedent for natural, multi-benefit stormwater management as well as an educational opportunity for the community. The park can store more than 32,000 gallons of stormwater.

Extensive engagement with community organizations enabled DBA to design the park to accommodate many events. New lighted entry signs greet visitors to the park, which is in a highly trafficked area. An entertainment pavilion, event lawn, seatwalls, additional shade trees, boardwalks over bioretention areas, parking spaces, a 195-foot-long mural illustrating the area's significant historic events and people, and educational signage complete the park. Since its implementation, the Old Metairie Garden Club has hosted music and movie nights along with regular farmers' markets.

Pontilly Hazard Mitigation Project (New Orleans, LA); March 2012 - Nov. 2021; Principal-in-Charge

DBA was part of the multi-disciplinary team that designed a hazard mitigation plan to reduce localized flooding for two minority neighborhoods, Pontchartrain Park and Gentilly Woods that experience repetitive flood damage. The \$14.5 million project was the first FEMA HMGP project to include green infrastructure as a compliment to typical drainage infrastructure improvement.

The design includes improvements across the 900-acre neighborhood that respond to the urban fabric while managing stormwater in a sustainable and holistic manner. DBA worked closely with the project engineers to analyze existing site conditions and to develop concepts that were iteratively modeled to evaluate the most hydrologically effective green infrastructure interventions.

The project features various forms of green infrastructure facilities, including 38 stormwater lots; 13 blocks of urban bioswales; a 90,500 square foot bioswale along the golf course; and 24 bioretention cells in street basins at intersections.

Gretna Downtown Drainage (Metairie, LA); Nov 2016-Oct 2020; Principal-in-Charge

To address localized flooding and improve pedestrian safety in Historic Downtown Gretna, DBA led the design and construction administration of an urban design and stormwater management project that transformed the public space in front of Gretna City Hall. The CDBG funded project included the redesign of an open space located between northbound and southbound Huey P. Long Avenue, a corridor lined with businesses and government buildings.

Numerous forms of green infrastructure and public gathering spaces were designed including pervious paver pathways and parking spaces, subsurface storage tanks, and tree cells. Intersections were retrofitted with street basins that collect runoff from adjacent hardscapes into bioretention cells. These not only collect stormwater but also reduce the distance pedestrians must walk when crossing vehicular lanes, improving pedestrian safety and circulation at Gretna City Hall and surrounding businesses.

In total, the redesign of the public space removed approximately 40 percent of the existing impervious surfaces. The green infrastructure facilities have the capacity to detain and filter over 14,600 cubic feet (109,216 gallons) of stormwater runoff.

Richard Lee Park (New Orleans, LA); Nov 2012-Aug 2013 (Master Plan); Oct 2022-Present (Design & Construction); Principal-in-Charge

DBA prepared the master plan and conducted extensive community engagement during the process. Subsequently, DBA was selected to design the project, prepare construction documents, and conduct construction administration. Construction documents are currently underway.

Richard Lee Park is an 8-acre park in the Lower Ninth Ward that was once the site of a public elementary school that was destroyed by flooding. Park design features include a high school-sized baseball field, large picnic pavilions, a new 2500 square-foot building with restrooms, concessions, and equipment storage; a skateboard friendly plaza; a terraced lawn for events; walking trails; and gateways into the park from the surrounding neighborhood and new school. Stormwater management facilities we designed to integrate into the site and to reduce flood risk in this flood-prone neighborhood.

TEC Professional Services Questionnaire

Norman Playground (New Orleans, LA); Feb 2015-Nov2015 (Master Plan); Nov 2018-Oct 2019 (Design & Construction);
Principal-in-Charge

For the City of New Orleans, DBA conducted extensive community engagement events and prepared the master plan for the playground. DBA was then hired to design the park, prepare construction documents, and conduct construction administration.

Norman Playground is a six acre park located in Algiers. Our goal was to design a legible landscape, which orchestrates a seemingly natural arrangement of uses: exercise, athletic games, play, and outdoor leisure. DBA's design restored the basketball court and canopy, replaced the playground equipment, and re-engineer the multi-purpose ball field.

The design also integrates green infrastructure facilities to help manage stormwater runoff and reduce the risk of localized flooding. Norman Playground has proven to be a landmark for the community, providing visitors a multitude of recreation options coupled with a strong sense of place, accessibility, and security.

Stallings Gentilly Playground (New Orleans, LA); Jan 2015-Jan 2017; *Principal-in-Charge*

DBA was hired to design renovations to Stallings Gentilly Playground in the Fair Grounds Neighborhood. Park improvements included pedestrian-scale site lighting, improving pedestrian circulation through the park, improving adjacent sidewalk conditions, creating accessibility to the existing concession window, improving the baseball field, and new fencing.

DBA designed field improvements at Stallings Playground to accommodate the heavily used multi-purpose practice field. The field had typically remained wet long after rainfall events, leaving it unusable at worst and left with deep divots and damaged grass cover at best. DBA designed a fiber-reinforced field with a high infiltration rate and subsurface storage in sand and aggregate layers. Stormwater that falls on the field infiltrates quickly allowing the grass cover to dry out and the field to be playable soon after storms. DBA designed the field with sprigged Celebration Bermuda grass, a hardy grass variety that withstands the impact of dozens of children playing on the field every day.

Additional projects for which Dana served as the Principal-in-Charge or the Project Manager are:

Tuten Park, Lake Charles, LA; 24-acre forested park in urban Lake Charles. DBA prepared master plan; design and construction featuring bioswales, bioretention cells, reforestation, and an environmental education pavilion.

Dillard University, New Orleans, LA; DBA designed and oversaw construction of outdoor spaces for the new Professional Schools Building and Student Union area; design included pedestrian circulation, plazas, pervious parking lot, bioswales, stormwater planters, bioretention cells, runnels, a green roof, and rainwater harvesting for use in a central fountain feature; project received LEED Gold Certification.

Maumus Center, Arabi, LA; DBA designed green infrastructure to collect stormwater from a new planetarium and science learning center; the site is designed as an environmental education facility for students from throughout St. Bernard Parish.

Hillcrest Park, Lake Charles, LA; To provide passive recreation environmental education DBA designed runnels to collect street stormwater runoff and divert water into bioswales and bioretention cells; a prairie area established to exhibit the landscape that used to cover much of Southwest Louisiana; educational signage for park users and students from the adjacent school.

New Orleans City Park, New Orleans, LA; City Park hired DBA to design a number of planning and design projects over the years, including a Constructed Wetland at the Festival Grounds, Green Infrastructure for a new maintenance building, new pedestrian pathways and crosswalks, and an innovative stormwater management strategy for a 2.25-acre parking lot which features a large bioretention cell and no catchbasins.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Danielle Duhe, Principal, PLA, ASLA

Project Assignment:

Landscape Architect, Planner, Native Plant Specialist

Name of Firm with which associated:

Dana Brown & Associates, Inc.

Years' experience with this Firm:

12

Education: Degree(s)/Year/Specialization:

Bachelor of Landscape Architecture, LSU, 2012

Active registration: Year first registered/discipline:

Louisiana licensed Landscape Architect, No. D-277, 2019

Other experience and qualifications relevant to the proposed Project:

Danielle Duhe is a Principal and licensed Landscape Architect at DBA with over 12 years of experience in outreach and education, park planning and design, and in the design and construction of stormwater management facilities. Danielle has worked on a number of projects that have focused on pedestrian safety through design strategies, all while incorporating green infrastructure facilities. She is a consummate project manager, giving great attention to design, budget, and schedule while never losing sight of a project's purpose and goals. She has served as Principal-in-Charge or Project Manager for over 50 built projects. Danielle is skillful at managing multiple projects simultaneously while also providing excellent service to her clients. Danielle is a very active volunteer in the community, leading tours of green infrastructure, speaking at community events, and bringing her professional experience in design to her personal involvement in improving her hometown.

TEC Professional Services Questionnaire

DPS-01 Drainage & Green Infrastructure (New Orleans, LA); Sept. 2015 - on-going; Project Manager

The DPS-01 Drainage & Green Infrastructure project approach to reduce flooding throughout eight neighborhoods of the city and to reduce the stress on the drainage system by two separate means: incorporating a system of distributed green infrastructure throughout the project area and taking advantage of the increased drainage capacity provided by the Southeast Louisiana (SELA) flood control projects. The project is funded by the FEMA Hazard Mitigation Grant Program for green and grey infrastructure improvements.

DBA worked with project engineers to plan, model, and design a series of green infrastructure facilities to reduce downstream/downpipe flooding in neighborhoods that lie at some of the lowest elevations of the city. Green infrastructure facilities in the project area include stormwater detention lots, street basins, pervious paving, urban bioswales, and subsurface storage. DBA designed five stormwater parks across the project area that have subsurface storage under the fields. The subsurface storage tanks are topped with aggregate and high performance soil. These improvements will reduce localized flooding and allow the parks to be used more quickly after rain events.

The project has been divided into two phases. Phase 1 of the project is currently under construction with a budget of \$40M. The stormwater parks and lots in Phase 1 have an estimated capacity to detain over 650,000 cubic feet of stormwater runoff.

Lafitte Greenway Broad to Bayou Master Plan (New Orleans, LA); June 2023 - April 2024; Project Manager

DBA was hired to complete an update to the Lafitte Greenway Master Plan from Broad Street to Bayou St. John. The master plan aims to prioritize the needs of the community, enhance user experience and safety, and address environmental concerns such as urban heat-island effect and localized flooding, while also increasing urban wildlife habitat. DBA lead the public engagement efforts for the project planning to reach over 400 individuals through online surveys, event pop ups, open house workshops, and virtual meetings.

DBA collected data and feedback from the public engagement, analyzed the results, and developed a master plan for various programmatic activities while incorporating space for passive recreation and stormwater management. Improvements to the project site include a stormwater park, boardwalks, improved plaza space, green parking lots, event facilities, a splash pad, skateable paths, and site elements including additional bridges over the canal, and transit plazas at the intersection of Broad Street.

Citywide Parks & Playground Package 3 (New Orleans, LA); June 2020 - Jan. 2023; Project Manager

DBA was hired to complete the design for three parks owned by the New Orleans Recreation Development Commission as part of one construction document package. The parks were Peace Playspot, Boe Playspot, and Sampson Playground. DBA designed a new basketball court, new playground equipment, playground safety surfacing, fencing replacement, entry signs, and ensured every facility in each of the parks was accessible with pathways.

Alma Peters Playground Upgrades (New Orleans, LA); June 2020 - July 2022; Project Manager

DBA was selected to design renovations for Alma Peters Playground located in Uptown New Orleans. The park was composed of several play elements that were disconnected around the site. DBA completed a design for the playground that included creating equal access to all site elements, upgrading the existing rusted or broken play equipment, installation of new playground safety surfacing, installation of a shade sail over the playground equipment, and site furnishing. DBA designed a pervious flexible pavement pathway to connect a site entrance to the existing court and play equipment that transverse existing live oak tree roots. The pervious flexible paving allows the tree roots to expand and water to filter through, preventing any cracking that would typically occur when using a traditional concrete sidewalk.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Chad Wilkins, Senior Associate, PLA, ASLA, CNLP, GIP
Project Assignment:
Landscape Architect, Construction Documents and Construction Administration Expert, Native Plant Specialist
Name of Firm with which associated:
Dana Brown & Associates, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
Bachelor of Landscape Architecture, LSU, 2022
Active registration: Year first registered/discipline:
Louisiana licensed Landscape Architect, No. W-268, 2023 Louisiana Licensed Landscape Horticulturist, No. 3086, 2007 Certified Green Infrastructure Professional (GIP), 2021 Certified Nursery and Landscape Professional, 2010
Other experience and qualifications relevant to the proposed Project:
Chad's years of experience as a General Contractor and Landscape Horticulturist provided a broad background in construction before becoming a Landscape Architect. He is relied upon at DBA for QA/QC review of construction documents and for his expertise in how project features can be built. Chad has managed numerous projects, including parks, streetscapes, schools, trails, and green infrastructure projects. He is particularly adept at construction administration and communicating with construction contractors. Chad is an active member of communities in Southeast Louisiana and enthusiastically offers his time to work with non-profit organizations that are addressing localized flooding in their communities. In his pro bono efforts, he meets with community members and designs, prepares construction documents, obtains permits, and conducts construction administration for small green infrastructure projects.

TEC Professional Services Questionnaire

5th Street (Gretna, LA); Oct 2022 - Present (Design & Construction); Project Manager

DBA completed the 5th Street Corridor Stage 0 Feasibility Study in 2016, and is now under contract to design the project, prepare construction documents, and conduct construction administration. DBA staff are always thrilled to see the recommendations from earlier studies and master plans come to fruition.

The City of Gretna is committed to revitalizing the bustling 5th Street corridor by leveraging the public right-of-way to promote economic development, enhance safety, and improve connectivity. DBA is working with project engineers to completely reimagine the right-of-way by incorporating a neutral ground, green infrastructure, improved drainage, a multi-use path, pervious paver parking lanes, trees, and shrubs.

DBA designed pervious pavers in the newly added parallel parking lanes that will reduce localized flooding along the corridor. The pavers have an estimated capacity to detain and filter roughly 18,175 cubic feet (135,958 gallons) of runoff. DBA also designed native trees and shrubs to be installed in the neutral ground and along the pedestrian sidewalks and multi-use paths, which will provide shade and reduce the urban heat island effect. The native plants will also minimize long-term maintenance requirements for City staff. DBA is currently preparing construction documents.

City of Central City Hall (City of Central, LA); Dec 2024 - Present; Project Manager

The City of Central hired DBA to design outdoor spaces for the new City of Central City Hall. DBA worked closely with the project architect and engineer to create a new design for this part of East Baton Rouge Parish. DBA's landscape design for the new City Hall serves as a model for innovative stormwater management, seamlessly blending functionality with beauty. By incorporating green infrastructure such as rain gardens, permeable surfaces, and biofiltration systems, the design reduces the volume of gray water entering the City's pipes while naturally filtering out contaminants. Thoughtfully arranged native plantings and sculpted water channels mitigate flooding risks and create a dynamic and visually striking environment. This approach demonstrates how urban spaces can integrate ecological resilience, sustainability, and aesthetics, setting a precedent for future developments in the City of Central.

Crown Park (New Orleans, LA); June 2023 - July 2024; Project Manager

Located next to Fire Station #2 in Downtown New Orleans, Crown Park was born from the efforts of the Downtown Development District (DDD) to create a vibrant, inclusive downtown community. The park honors the CROWN Act, which prohibits discrimination based on hair style and texture, by transforming the space into an inclusive urban sanctuary, reflecting the Act's protective and unifying mission since its passage in 2022.

By integrating a mural created by Journey Allen with native plants, Crown Park symbolizes the DDD's commitment to both cultural and ecological diversity. The space celebrates Louisiana's biodiversity, earning gold certification from the Louisiana Certified Habitat Program (LCHP) hosted by the Louisiana Native Plant Society (LNPS).

DBA completed the design for the 2,000 square feet of flexibly designed areas, including picnic seating spaces, concrete pavers, and a brick monument sign. The landscape showcases Louisiana native plants and supports local biodiversity with native trees, shrubs, and meadow seeding mixtures. This environmentally conscious design fosters sustainability while enhancing the livability of downtown, offering spaces for relaxation, recreation, and community events.

TEC Professional Services Questionnaire

New Washington School (Metairie, LA); July 2024 - Present; Project Manager

The Jefferson Parish School Board is developing a new STEM focused school in Metairie, the New Washington School. Beginning with conceptual design and continuing through construction administration, DBA was hired to design green infrastructure and outdoor spaces for the school. Construction is currently underway. DBA designed and prepared construction documents for an outdoor classroom around STEM classrooms, outdoor teacher's lounge, play structures for ages 2 to 5 and 5 to 12, outdoor seating areas at the cafeteria/gymnasium building, a multi-purpose sports field, and site planning. Unique features DBA has designed into this project are a see-through, flow-through stormwater planter and bioretention cells to aid in environmental and stormwater management education.

Jefferson Parish Mixed Use Development (Gretna, LA); April 2023 - Present; Project Manager

DBA was hired by the project architect to provide landscape architecture and green infrastructure design services for a new parking structure in downtown Gretna. The site is located at 152 Huey P. Long, bound to the west by Derbigny St., and Huey P. Long Ave. to the east. The southern boundary is 2nd St. and to the north is the existing Second Parish Courthouse and Fifth Circuit Court of Appeals buildings. DBA designed site grading, pedestrian hardscape areas and walkways, plantings, and stormwater management facilities, including calculations for the area surrounding the new parking garage. The project is currently under construction.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Ry'yan Clark, Senior Associate, PLA, ASLA, GIP

Project Assignment:

Landscape Architect, Native Plant Specialist

Name of Firm with which associated:

Dana Brown & Associates, Inc.

Years' experience with this Firm:

3

Education: Degree(s)/Year/Specialization:

Master of Science in Plant Biology & Conservation, Northwestern University, 2022
Bachelor of Landscape Architecture, LSU, 2017

Active registration: Year first registered/discipline:

Louisiana licensed Landscape Architect, No. C-342, 2024

Other experience and qualifications relevant to the proposed Project:

Ry'yan's landscape architecture design approach integrates art theory and leverages his technical knowledge to foster community engagement and reach consensus. He is highly experienced in planning and designing native plantings and utilizing diverse plant color palettes that fulfill both the aesthetic and functional requirements of each project. As a result, Ry'yan has proven to be an invaluable resource for environmental design and education, including consideration for bird, fish, and wildlife needs. Ry'yan is experienced in the design of stormwater management facilities, master planning, site design, planting design, and the planning and design of parks and recreational facilities. He pays great attention to detail throughout the duration of projects he manages, including communications with clients and permit agencies, thoroughness in understanding existing site conditions, and preparing construction drawings and specifications.

TEC Professional Services Questionnaire

Richard Lee Park (New Orleans, LA); Oct 2022 - Present (Design & Construction); Project Manager

DBA was selected to design the project, prepare construction documents, and conduct construction administration. Preparation of construction documents is currently underway.

Richard Lee Park is an 8-acre park in the Lower Ninth Ward that was once the site of a public elementary school that was destroyed by flooding. Park design features include a high school-sized baseball field; large picnic pavilions; a new 2,500 square-foot building with restrooms, concessions, and equipment storage; a skateboard friendly plaza; a terraced lawn for events; walking trails; and gateways into the park from the surrounding neighborhood and new school. Stormwater management facilities were designed to integrate into the site and to reduce flood risk in this flood-prone neighborhood.

The park was specifically designed for the wide range of age groups within the Lower Ninth Ward and will serve as an asset by providing space to increase recreational opportunities in the community.

Gretna Resilience District - 25th Street (Gretna, LA); Mar 2021 - Present; Project Manager

As part of the City of Gretna's continued commitment to reduce flood risk and improve the city's streets, plazas, and parks, the City established the Gretna Resilience District. After seeking and obtaining funding, the City hired DBA, as a subconsultant to the project engineer, to retrofit the 25th Street Canal. To reduce the community's flood risk the project incorporated other improvements to meet the needs of the disinvested community. DBA designed green infrastructure along the canal corridor and improved 25th Street by applying Complete Streets principles, providing pedestrian pathways and bicycle network connections.

Southern University of New Orleans Nursing School (New Orleans, LA); Oct 2023 - Present; Project Manager

The eastern half of the SUNO campus, near the intersection of New York Street and Campus Blvd., is an area that often floods during rain events. As part of the project to design and build a new Nursing School, the project aims to reduce localized flooding in the area. DBA was hired as a subconsultant to the architect to prepare stormwater calculations, design green infrastructure, design the site's grading, and design plantings for the Nursing School. Green infrastructure within the two-acre site is designed to include bioretention cells and permeable paving.

University Lakes (Baton Rouge, LA); April 2021 - Present; Plants Specialist, Green Infrastructure Design, Lake Restoration, Construction Documents & Administration

The University Lakes Restoration project is a strategic effort to revitalize the six lakes into a world-class destination of recreation and biodiversity in the heart of Baton Rouge. The four main goals of the project are to provide a more sustainable aquatic system, increase flood protection, enhance environmental performance, and improve and diversify recreational uses. The restoration project aims to reduce persistent challenges faced in the University Lakes watershed by lowering the depth of the lakes systems and redesigning the shoreline to mimic the functions of a natural wetland system. The restoration efforts are designed to reduce the amount of sediment flowing into the lakes, raise the stormwater storage capacity of the lakes, and increase the oxygen levels. The environmental benefits as a result include the reduction of fish kills and algae bloom occurrences. The restoration plan also aims to integrate passive and active recreational opportunities for the unique demographic mix near the lakes. The plans create spaces for young and senior families and wildlife enthusiasts, including boardwalks, observation piers, and creative play spaces.

DBA was hired as the local landscape architect to design the native planting typologies along the edges of the lakes. The planting typologies include native plant palettes that are both aesthetically stimulating for users of the programmed spaces and ecologically robust. They are designed to enhance shoreline stabilization of the dredge material that is being reused to expand the lakes' edges. The native plants are designed to support migratory and resident species along major wildlife migration corridors, most notably the Mississippi Flyway, by creating habitat and also to aid in the restoration of threatened species facing population decline. The landscape typologies are differentiated into zones based on the soil type and availability of water best suited to support native plant species.

DBA prepared detailed design and construction documents for the first phases of the project and is beginning design of subsequent phases. DBA is conducting construction administration and will do so throughout the extended construction period of this complex and vast project.

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Richard Lee Park Master Plan 2200 Andry Street New Orleans, LA</p> <p>Client: City of New Orleans CPA Vincent Smith viasmith@nola.gov (504) 658-8666</p> 	<p>DBA was selected to design the project, prepare construction documents, and conduct construction administration. Preparation of construction documents is currently underway.</p> <p>Richard Lee Park is an 8-acre park in the Lower Ninth Ward that was once the site of a public elementary school that was destroyed by flooding. Park design features include a high school-sized baseball field; large picnic pavilions; a new 2,500 square-foot building with restrooms, concessions, and equipment storage; a skateboard friendly plaza; a terraced lawn for events; walking trails; and gateways into the park from the surrounding neighborhood and new school. Stormwater management facilities were designed to integrate into the site and to reduce flood risk in this flood-prone neighborhood.</p> <p>The park was specifically designed for the wide range of age groups within the Lower Ninth Ward and will serve as an asset by providing space to increase recreational opportunities in the community.</p> 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Anticipated September 2026	\$4.4 million	\$2.7 million

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. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Stallings Gentilly Playground 1600 Gentilly Blvd. New Orleans, LA</p> <p>Client: City of New Orleans, Capital Projects Administration Ngoc Dang (no longer with CNO) Haley Delery (in planning department now) hdelery@nola.gov</p>	<p>DBA was hired to design renovations to Stallings Gentilly Playground in the Fair Grounds Neighborhood. Park improvements included pedestrian-scale site lighting, improving pedestrian circulation through the park, improving adjacent sidewalk conditions, creating accessibility to the existing concession window, improving the baseball field, and new fencing.</p> <p>DBA designed field improvements at Stallings Playground to accommodate the heavily used multi-purpose practice field. The field had typically remained wet long after rainfall events, leaving it unusable at worst and left with deep divots and damaged grass cover at best. DBA designed a fiber-reinforced field with a high infiltration rate and subsurface storage in sand and aggregate layers. Stormwater that falls on the field infiltrates quickly allowing the grass cover to dry out and the field to be playable soon after storms. DBA designed the field with sprigged Celebration Bermuda grass, a hardy grass variety that withstands the impact of dozens of children playing on the field every day.</p> 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2017	\$360,281	\$297,000

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. 3

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Hillcrest Park 2601 Hillcrest Drive Lake Charles, LA 70615</p> <p>Client: City of Lake Charles Michael Castille, Director of Parks and Recreation michael.castille@cityoflc.us (337) 491-1280</p>	<p>Hillcrest Park, located in Southeast Lake Charles, received a 2018 Great Urban Parks Campaign Grant to accomplish two main goals: to improve the usability of 4 acres of parkland located along a drainage lateral and to employ the site to manage stormwater in the surrounding underserved community. The area is prone to flooding and the park is an ideal location within the sub-watershed to manage stormwater using green infrastructure. DBA took advantage of the site's natural topography to create a large bioswale planted with native, water-loving plants that detain stormwater runoff, filter out pollutants, and promote filtration. Additionally, the new trail loop around the park, bench seating, a picnic area, and an outdoor classroom space provide more opportunity for passive recreation. Interpretive signage throughout the park will help to educate visitors about multiple functions and benefits of the green infrastructure.</p>	
	<div style="display: flex; justify-content: space-around;">    </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
October 2021	\$241, 267.80	\$241,267.80

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. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Allie Mae Williams Multiservice Center 2020 Jackson Avenue New Orleans, LA 70113</p> <p>Client: City of New Orleans Capital Projects Administration Miguel Viteri jmviteri@nola.gov (504) 658-8629</p> 	<p>DBA worked with the project architect to redesign portions of the two-acre Allie Mae Williams Center site to accommodate updated landscape and stormwater management. DBA calculated stormwater runoff and designed the stormwater management system to collect rainwater from around the campus into subsurface storage tanks. The tanks include an outfall flow regulator to slow stormwater leaving the tanks and the site. DBA also designed the site grading and planting.</p> 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2020	\$5,258,774	\$247,000

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. 5

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bayou Metairie Park 2713 Metairie Road Metairie, LA</p> <p>Client: Jefferson Parish Leo Webb leo.webb@jeffparish.gov</p>  	<p>DBA designed Bayou Metairie Park to serve as a gathering hub and functions as a traditional passive recreation space. This design creates a sense of place for the community and improves everyday and special event usability. DBA's design addresses localized flooding in a quickly developing commercial area of Metairie Road. The park is situated between Metairie Lawn and Labarre Drive - an area known for experiencing frequent flooding. Preserving this open green space and installing permeable pavement and bioretention areas with water-loving native plants further increases the site's stormwater storage capacity. The park is a precedent for natural, multi-benefit stormwater management as well as an educational opportunity for the community. The park can store more than 32,000 gallons of stormwater.</p> <p>Extensive engagement with community organizations enabled DBA to design the park to accommodate many events. New lighted entry signs greet visitors to the park, which is in a highly trafficked area. An entertainment pavilion, event lawn, seatwalls, additional shade trees, boardwalks over bioretention areas, parking spaces, a 195-foot-long mural illustrating the area's significant historic events and people, and educational signage complete the park. Since its implementation, the Old Metairie Garden Club has hosted music and movie nights along with regular farmers' markets.</p> 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2021	\$509,384.20	\$473,000

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.


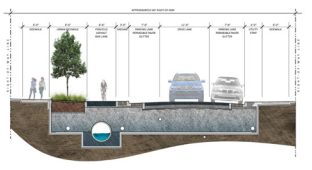
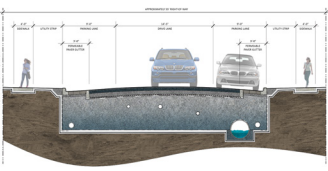
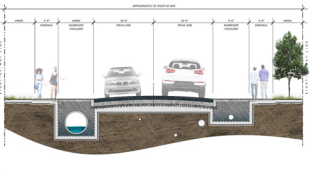

PROJECT NO. 6

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Gretna Downtown Drainage Phase 1 Getna, LA</p> <p>Client: City of Gretna Mayor Belinda Constant bconstant@gretnala.com Amelia Pellegri apellegri@gretnala.com (504) 363-1568</p> <div style="display: flex; flex-direction: column; align-items: center;">    </div>	<p>To address localized flooding and improve pedestrian safety in Historic Downtown Gretna, DBA led the design and construction administration of an urban design and stormwater management project that transformed the public space in front of Gretna City Hall. The CDBG funded project included the redesign of an open space located between northbound and southbound Huey P. Long Avenue, a corridor lined with businesses and government buildings.</p> <p>Numerous forms of green infrastructure and public gathering spaces were designed including pervious paver pathways and parking spaces, subsurface storage tanks, and tree cells. Intersections were retrofitted with street basins that collect runoff from adjacent hardscapes into bioretention cells. These not only collect stormwater but also reduce the distance pedestrians must walk when crossing vehicular lanes, improving pedestrian safety and circulation at Gretna City Hall and surrounding businesses.</p> <p>In total, the redesign of the public space removed approximately 40 percent of the existing impervious surfaces. The green infrastructure facilities have the capacity to detain and filter over 14,600 cubic feet (109,216 gallons) of stormwater runoff.</p> <div style="text-align: center;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2020	\$2,105,054.33	\$1.02 million

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. 7

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>DPS-01 Drainage & Green Infrastructure Project (Phase 1) New Orleans, LA</p> <p>Client: City of New Orleans Project Delivery Unit (PDU) Erika Boerr eboerr@nola.gov (504) 658-8475</p>   <p>BARONNE STREET</p>  <p>PHILIP STREET</p>  <p>TONTI STREET</p>	<p>The DPS-01 Drainage & Green Infrastructure Project, located in New Orleans' Central City and benefiting the Broadmoor, Central City, and six other neighborhoods, is designed to reduce flood risk and to reduce the stress on the existing municipal drainage system. The stormwater management strategy employs two separate means: implementing a system of distributed green infrastructure throughout the project area and taking advantage of the increased drainage capacity provided by the Southeast Louisiana (SELA) flood control projects. The project is funded by the FEMA Hazard Mitigation Grant Program for green and grey infrastructure improvements.</p> <p>DBA worked with project engineers to plan, model, and design a series of green infrastructure facilities to reduce downstream/downpipe flooding in neighborhoods that lie at some of the lowest elevations of the city. The green infrastructure facilities will also serve to interpret, filter, and store stormwater runoff where it lands, all while promoting infiltration into the subsurface soils, therefore reducing subsidence. Green infrastructure facilities in the project area include stormwater detention lots, street basins, pervious paving, urban bioswales, and subsurface storage.</p> <p>The project has been divided into two phases. Phase 1 is currently under construction with a budget of \$39.6 million. The stormwater parks and lots in Phase 1 have an estimated capacity to detain over 650,000 cubic feet of stormwater runoff.</p> 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Anticipated December 2025	\$39.6 million	\$9.3 million

TEC Professional Services Questionnaire

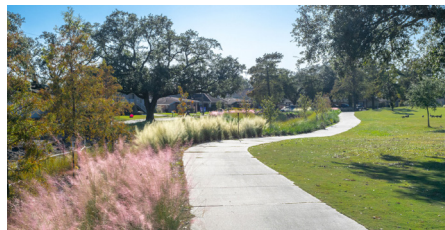
L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 8

Project Name, Location and Owner's contact information:

**Pontilly Stormwater Management
New Orleans, LA**

Client: New Orleans
Redevelopment Authority (Design
Phase); City of New Orleans DPW
(Construction Phase)
Meagan Williams
SW Program Director for CNO
memwilliams@nola.gov
(504) 658-6420



Nature of Firm's Responsibility:

DBA was part of the multi-disciplinary team that designed a hazard mitigation plan to reduce localized flooding for the two minority neighborhoods, Pontchartrain Park and Gentilly Woods, that experience repetitive flood damage. The \$14.5 million project was the first FEMA Hazard Mitigation Grant Program (HMGP) project in the nation to employ green infrastructure as a complement to typical drainage infrastructure improvements.

The design includes improvements across the 900-acre neighborhood that respond to the urban fabric while managing stormwater in a sustainable and holistic manner. DBA worked closely with the project engineers to analyze existing site conditions and to develop concepts that were iteratively modeled to evaluate the most hydrologically effective green infrastructure interventions.

The project features various forms of green infrastructure facilities, including 38 stormwater lots, 13 blocks of urban bioswales, a 90,500 square foot bioswale along the golf course, and 24 bioretention cells in street basins at intersections.



Completion Date (Actual or estimated):

November 2021

Estimated Cost:

Entire Project:

\$14.5 million

Work for which Firm was Responsible:

\$2.1 million

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. 9

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Maumus Center 721 Francisville Avenue Arabi, LA 70032</p> <p>Client: St. Bernard Parish School Board Gena Asevado Maumus Center Director gena.asevado@sbpsb.org (504) 301-2000</p> <div style="display: flex; flex-direction: column; align-items: center;">    </div>	<p>DBA was commissioned by the project architect to collaborate on the site plan for the new science building at the former Maumus High School complex in St. Bernard Parish. The site's primary goal is to provide students, and the community, opportunities for lifelong learning through interactive exhibits. The Center includes a planetarium, food science lab, theater, and exhibit rooms.</p> <p>DBA was responsible for the planning and design of the Center's stormwater management system that manages 14,000 gallons of stormwater runoff collected from the roof of the new planetarium through a series of bioretention cells and bioswales. Students from all over the Parish visit the Center throughout the school year and during the summer break to learn about Hurricane Katrina's flooding impacts on the Parish and how stormwater management can help reduce localized flooding in less intensive and more frequent storm events.</p> <div style="text-align: center;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
August 2015	\$22 million	\$803,000

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. None		
2.		
3.		
4..		

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

Dana Brown & Associates is a professional landscape architecture and planning firm whose mission is to create beautiful and functional landscapes that respond to the ecology of the land and reflect the cultural heritage of the community. DBA is well-known in the region as the go-to landscape architecture firm for creative designs, as well as for meaningful engagement with stakeholders and the public, highly responsive client service, and meeting project schedules and budgets. Our portfolio of built works includes public and private design of urban plazas, parks, and playgrounds, as well as urban forest restoration, streetscapes, school sites, residential communities, mixed-use developments, and green infrastructure located across the Gulf South.

DBA shares a distinct vision for designing in our region with a commitment to culturally significant public spaces, ecologically based sustainable infrastructure, and the clarity of simple, beautifully crafted plans and policies based on the principles of resilience. One of the firm's hallmarks is the integration of design and science in all our projects. We develop a deep understanding of the project site and its context above and below ground, enabling us to design for resiliency and sustainability that is specifically focused on the area.

DBA understands that managing stormwater as a major infrastructure system can contribute to or detract from the character and livability of neighborhoods due to the intensity and frequency of rain events. *(Cont'd on next page)*

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

Signature: 

Print Name: Dana Nunez Brown, FASLA, PLA, LEED AP, GIP, QSM

Title: President

Date: 4/3/23

TEC Professional Services Questionnaire

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

Localized flooding repeatedly occurs in parts of the region, which in turn disrupts transportation, economic activities, and the lives of its residents, as well as damages property.

DBA has experience in resolving flooding and water quality issues after years of practice and extensive research on green infrastructure throughout southeast Louisiana. Conventional wisdom directs us to collect, convey, and dispose of the rainwater as quickly as possible. This approach is flawed as it creates downstream flooding problems, is quite expensive, and treats water as something to be discarded. Our green infrastructure designs not only reduce localized flood risk, but also naturally treat polluted runoff to improve water quality. Our designs are based on science, science that works.

DBA offers our extensive experience in green infrastructure design and stormwater calculations, parks and recreation design, site design, and hazard mitigation planning and design. On many of our projects, we have worked either in the lead or in collaboration with engineers and architects in developing site plans, creating designs, and preparing construction documents for projects with million dollar construction budgets.

DBA staff are committed to meaningfully engaging the public in designing projects in their communities. We have developed a series of proprietary processes for public outreach and engagement in communities, neighborhoods, small towns, and entire parishes. Each community must be reached out to and engaged based on its unique characteristics. DBA has developed innovative ways of interacting with stakeholders and community members, including planning a neighborhood using Lego, exploring local issues using the Twister game, and learning about stormwater management with Green Infrastructure Jeopardy. Simply stated, our approach is comprehensive, based on local assets, and requires participation of the local citizenry, to facilitate the evolution of existing communities into healthy, resilient, and livable places.

Most members of the DBA staff are native to South Louisiana and have worked extensively in other states and countries, giving them a unique perspective and understanding of Louisiana's cultural, economic, and ecological heritage. DBA staff incorporate this shared heritage into all of their designs. We are constantly striving to make the place we call home a more resilient habitat for all. DBA is experienced in designing with Louisiana's native plants, site hydrology, and local soils. We craft beautiful public spaces using nature-based strategies, creating a sense of place that is authentic to South Louisiana.

As a testament to DBA's commitment to not only designing and overseeing implementation of public and private projects, but also to monitoring post-construction conditions, our staff conducted project site reviews following Hurricane Ida to identify substantial damage and issues.

Due to our excellent client service, we value the opportunities to work with many of our clients repeatedly, some for over two decades.

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 25-009 - Provide Professional Landscape Architecture Services for the Mike Miley Community Oasis Project Ecosystems and Coastal Management Department - Resolution No. 145708

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



Design Engineering, Inc.
3330 W. Esplanade Avenue, Suite 205
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:

Jim Martin, Ph.D., P.E., President
(504) 836-2155
jmartin@dei-engr.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.

Jim Martin, Ph.D., P.E., President
(504) 836-2155
jmartin@dei-engr.com

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

<u>4</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u>2</u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>4</u> Civil Engineers	<u> </u> Interior Designers	<u>1</u> Project Managers
<u>10</u> Construction Inspectors	<u> </u> Landscape Architects	<u>2</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>4</u> Engineer Interns	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>27</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 ☐ N/A

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

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

*1 personnel not listed in Section E (drafters) will also work on the project.

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. 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:

Jim Martin, Ph.D., P.E., President

Project Assignment:

Professional In Charge/Principal

Name of Firm with which associated:

Design Engineering, Inc.

Years' experience with this Firm:

10

Education: Degree(s)/Year/Specialization:

Old Dominion University – Coastal Engineering Certificate, 2010

Tulane University – Doctor of Philosophy, 2003

Tulane University – Master of Science in Environmental Engineering, 2000

University of Alabama – Bachelor of Science, Civil Engineering, 1998

Active registration: Year first registered/discipline:

2004, Civil Engineering, Louisiana License #31281

Other experience and qualifications relevant to the proposed Project:

W. Esplanade Bridges at Duncan Canal: Dr. Martin was responsible for overseeing and managing all personnel and contracts for the **hydraulic calculations and modeling** that have been reviewed and **accepted by the Parish, the City of Kenner, and the DOTD** the installation of a massive 2-cell box culvert that intersects with a separate large 2-cell box. Also responsible for all structural engineering on the project and these immense concrete structures (over **13 feet tall and 80 feet wide**).

West Esplanade Avenue Canal Crossing: The canal was hydraulically modeled for the installation of two 96-inch Concrete Arch Pipes. DEI designed the drainage and project surface work design for the improvements to West Esplanade Boulevard which included installing a 573-foot by a 96-inch culvert, over 600 feet of roadway, an additional sidewalk, and a new signalized interchange. Dr. Martin was part of the team that provided hydraulic engineering, conceptual, preliminary, and final plans for the improvements to West Esplanade Boulevard.

MacArthur Drive Interchange Completion – Phase 1A (At-Grade Roadway): Civil Engineer for a massive highway and bridge demolition and reconstruction project in Jefferson Parish. The design work included significant **drainage infrastructure improvements** such as the relocation of dozens of **drainage lines** including some up to 72" diameter; new storm drains, **new drainage pipes**, and manholes; and the **extension of the existing reinforced concrete box culvert**. These are of course only some of the features of a much larger project.

Airline Drive Drainage Crossing St. Peter's Ditch: Principal for the preparation of plans and technical specifications for contract bid and construction process. This project consisted of designing 365 feet of **major drainage improvements** adjacent to and across **Airline Drive**. Included in the work was the design of **large drainage junction boxes**, micro-tunneling or hand tunneling large diameter drain lines across Airline Drive, **reinforced concrete box culverts** and transition structures. **DEI provided hydraulic analysis of the drainage system across Airline Drive.**

TEC Professional Services Questionnaire

Seawall Area Erosion Control Paving Project: Principal responsible for the design, construction administration, and inspection of the Seawall Area Erosion Control Paving Project and Seawall Stabilization. This multifaceted project included **installing subsurface drainage for the entire roadway, seawall, and surrounding area, and installing multiple seawall penetrations to accommodate outfall to the lake.** The concept has been so successful and economically advantageous that the client is expanding the design to all 5.2 miles of Lakeshore Drive in New Orleans.

Frisco Avenue Drainage Improvements, Jefferson Parish: Dr. Martin oversaw and managed all personnel and contracts involved in the modeling and design improvements along Frisco Avenue in Old Metairie. This project included upgrading **approximately 1200' of drain lines ranging from 15" diameter to 42" diameter pipes** at Frisco Avenue and relocating existing utilities such as waterlines and fiber optic lines along 1000' parallel to an operating railroad. The project also included the closure of an existing 300' long ditch. Responsibilities included project quantity estimating, preparation of plans for bidding, preparation of specifications for bidding, and construction administration. This project also included coordination with the Norfolk Southern Railroad for permitting, design, and throughout the proposed construction.

Jefferson Parish Utility Relocation at Causeway South Shore: To facilitate the construction of a major hurricane protection feature, Dr. Martin led a team of engineers (contracted by Jefferson Parish) in designing relocation for all Parish utilities between the South Shore and 6th Street. This included large **drainage lines above 48"**, deep gravity sewer lines, several HDD water lines, as well as coordination with the privately owned utilities in the area (Entergy, AT&T, Cox, TW Telecom, etc.) Dr. Martin was also part of the team that designed and coordinated the construction of the T-wall and associated bridges.

Lake Charles H & H Urban Drainage Study, Lake Charles, LA: Dr. Martin was responsible for multiple HEC-HMS and HEC-RAS models for several urban streams and watersheds (including pump stations). The HEC-RAS models were unsteady. All data was assembled via HEC GEO-RAS to assure a seamless integration with flood mapping tools on both the input and output sides of the models.

Veterans Boulevard Box Culvert Installation East of Causeway: In District 5, Jefferson Parish and the Greater New Orleans Expressway Commission sought to relieve congestion at Veterans and Causeway by installing an additional U-turn on Veterans Boulevard East of Causeway. This required the design and construction of a **new concrete box culvert** prior to filling and paving for traffic. The U-turn has been successfully in use since 2008 (in front of Acme Oyster House).

Austin Park II Expert Hydraulics Analysis: DEI developed a stormwater model employing the SCS Runoff Curve Number Method (also referred to as the USDA NRCS TR-55 method). This is the most rigorous and appropriate method for analyzing small watersheds with time and storage as variables. The Austin Park II stormwater collection and detention system model was developed for the field conditions and regulations at the time of the original design (as best they could be determined from available information). Special attention was paid to the offsite area to appropriately include it in the analysis. The system was divided into twenty-seven (27) basins to include a total drainage area of approximately 73.81 acres. DEI performed an analysis of HMR's professional services for the stormwater collection and detention system of Austin Park II based on the information available relative to the time of design (beginning in 2005).

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
John Holtgreve, P.E. Executive Vice President
Project Assignment:
Chief Engineer
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
40
Education: Degree(s)/Year/Specialization:
MCE, 1975, Civil Engineering, Tulane University BS, 1970, Civil Engineering, Tulane University
Active registration: Year first registered/discipline:
1976, Civil Engineering, Louisiana License #16383
Other experience and qualifications relevant to the proposed Project:
<p><u>Duncan Canal Box Culvert Installation:</u> Project Manager responsible for the hydraulic calculations and modeling that has been reviewed and accepted by the Parish, the City of Kenner, and the DOTD for the installation of a massive 2 cell box culvert that intersects with a separate massive 2 cell box. Also, is responsible for all structural engineering on the project as well for these extremely large concrete structures (in excess of 13 feet tall and 80 feet wide).</p> <p><u>West Esplanade Avenue Canal Crossing:</u> Project Manager responsible for the feasibility/conceptualization, hydraulic engineering, preliminary and final plans, construction administration and resident inspection services for the improvements to the W. Esplanade Ave. Crossing. This project consisted of the installation of twin 96" diameter reinforced concrete arch pipes with headwalls to accommodate crossing of W. Esplanade Ave. Median Canal and the installation of reinforced concrete u-shaped transition structures from 96" diameter reinforced concrete arch pipe headwall to earthen canal.</p> <p><u>Airline Drive Drainage Crossing St. Peter's Ditch:</u> Project Manager for the preparation of plans and technical specifications for contract bid and construction process. This project consisted of designing 365 feet of major drainage improvements adjacent to and across Airline Drive. Included in the work was the design of large drainage junction boxes, micro-tunneling or hand tunneling large diameter drain line across Airline Drive, reinforced concrete box culverts and transition structures. DEI provided hydraulic analysis of the drainage system across Airline Drive.</p> <p><u>Seawall Area Erosion Control Paving Project:</u> Project Manager responsible for the design, construction administration and inspection of the Seawall Area Erosion Control Paving Project and Seawall Stabilization. This multifaceted project included installing subsurface drainage for the entire roadway, seawall and surrounding area, and installing multiple seawall penetrations to accommodate outfall to the lake. The concept has been so successful and economically advantageous that the client is expanding the design to all 5.2 miles of Lakeshore Drive in New Orleans.</p> <p><u>Intersection Improvements of Wilker Neal at Airline Highway, Jefferson Parish:</u> Project Manager for this project which included the design and construction of a 10.42 ft. x 18.67 ft concrete box culvert in Canal No. 6 along Airline Drive. The project also included the removal of the existing bridge and constructing an asphaltic concrete roadway over the box culvert on Wilker-Neal Drive and modify the intersection of Wilker-Neal Drive and Airline Drive, as well as additional turning lanes and median modifications on Airline Drive.</p>

TEC Professional Services Questionnaire

Northbound Manhattan Boulevard Continuous Right Turn Lane: Project Manager for the design and construction administration which included construction of an additional asphaltic concrete lane of traffic to Northbound Manhattan Blvd. (Gretna Blvd. to Westbank Expressway (US 90B)) and a right turn only lane on US90B frontage road eastbound to southbound Manhattan Blvd.; right-of-way requirements; utility and **drainage relocations**. The project was constructed using the designed plans by DEI and DEI personnel provided construction contract administration and construction engineering and resident inspection services. The project construction continued for 7 days a week for approximately 244 days. DEI also provided services to assist the contractor in working **weekends and nights** as necessary to accommodate up to six (6) crews working **24-hour schedules**.

General DeGaulle Canal Road Crossing (Wall Boulevard and Sandra Drive): Project Manager for the **design of (10'x14') concrete box culverts**, transition flume sections on each end of box and vertical and horizontal alignment. DEI provided all services required for the preparation of preliminary and final design plans. DEI's responsibilities included horizontal and vertical alignment, **design of new subsurface drainage** to tie existing **drainage infrastructure** with concrete box culverts and comment review and responses.

Audubon Boulevard, New Orleans: Project Manager for the design, construction administration and resident inspection for a 2,900 LF of new roadway. Included in the project for Audubon Boulevard, a divided roadway with raised median, is a new concrete roadway with concrete, or granite curb and gutter, **2,900 LF of subsurface drainage varying in size from 12" ø to 60" ø RCPA equivalent**, 2900 LF of 8" water main and 3000 LF of 8" sewer line, gas line and electric line relocation, new water meter and new sewer and water house connections.

Robert E. Lee Boulevard, Paris Ave. to Pratt Drive: Project Manager for the design and construction administration of the reconstruction of 4,500 LF of existing Robert E. Lee Blvd. including **major subsurface drainage improvements from 15" ø to 60" ø of reinforced concrete pipe** and utility relocations. Design Engineering, Inc. provided full construction management services for the LADOTD and the City of New Orleans. The entire construction contract administration and construction engineering and inspection for this project was managed through LADOTD Site Manager Program.

Dwyer Drainage Pumping Station Discharge Tubes and Canal: Project Manager for the planning and design of the **discharge pipes and drainage canal** between Dwyer **drainage pumping station** and the IHNC. The design of DEI's work included **3 – 84" ø drain lines**, relocation of utilities, Jourdan Road by-pass, blind bridges to maintain use of all railroad tracks during construction, construction of a 25 foot wide concrete box canal, floodwall relocation and reconstruction of Jourdan Road. Mr. Holtgreve was responsible for estimating cost and schedule, management of multiple stakeholders, project cost and schedule monitoring, documenting and reporting to the client, change order negotiation and preparation, claims management, processing of pay applications, project closeout, dispute resolution and final inspections. Also, Mr. Holtgreve, through Design Engineering, coordinated several meetings with PONO, New Orleans Public Belt Railroad, Sewerage and Water Board of New Orleans, Corps of Engineers and tenants to determine the best way to maintain services during construction of the project.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Taylor Hebert, P.E. Civil Engineer
Project Assignment:
Civil Engineer
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
1
Education: Degree(s)/Year/Specialization:
BS, 2016, Civil Engineering, Minor in Spanish, University of Georgia
Active registration: Year first registered/discipline:
2020, Civil Engineering, Louisiana License No. 44720
Other experience and qualifications relevant to the proposed Project:
<p><u>PPG Hazard Mitigation Plan at the Scarsdale Drainage Pumping Station:</u> Mr. Hebert assisted with the Scarsdale Drainage Pumping Station project, which included demolishing, reconstructing, and upgrading the facility in four distinct phases. His responsibilities included generating submittals, managing RFIs, change orders, and pay applications using P6 software, drafting contracts, coordinating subcontractors, overseeing quality control, and supervising crews for this \$9.9 million infrastructure project.</p> <p><u>Relocation of East St. Bernard Highway and Associated Utilities for the LIT:</u> Mr. Hebert serves as a civil engineer on the \$1.8 billion Port of New Orleans LIT project. Located in Violet, St Bernard Parish, the project involves relocating East St. Bernard Highway, constructing a new bridge, and addressing utility relocation across 400 acres. Responsibilities include detailed reviews of project information, participating in design and constructability review meetings, and ensuring the project adheres to high standards and specifications.</p> <p><u>SWBNO Oak St. Pump Station Upgrade and Rehabilitation:</u> Mr. Hebert served as the project field engineer and QC Manager for the Oak Street Pump Station upgrade and rehabilitation project. Responsibilities included ensuring proper contract execution, generating submittals, handling RFIs, change orders, and pay applications, and updating project schedules using P6 software. He also assisted in drafting contracts for subcontractors and suppliers, overseeing their timely execution, and assisting in the design of critical project components like cofferdams, anchor bolt systems, and concrete formwork. Mr. Hebert effectively coordinated work processes among various subcontractors, enforced quality measures through preparatory meetings and inspections, directed work crews, and provided surveying and layout services, utilizing total station and AutoCAD software to create essential project drawings.</p> <p><u>WSLP 105 and 108 – Westshore Lake Pontchartrain USACE:</u> Mr. Hebert assisted with the Westshore Lake Pontchartrain (WSLP 105 and WSLP 108) flood protection project, which included the comprehensive design of drainage complex structures, t-walls, and earthen levee sections. His responsibilities encompassed various civil design tasks, technical report editing, and AEQR review of project plans, specifications, and cost estimates. Mr. Hebert assisted in designing a broad spectrum of projects, managed bidding phases, ensured compliance with project specifications, and facilitated public meetings to explain project designs, contributing significantly to the success of this crucial flood protection initiative.</p> <p><u>Permanent Canal Closures and Pumps (PCCP):</u> Mr. Hebert assisted with the PCCP storm surge barrier and pump station project as a Field Engineer and Closeout QC Manager. His responsibilities included verifying project features, coordinating training sessions for officials, and overseeing testing and training for the storm surge barriers. Mr. Hebert also managed daily work crew activities, ensured safety compliance, and utilized AutoCAD and Excel for project documentation, contributing significantly to the project's success.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Brady Pechon, PE Civil Engineer
Project Assignment:
Civil Engineer
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
BS, 2016, Civil Engineering, Louisiana State University
Active registration: Year first registered/discipline:
2024, Civil Engineering, Louisiana License No. 48579
Other experience and qualifications relevant to the proposed Project:
<p><u>Audubon Blvd Reconstruction, Orleans Parish:</u> Mr. Pechon assisted the project engineer in the design of the reconstruction of Audubon Blvd in New Orleans. Responsibilities include cost estimating, design, and drafting. This project includes full reconstruction and will include full block roadway pavement replacement including resetting distinctive aggregate curbs, ADA accessible ramps, drainage system replacement, sidewalk, driveway, sewer line, and water main utility replacement. This project also includes coordination with Batture Engineering to assist in design.</p> <p><u>Independence Park Drainage Improvements:</u> Mr. Pechon assisted in conducting the initial comprehensive drainage analysis for the Independence Park Drainage Improvements project. At the request of Jefferson Parish, he was responsible for evaluating the existing infrastructure's current drainage capacities within the Independence Park Drainage Basin and identifying significant deficiencies. Mr. Pechon developed detailed hydrologic and hydraulic models to simulate the existing conditions and assess the effectiveness of proposed upgrades, including the design of a new drainage pump station and force main. His analysis was crucial in determining the optimal solution to effectively divert water and enhance stormwater management for the project area. The findings from his work were instrumental in documenting the need for the proposed drainage improvements, ensuring a comprehensive approach to addressing the neighborhood's drainage challenges.</p> <p><u>Milneburg Group B Reconstruction, Orleans Parish:</u> Mr. Pechon assisted the project engineer in the construction administration of the reconstruction of the Milneburg Neighborhood in New Orleans. Responsibilities include construction management, document control, and meeting coordination. The roadway and utility improvements are located on various streets in the Milneburg Neighborhood Development. This project also includes full reconstruction and will include full block roadway pavement replacement including resetting distinctive aggregate curbs, ADA accessible ramps, drainage system replacement, sidewalk, driveway, sewer line, and water main utility replacement. This project is also in coordination with Hard Rock Construction throughout the construction of the project.</p> <p><u>Geisenheimer Canal Improvements:</u> Mr. Pechon performed modeling and drainage calculations on existing canals to quantify and represent the current drainage patterns. Analyzed pumping station and force main capacities to divert water from the basin. Designed and analyzed a box culvert performing as a detention pond.</p> <p><u>Frisco Ave. Drainage Improvements:</u> Mr. Pechon assisted with the modeling and design improvements along Frisco Avenue in Old Metairie. This project includes upgrading approximately 1200' of drain lines ranging from 15" diameter to 42" diameter pipes at Frisco Avenue, and relocating existing utilities such as waterlines and fiber optic lines along 1000' parallel to an operating railroad. The project also includes the closure of an existing 300' long ditch. Responsibilities include project quantity estimating, preparation of plans for bidding, preparation of specifications for bidding, and construction administration. This project also includes coordination with the Norfolk Southern Railroad for permitting, design, and throughout the proposed construction.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Collin Gillen, PE Civil Engineer
Project Assignment:
Civil Engineer
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
BS, 2020 Civil Engineering, Louisiana State University
Active registration: Year first registered/discipline:
2020, Civil Engineering, Louisiana License #49017
Other experience and qualifications relevant to the proposed Project:
<p><u>Frisco Ave. Drainage Improvements:</u> Mr. Gillen assisted with the modeling and design improvements along Frisco Avenue in Old Metairie. This project includes upgrading approximately 1200' of drain lines ranging from 15" diameter to 42" diameter pipes at Frisco Avenue and relocating existing utilities such as waterlines and fiber optic lines along 1000' parallel to an operating railroad. The project also includes the closure of an existing 300' long ditch. Responsibilities include project quantity estimating, preparation of plans for bidding, preparation of specifications for bidding, and construction administration. This project also includes coordination with the Norfolk Southern Railroad for permitting, design, and throughout the proposed construction.</p> <p><u>Geisenheimer Canal Improvements:</u> Mr. Gillen performed modeling and drainage calculations on existing canals to quantify and represent the current drainage patterns. Analyzed pumping station and force main capacities to divert water from the basin. Designed and analyzed a box culvert performing as a detention pond. This project consists of assessing alternative improvements to those recommended in the 2006 Study of the Geisenheimer Drainage Basin to the Geisenheimer Canal, Loumor Outfall Ditch, and Woodvine Ditch.</p> <p><u>Independence Park Drainage Improvements:</u> Mr. Gillen conducted a comprehensive analysis of the existing drainage structures to evaluate current capacities and identify potential bottlenecks within the Independence Park Drainage Basin. He modeled and assessed proposed drainage structure upgrades, focusing on optimizing water flow and enhancing flood mitigation across the project area. His work included evaluating the capacities of the proposed pumping station and force main to improve water diversion strategies, ensuring efficient management of stormwater in the affected areas.</p> <p><u>Power Blvd. Median Improvements (West Esplanade Ave. - Vintage Dr.):</u> Mr. Gillen performed inspection oversight, quality assurance, and construction administration for the creation of a bike/pedestrian path along the median are of Power Blvd. between West Esplanade Ave. and Vintage Drive. The project included concrete paving, excavation, drainage, bridge construction, lighting, landscaping, striping, and the installation of amenities such as drinking water fountains.</p> <p><u>Grafton Drive Pavement Rehabilitation:</u> Mr. Gillen is currently assisting the project engineer in the construction administration of the reconstruction of Grafton Drive from Cardinal Drive to E. Pinewood Drive, located in the City of Slidell. Responsibilities include construction management, document control, and meeting coordination. This project includes the removal of curbs, concrete pavement, grading, Class II base course, Portland cement concrete pavement, and related work. The scope of work also entails addressing issues related to traffic maintenance, joint sealing, and curb ramp improvements to enhance the overall safety and accessibility of Grafton Drive.</p>

TEC Professional Services Questionnaire

Westwood Drive (Westbank Expressway - Lapalco): Mr. Gillen performed inspection oversight, quality assurance, and construction administration for the construction of 0.648 miles of roadway, which included 20,516 SY of Portland Cement Concrete Pavement with barrier curb, mountable curb and gutter. This project included Class II base course, **drainage pipes and structures**, sanitary sewer and related work, and tie-in to the existing Westbank Expressway on the north end and Lapalco Blvd. on the south end. Pavement striping, signs, and legends and symbols were also included.

State Street Dr. (Claiborne Ave. to Fontainebleau Dr.): Mr. Gillen assisted the project engineer in the design of the reconstruction of State Street Drive in New Orleans. Responsibilities include reviewing plans for water and sewer line connections. This project includes full reconstruction and will include full block roadway pavement replacement including resetting distinctive aggregate curbs, ADA accessible ramps, **drainage system replacement**, sidewalk, driveway, sewer line, and water main utility replacement. This project also includes coordination with Batture Engineering to assist in design.

Magazine St. (Leake Ave to East Dr): Mr. Gillen is assisted the project engineer in the construction administration of the reconstruction of Magazine Street, between the intersections of Leake Avenue and East Drive, located in the Audubon Neighborhood area of New Orleans. Responsibilities include construction management, document control, and meeting coordination. This project also includes full reconstruction and full block roadway pavement replacement including resetting distinctive aggregate curbs, ADA accessible ramps, **drainage system replacement**, sidewalk, driveway, sewer line, and water main utility replacement. This project is also in coordination with Hard Rock Construction throughout the construction of the project.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jay Rafferty Construction Manager
Project Assignment:
Construction Manager
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
BS, 1997, Industrial Technology, Southeastern University
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p><u>Lake Pontchartrain Causeway Southbound Bridge Rail Improvements:</u> This project entailed replacing the safety railing on both sides of the southbound Causeway Bridge to eliminate accidents involving cars falling into Lake Pontchartrain. As lead inspector, Mr. Rafferty coordinated all other DEI inspectors assigned to this project, inspected work being done on the project, wrote daily reports, and submitted remediation lists to construction subcontractors.</p> <p><u>Ames Blvd. (Westbank Expressway - Happy St.):</u> Mr. Rafferty provided resident inspection for 0.39 miles of roadway which included asphalt paving inspection, estimate generation, material sampling, submittal review, and project close-out of Ames Boulevard from the Westbank Expressway to Happy Street. Mr. Rafferty's responsibilities for this project were to ensure that the resident inspector prepared daily reports, inspected the progress of the work to ensure that the Contractor complied with the requirements of the plans and specifications, and attended all the progress meetings.</p> <p><u>Westwood Drive (Westbank Expressway - Lapalco):</u> Mr. Rafferty was responsible for preparing daily reports, inspecting the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications, and attending all project meetings for the construction of 0.648 miles of roadway. This construction includes 20,516 square yards of Portland Cement Concrete Pavement with barrier curb, mountable curb, and gutter, including Class II base course, drainage pipes and structures, sanitary sewer and related work, and tie-in to the existing Westbank Expressway on the north end and Lapalco Blvd. on the south end. Pavement striping, signs, legends, and symbols are also included. DEI is responsible for the construction, engineering, and inspection of this project, which includes maintaining all construction field records, making daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time through Site Manager.</p> <p><u>Power Blvd. Median Improvements (West Esplanade Ave. - Vintage Dr.):</u> Mr. Rafferty provided resident inspection for the creation of a bike/pedestrian path along the median area of Power Blvd. between West Esplanade Ave. and Vintage Drive. The project includes concrete paving, excavation, drainage, bridge construction, lighting, landscaping, striping, and the installation of amenities such as drinking water fountains. Mr. Rafferty's responsibilities for this project were to ensure that the resident inspector prepared daily reports, inspected the progress of the work to ensure that the Contractor complied with the requirements of the plans and specifications, and attended all the progress meetings.</p>

TEC Professional Services Questionnaire

Causeway Blvd. Overpass at Airline Drive: Mr. Rafferty provided resident inspection for the rehabilitation of Ramps 6, 7, and the overpass of Causeway Blvd Overpass at Airline Drive. The resident inspection included observation of construction activities for structure jacking, span movement, reinforced concrete riser construction, girder strengthening, bridge deck joint sealing, epoxy-urethane overlay, and bridge drainage rehabilitation. Mr. Rafferty's responsibilities for this project were to ensure that the resident inspectors were preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attending all the progress meetings. He was also overseeing the resident inspector's writing of his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor.

Lake Pontchartrain and Vicinity 106 Citrus Lake Floodwall: Mr. Rafferty was the Construction Project Manager/Project Coordinator for this project. Mr. Rafferty's responsibilities consisted of managing, scheduling, and coordinating field activities for fifty (50) plus employees. He was also the QC Manager Representative for the US Army Corp of Engineers for this project. His responsibilities included interviewing, training, drug screening, background checking, hiring, and termination of field personnel.

St. Andrews St. Wharf Erosion Mitigation Project: Mr. Rafferty was responsible for preparing daily reports, inspecting the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications, and attending all project meetings. This project encompassed the construction of an approximately 1600-foot-long and 50-foot-deep steel sheet pile wall with a reinforced concrete pile cap along the roadway side of the St. Andrew Street Wharf and associated roadway construction.

Airline Park Blvd. (Camphor-W Napoleon): Mr. Rafferty provided resident inspection for the construction of 0.390 miles of roadway which includes grading, drainage structures, milling asphalt pavement, pavement patching, class ii base course, scarifying and compacting roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, storm water pumping station, and related work on Airline Park Boulevard from north of its intersection with Camphor St. to its junction with W. Napoleon Ave. Mr. Rafferty's responsibilities for this project were to ensure that the resident inspector is preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attending all the progress meetings. He also oversaw that the resident inspector is writing in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor. The entire construction contract administration and construction engineering and inspection for this project are managed through LaDOTD SiteManager.

Canal Blvd. (R.E. Lee-Amethyst): Mr. Rafferty provided resident inspection for the reconstruction of an existing four-lane divided boulevard. The project scope included grading, drainage structures, asphalt pavement milling, pavement patching, Class II base course, scarification and compaction of the roadbed, asphalt concrete pavement, Portland Cement Concrete Pavement, cofferdams, stormwater pumping station, pavement striping, signs, legends, and symbols. Mr. Rafferty's responsibilities for this project were to ensure that the resident inspector is preparing daily reports, inspecting the progress of the work to ensure that the Contractor complies with the requirements of the plans and specifications, and attending all the progress meetings. He also oversaw that the resident inspector is writing in his daily diary items of work performed for the day and the comparison of quantities installed with the Contractor. The entire construction contract administration and construction engineering and inspection for this project are managed through LaDOTD SiteManager.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Wayne Lemoine Inspector
Project Assignment:
Resident Inspector
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
Certifications: LaDOTD Structural Concrete Inspector, Basic Bridge Safety Inspector's Training, Bridge Inspection Update, Nondestructive Evaluation of Bridge Conditions, Bridge Inspector, Movable Bridge Inspection Training Course, ATSSA Flagger, ATSSA Traffic Control Supervisor, Prager Gear Seminar, Pump and Seal School, Stream Stability and Scour at Highway Bridges for Bridge Inspectors, Hazwoper, Industrial Hydraulics, Deleading of Industrial Structures, Inspection of Fracture Critical Bridge Members
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p><u>Southbound Causeway Safety Rail Improvements (CE&I):</u> Mr. Lemoine performed inspections for the improvement of the existing bridge railing system to MASH Test Level 4, the repair of damaged concrete railing, replacement of impact attenuators, relocation of signs and supports, modification of call boxes, installation of pavement markings, and installation of access platforms. Construction administration included the organization of progress meetings, review of submittals (e.g., Construction Schedules, RFIs, Plan Changes, and Materials), and processing of partial pay estimates. Resident inspection included the observation of construction activities (e.g., 48 miles of bridge rail fabrication and installation, 138,000 epoxied anchor rods, and repair of damaged concrete rail), production of daily reports, review of TTC installation/removal, and review of on-site safety.</p> <p><u>La 70 Mississippi River Bridge, Phase II CE&I, Painting Inspection, and Environmental Monitoring, St. James Parish, LA:</u> Mr. Lemoine performed structural steel inspection, traffic control inspection, structural concrete repair inspection, and contract administration for the LA 70 Bridge over the Mississippi River. He coordinated the painting and environmental operations with SiteManager Reports and Daily Work Reports. This project included strengthening steel members, repairing end dams and roadway joints, and painting the steel approaches.</p> <p><u>Sunshine Bridge, Donaldsonville, LA:</u> Mr. Lemoine performed inspections on repairs to the expansion joints on the Sunshine Bridge. Mr. Lemoine also inspected the placement of epoxy in the roadway repair. He was responsible for preparing the daily report and attending all project meetings. Mr. Lemoine also reviewed and processed Contractors' invoices.</p> <p><u>Repairs & Replacement of the 9-Mile Turnaround Spans on Lake Pontchartrain Causeway, St. Tammany and Jefferson Parishes, LA.:</u> Mr. Lemoine served as the inspector for pile driving and structural concrete placement. He maintained all the SiteManager records and performed sampling and testing for concrete placements on the decks. The project cost \$2M.</p>

TEC Professional Services Questionnaire

Causeway Bridge, Metairie, LA: Mr. Lemoine held the position of Senior Bridge Inspector and Coordinator with the Greater New Orleans Expressway Commission. He inspected the installation of the dynamic boards at the Causeway bridge. Additionally, he inspected the reconstruction of the electrical system of the North Toll Plaza Building and the reconstruction of the exit road and parking lot at the North Toll Plaza.

Louisiana Timed Program (LTM), Statewide, LA.: Mr. Lemoine was the lead inspector assigned to the Huey P. Long Bridge widening project. He managed and inspected the widening of the current bridge to include three 11-foot travel lanes in each direction, along with inside and outside shoulders. Instead of adding pier foundations for the main river bridge, the construction plans called for the widening of pier shafts above the existing caisson foundations and the addition of two new parallel trusses to accommodate the widened roadway along the main bridge. For the approaches, new parallel structures were built to accommodate the new roadways. The construction cost \$5.2B.

Mr. Lemoine was the Maintenance and Inspection Supervisor for the following:

- Bayou Sarah Swing Bridge
- Judge Perez Bridge
- Claiborne Avenue Bridge (Judge Seeber Bridge)
- Danziger Bridge
- US 11 North Draw
- Chef Menteur Pass
- Houma Navigation Bridge
- Bayou Dularge Bridge
- Raceland Vertical Lift Bridge
- Kerner Swing Bridge
- Kraemer Vertical Lift Bridge
- La 24 Company Canal Bridge
- LaRose Vertical Lift Bridge
- Lockport Swing Bridge
- Bayou Black Bridge
- LA-661 Bayou LaCarpe Bridge
- Bayou La Loutre Bridge

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Gary Conerly Inspector
Project Assignment:
Resident Inspector
Name of Firm with which associated:
Design Engineering, Inc.
Years' experience with this Firm:
1
Education: Degree(s)/Year/Specialization:
Certifications: LaDOTD Structural Concrete Inspector, Troxler Nuclear Gauge Safety Certification, Toxler Hazmat Certification, ACI Concrete Strength Testing Technician, ACI Concrete Field-Testing Technician – Grade I, ATSSA National Flagger Certification.
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Power Blvd. Median improvements (West Esplanade Ave. – Vintage Dr.): Mr. Conerly is currently performing inspections for approximately 4,800 LF of the creation of a bike/pedestrian path along the median area of Power Blvd. between West Esplanade Ave. and Vintage Drive. The project includes clearing and grubbing, grading, drainage structures, pavement patching, class ii base course, precast concrete piles, lighting, concrete walks, landscaping, pedestrian bridge, and related work. Mr. Conerly prepares daily reports, which are recorded through the LADOTD site manager system, inspects the progress of the work to ensure that the contractor complies with the requirements of the plans and specifications, and attends all the progress meetings. Mr. Conerly writes in his daily diary items of work performed for the day and the comparison of quantities installed with the contractor.</p> <p>Macarthur Drive Interchange Completion: Mr. Conerly served as the resident inspector for the Macarthur interchange project, overseeing critical aspects of construction. Mr. Conerly's role focused on concrete maturity, density, and strength inspections. His responsibilities included monitoring the demolition, pile installations, and coordination with geotechnical engineers. Mr. Conerly's expertise contributed significantly to ensuring the project's compliance with LADOTD and FHWA requirements.</p> <p>Huey P. Long Bridge: Mr. Conerly oversaw the inspection of the Huey P. Long Bridge widening project, executed in multiple phases. The project transformed the two-lane bridge into three 11-foot travel lanes in each direction, with inner and outer shoulders. The construction plans avoided additional pier foundations for the main bridge, opting for the widening of pier shafts above existing caisson foundations. Two new parallel trusses were added to support the expanded roadway on the main bridge, while new parallel structures were built for the approaches. Mr. Conerly prepared daily reports, recorded through the project management system, ensuring compliance with plans and specifications. His daily diary documented work progress, including a detailed comparison of installed quantities with contractual specifications.</p> <p>Severn Avenue: Veterans - W. Esplanade: Mr. Conerly provided resident inspection for the removal and replacement of roadway, sidewalks, ADA ramps, pedestrian crosswalks, and the installation of cross signals of Severn Ave. As part of the statewide transportation improvement program (STIP), the project aimed to enhance pedestrian safety in response to increased traffic. Mr. Conerly conducted concrete inspections, soil testing, compaction testing, and vibration monitoring. Mr. Conerly inspected the progress of the work to ensure that the contractor complied with the requirements of the plans and specifications.</p>

TEC Professional Services Questionnaire

Louis Armstrong International Airport: Mr. Conerly provided resident inspection for the \$1 billion MSY Airport project. The project included constructing a new terminal, parking facilities, and a third concourse dedicated to international flights. Managing an on-site facility. Mr. Conerly's responsibilities include concrete, steel, strength, and pile inspections, ensuring strict adherence to project specifications and plans. Mr. Conerly prepared daily reports, recorded through the project management system, ensuring compliance with plans and specifications. His daily diary documented work progress, including a detailed comparison of installed quantities with contractual specifications.

Thibodaux Regional Cancer Center: Mr. Conerly served as the resident inspector for the Thibodaux Regional Cancer Center, a significant \$35 million project featuring a five-story building spanning nearly 100,000 square feet. This facility expansion aimed to accommodate the growth of the hospital's cancer program. Mr. Conerly supervised various aspects, including geo-lab and field activities, concrete inspections, pile inspections, and vibration monitoring, ensuring the project's compliance with specifications.


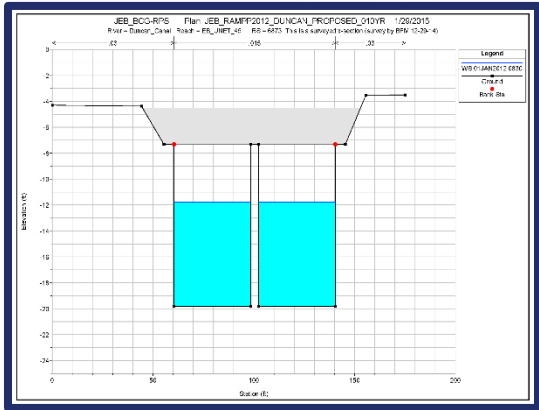
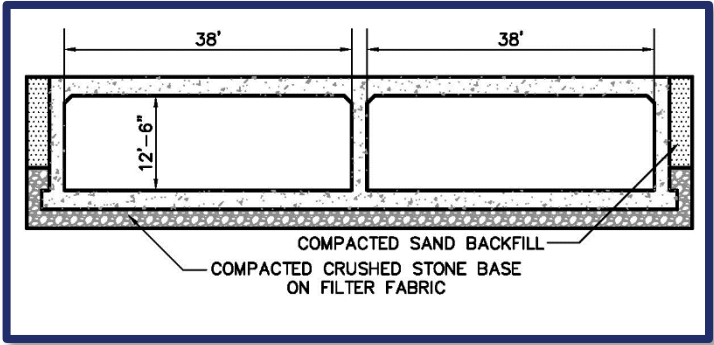
New Orleans Youth Study and Juvenile Justice Center: Mr. Conerly provided resident inspection for the replacement of the 54-year-old youth study center. This \$35 million New Orleans Juvenile Justice Center project includes 40 beds, courtrooms, offices, medical spaces, classrooms, and social service areas. Mr. Conerly's responsibilities included pile, concrete, steel, and density inspections, ensuring strict adherence to project specifications and plans.

Lake Lery Marsh Creation & Rim Restoration: Mr. Conerly provided resident inspection for the creation of 177 acres of marsh, nourishment of an additional 209 acres, and the construction of a protective embankment along Lake Leary's northwestern shoreline. Mr. Conerly's responsibilities included managing geotechnical engineering, overseeing soil borings, and ensuring strict adherence to project specifications and plans.



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>Duncan Canal Bridge Replacement Kenner, Louisiana</p> <p>Jose Gonzalez City of Kenner 1610 Reverend Richard Wilson Dr. Kenner, LA 70062 (504) 468-7515</p>	<p>This project is located at the confluence of West Esplanade Canal and Duncan Canal in the City of Kenner (Jefferson Parish). The objective of the project is to reduce restriction in both Canals by removing the aging wooden bridge structures and replacing it with two modern large double barrel concrete box culverts (2 boxes in each canal).</p> <p>A secondary objective is to reduce the "perch" of the bridges so that traffic sight lines are improved. This will result in increased driving safety, which is an important feature in this highly trafficked corridor which is adjacent to multiple retail outlets, a shopping mall, and several residential areas.</p> <p>Another secondary objective is to improve the location aesthetically by removing the unsightly structures and replacing them with large box culverts that will enclose large portions of the canals, add green space, and allow for decorative landscaping as well as potential recreation.</p> <p>Design Engineering, Inc. performed multiple planning, design, and engineering tasks, most notably the hydraulic analysis for this primary drainage canal for the City of Kenner as well as the structural design for the boxes. The Duncan Boxes alone are over 13 feet tall and 80 feet wide inside the openings (the actual structure is of course much larger).</p>	
 		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$12,503,000.00	\$9,230,000.00

TEC Professional Services Questionnaire

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>West Esplanade Avenue Crossing (Between Williams Blvd. and Power Blvd.)</p> <p>Mitch Theriot Jefferson Parish Engineering 1221 Elmwood Park Blvd. Jefferson, Louisiana (504) 736-6512</p>	<p>DEI was contracted by Jefferson Parish to provide feasibility/ conceptualization, hydraulic engineering, preliminary and final plans, construction administration, and resident inspection services for the improvements to the West Esplanade Avenue Crossing (Between Williams Blvd. and Power Blvd.)</p> <p>This project included the installation of 500 feet of twin 96" diameter reinforced concrete arch pipes with headwalls to accommodate crossing of West Esplanade Avenue Median Canal and the installation of reinforced concrete u-shaped transitions structures from 96" diameter reinforced concrete arch pipe headwall to earthen canal.</p> <p>The project also required large confluence boxes as well as on site adjustment to drainage laterals in order to avoid penetration of the recycled pipe that was used in the project in order to save costs and use a resiliency design technique.</p> <p>The West Esplanade Avenue Median Canal Crossing also consisted of the following:</p> <ul style="list-style-type: none"> 50 ft. taper to 100 ft. storage lane to east-to-west U-turn; 4-lane crossing with traffic signal system; 50 ft. taper to 200 ft. storage lane to west-to-east U-turn 	
		
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$3,000,000.00	\$3,000,000.00



TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Frisco Avenue Drainage Improvements Jefferson Parish, Louisiana</p> <p>Mitch Theriot Jefferson Parish Drainage Department 1221 Elmwood Park Blvd. Jefferson, LA (504) 736-6505</p>	<p>The project area is located in Old Metairie in Jefferson Parish, Louisiana. The drainage system in this study is part of the Old Metairie basin which discharges via Lake Avenue into the Canal Street Canal.</p> <p>Design Engineering, Inc. (DEI) was contracted by Jefferson Parish to study and improve the hydraulic characteristics of the Frisco Drainage Sub-Basin in Old Metairie which includes the corner of Metairie Road and Frisco Avenue, Frisco Avenue, and Lake Avenue. Currently, the corner of Metairie Road and Frisco Avenue experiences issues with flooding even during minor rain events.</p> <p>DEI modeled the drainage system and was able to determine areas of concern in the present system. Improvements to the system were also modeled to provide the Parish with recommendations to address claims of flooding the shops along Metairie Road during severe storm events.</p> <p>DEI's analysis of the Frisco Drainage Sub-Basin and its respective subsurface drainage system indicates conveyance issues negatively affect the corner of Metairie Road and Frisco Avenue during the design storm event. The results indicate that drainage lines are generally undersized and require substantial upsizing to improve hydraulic performance.</p> <p>DEI re-designed the drainage system to improve hydraulic performance and alleviate flooding. The drainage system and parking lot at the corner of Metairie Road and Frisco Avenue were also re-designed to improve stormwater conveyance and collection. The design team overcame challenges associated with conflicting utilities (e.g. sewer, water, gas, electrical & fiber optic lines) while limiting head loss in the drainage system. Additionally, due to the close proximity of Norfolk Southern's rail line, the design team had to work with the railroad to develop Plans that would meet strict railroad requirements (i.e. minimal railroad disruption, maintain slope stability, etc.).</p>	
 		
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$1,250,000.00	\$1,250,000.00



TEC Professional Services Questionnaire

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Northbound Manhattan Boulevard Continuous Right Turn Lane Jefferson Parish, LA</p> <p>Juan Gutierrez Jefferson Parish Engineering 1221 Elmwood Park Blvd. Jefferson, LA (504) 736-6505</p>	<p>Design Engineering, Inc. (DEI) was responsible for the Feasibility Study, Preliminary and Final Designs, Construction Administration, and Inspection Services for this project. This project included construction of an additional asphaltic concrete northbound lane for Manhattan Blvd. (Gretna Blvd. to West Bank Expressway) with a concrete combination curb and gutter, subsurface drainage, replacement of existing gravity sewer line, relocation of existing water line and sewer force main, and removal and replacement of existing concrete walks and drives under heavy traffic conditions and electrical services. The project also involved acquisition of substantial properties.</p> <p>Project Objectives:</p> <ul style="list-style-type: none"> To design and construct an additional asphaltic concrete lane to reduce traffic congestion along the Manhattan Blvd. –between Gretna Blvd. and the West Bank Expressway. The project also required acquisition of property, traffic management and an expedited seven (7) day and night work schedule, in addition to design and construction engineering and inspection services. This project was approximately 5,500 LF on Manhattan Blvd. <p><u>Design Phase:</u> The design phase included the design of an additional lane of vehicular traffic to the Northbound Manhattan Blvd. from Gretna Blvd. to US Highway 90 Business (South Side). This lane was added to the property side of the existing roadway (Manhattan Blvd. Northbound) a distance of approximately 5,500 LF. The added lane begins at Gretna Blvd. and ends as a right turn lane at US Hwy 90 B Eastbound (West Bank Expressway) in order to reduce traffic congestion on Northbound Manhattan Blvd.</p> <p><u>Construction Phase:</u> DEI was responsible for the construction administration and inspection services on the replacement and/or relocation of underground utilities, drainage, and subsurface drainage under the additional lane while having the existing two (2) traffic lanes open at all times except when work was scheduled at night where a lane could be closed between 10:00 pm to 6:00 am. The project construction continued for 7 days a week for approximately 244 days. Also included in this project was the placement of new 12" sub-base, 12" base course and 12" asphaltic concrete, and new driveways. DEI coordinated with the contractor to make sure that the businesses and vehicular traffic had the least interruption possible when working on the new driveways, traffic signalization, laying of the asphaltic concrete (at night), and pavement striping (at night).</p> <p>Manhattan is a heavy-traffic main corridor for the West Bank of Jefferson Parish. Our firm worked closely with local and state authorities as well as business owners to ensure the least disruption possible for the traveling public and business. We provided services to assist the contractor in working weekends, nights, and as necessary to accommodate up to six (6) crews working 24-hour schedules. We understood the need to be completely flexible with the work schedule at this location.</p> <p>The project was completed "32" days ahead of the scheduled substantial completion date and on budget. This project concluded on November 1, 2012 successfully with our current staff expending a significant effort to successfully construct the project on this very highly trafficked roadway.</p>	
<div style="display: flex; flex-direction: column; align-items: center;">   </div>		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	\$3,783,000.00	\$892,000.00




TEC Professional Services Questionnaire

PROJECT NO. 5								
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:							
<p>Airline Drive Drainage Crossing (St. Peter's Ditch) Jefferson Parish, LA</p> <p>Mark Drewes Jefferson Parish Engineering 1221 Elmwood Park Blvd. Jefferson, LA (504) 736-6505</p>	<p>This project included drainage improvements to the existing St. Peter's Ditch which extends in the north-south direction approximately 2,000 feet from Cross Canal to Airline Drive and approximately 2,500 feet from Airline Drive to West Metairie Drive. The project was divided into three (3) phases and included deepening and widening the existing ditch and the installation of cast-in-place concrete U-channels, reinforced concrete box culverts and drainage piping. Design Engineering, Inc. (DEI) prepared plans and specifications for preliminary and final design and conducted construction administration and resident inspection services on Phase 3B to supplement drainage across Airline Drive.</p> <p>Phase 3B of this project included approximately 365 feet of drainage improvements near Airline Drive. DEI studied several alternatives in an effort to avoid the open cut of Airline Drive to remove an existing reinforced concrete box culvert and construct a new box culvert, thus adversely affecting traffic on Airline Drive for an extended period of time. In order to reduce the impact of construction on Airline Drive traffic, the accepted alternative was to retain the existing box culvert and supplement the existing box culvert by installing four (4) 42" diameter fiberglass reinforced pipes, approximately 124 feet in length, beneath Airline Drive by using trenchless construction utilizing micro tunneling or hand tunneling methods. The project also included the relocation of existing utilities, including a 24" drain line, a 30" drain line, a 20" water line, an 8" water line, a gas line, a telephone line, fiberoptic lines and Entergy lines.</p>							
<div style="text-align: center;">  </div> <div style="text-align: center;">  </div>								
<p>Completion Date (Actual or estimated):</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #d9e1f2;"> <th style="width: 50%; padding: 5px;">Entire Project:</th> <th style="width: 50%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="text-align: center; padding: 5px;">2014</td> <td style="text-align: center; padding: 5px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;">\$3,500,000.00</td> <td style="width: 50%; text-align: center; padding: 5px;">\$150,000.00</td> </tr> </table> </td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	2014	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;">\$3,500,000.00</td> <td style="width: 50%; text-align: center; padding: 5px;">\$150,000.00</td> </tr> </table>	\$3,500,000.00	\$150,000.00
Entire Project:	Work for which Firm was Responsible:							
2014	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;">\$3,500,000.00</td> <td style="width: 50%; text-align: center; padding: 5px;">\$150,000.00</td> </tr> </table>	\$3,500,000.00	\$150,000.00					
\$3,500,000.00	\$150,000.00							

TEC Professional Services Questionnaire

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Westwood Drive (WB Expy. to Lapalco) Jefferson Parish, LA</p> <p>Mark Drewes Jefferson Parish Engineering 1221 Elmwood Park Blvd. Jefferson, LA (504) 736-6505</p>	<p>Design Engineering, Inc. (DEI) is responsible for providing the construction contract administration and construction engineering inspection services for the construction of 0.648 miles of roadway which includes 20,516 SY of Portland Cement Concrete Pavement with barrier curb, mountable curb and gutter, including Class II base course, drainage pipes and structures, sanitary sewer and related work, and tie-in to the existing Westbank Expressway on the north end and Lapalco Blvd. on the south end. Pavement striping, sign and legends and symbols are also included. Construction Management performed by the office and site personnel includes:</p> <ul style="list-style-type: none"> Schedule and attend the preconstruction meeting Maintain all construction field records; make daily entries in the project diary to indicate the contractor's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time. All of these activities are managed through LADOTD's Site Manager Program. Coordinate with Jefferson Parish Engineer/Representative for all relocations/adjustments of utility facilities and existing drainage structures for the construction of work site. Inspect the Contractor's construction operations (daily) to ensure that all work is performed in accordance with the specified plans and specifications. Prepare final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with the DOTD's requirements. Prepare plan changes and change orders. Review and process Contractor's invoices and generate partial estimates and weather and workday reports in Site Manager. <p>Work on the 175 project closeout and submit all documents required by LADOTD Baton Rouge, Construction Audit.</p>	
 		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$602,000.00	\$602,000.00




TEC Professional Services Questionnaire

PROJECT NO. 7								
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:							
<p>Fleur de Lis Drive Reconstruction – Phase II (Veterans Memorial Blvd. to North of 30th Street) New Orleans, LA</p> <p>Marvin Thompson City of New Orleans, DPW 1300 Perdido Street New Orleans, LA (504) 658-8047</p>	<p>Design Engineering, Inc. was under contract with the Louisiana Department of Transportation and Development and the City of New Orleans to provide the modification of design, construction contract administration, and construction engineering and resident inspection services for the referenced project. The project construction period was 250 calendar days, and the value of the construction contract was \$10,804,998.00. On-site project representative services were provided for construction of roadway, drainage structures and drain lines, sewer lines, Class II Base Course, Portland Cement Concrete pavement, asphalt patching, Superpave asphaltic concrete pavement, water distribution system, placing pavement markings, traffic signal loop detectors, landscaping (tree removals and replacement) and related work. The entire construction administration for this project was managed through SiteManager (i.e., change orders, daily reports, generating monthly estimates and pay request).</p> <p>Construction Management performed by office and site personnel:</p> <ol style="list-style-type: none"> 1. Scheduled and attended the preconstruction meeting. 2. Conducted the meeting and maintained minutes of the meeting. 3. Maintained all construction field records; made daily entries in the project diary to indicate the Consultant's personnel and equipment being utilized on the project, the work being accepted, the acceptability of traffic control, and the charging of contract time. All of these activities were managed through LADOTD's SiteManager Program; Critical Path Scheduling; Primavera P6 Software and Bentley ProjectWise. 4. Coordinated with the City Engineer/Representative for all relocations/adjustments of utility facilities for the construction of work site. 5. Inspected the Contractor's construction operations (daily) to ensure that all work was performed in accordance with the specified plans and specifications. 6. Kept clear and concise records of the contractual operations, prepared monthly pay estimates, and made monthly progress reports in conformance with the DOTD's requirements. 7. Prepared final estimate packages, including Form 2059 – "Summary of Test Results" in conformance with the DOTD's requirements. 8. Reviewed all form work drawings and submitted to the DOTD for further handling, review, and distribution. 9. Coordinated construction activities between engineer, owner, DOTD and FHWA. Followed DOTD procedures for reporting and documentation of pay request. 10. Participated in conferences, visited job site, and participated in inspections by DOTD representative. 11. Prepared and submitted as-built plans with the final estimates. 12. Prepared field change authorizations 13. Prepared plan changes and change orders. 14. Monitored and documented construction claims and provided recommendation on disposition of claims. 							
<div style="display: flex; flex-direction: column; align-items: center;">    </div>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%; background-color: #d9e1f2;">Completion Date (Actual or estimated):</th> <th style="width: 35%; background-color: #d9e1f2;">Entire Project:</th> <th style="width: 35%; background-color: #d9e1f2;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">2010</td> <td style="text-align: center;">\$1,224,990.00</td> <td style="text-align: center;">\$1,224,990.00</td> </tr> </tbody> </table>		Completion Date (Actual or estimated):	Entire Project:	Work for which Firm was Responsible:	2010	\$1,224,990.00	\$1,224,990.00
	Completion Date (Actual or estimated):	Entire Project:	Work for which Firm was Responsible:					
2010	\$1,224,990.00	\$1,224,990.00						

TEC Professional Services Questionnaire

PROJECT NO. 8						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Algiers Canal Pumping Station Project (Planters Pumping Station) Jefferson Parish, LA</p> <p>Craig Waugaman USACE Leake Avenue New Orleans, LA (504) 862-2673</p>	<p>This U.S. Army Corps of Engineers' project involved the extension of nine (9) steel drainage discharge pipes (eight-84 in. diameter and one-36 in. diameter), installation of discharge pipe valves and associated electrical and mechanical work, construction of a concrete flood protection T-Wall (consisting of pile foundation, wall and base slab) within the existing discharge basin, concrete scour protection at the location where the required T-wall ties into an existing earthen levee system at both ends of the improvement and a concrete dolphin protection system. In addition, miscellaneous work required for this project included placement and compaction of earthen backfill material and lightweight aggregate, construction of concrete paving between the pump station's existing I-wall and required T-wall, construction of a steel walkway for the pipe extensions, and installation of a storm drain line behind the required T-wall. This project was a part of the Army Corps of Engineers' work for the New Orleans Hurricane and Storm Damage Risk Reduction System (HSDRRS).</p> <p>The majority of this project required the utilization of cast-in-place concrete made of Type I cement with 20% Class F Flyash replacement, precast concrete piles made of Type I cement concrete, and a combination of cast-in-place and precast concrete pile bents made of high early strength Type III cement concrete. Cast-in-place concrete was utilized for the required concrete T-wall constructed in the discharge basin of the pump station, the required concrete scour protection slope paving at the tie-in locations with the existing earthen levee, concrete paving between the existing pump station I-wall and required T-wall, and a limited number concrete pile bents. Precast concrete piles and precast bents were utilized to construct the new walkway and the discharge pipe supports.</p> <p>The entire project was designed and constructed as per the U.S. Army Corps of Engineers Hurricane and Storm Drainage Risk Reduction System Design Guidelines of 2008. All structural loads resulting from storm water at still water level, low water level and up to the top of T-wall, structural fill, storm surge wave action, barge impact, construction surcharge, and wind were incorporated in the design of the concrete T-wall. In addition, the cofferdams required for the construction of T-walls had concrete wing wall elements which were designed for temporary loads resulting from construction and water drawdown conditions. Temporary concrete pipe supports were also provided when necessary to facilitate pump discharging operations. The permanent pipe supports were designed to carry the discharge pipes and all associated loads. The Dolphin system was designed for 100 kips of barge impact load.</p> <p>DEI provided the Design, Engineering During Construction, and Project Closeout for all civil and structural engineering of this \$35,000,000 project. This project received the following American Concrete Institute awards in November 2012:</p> <ul style="list-style-type: none"> Overall Best Project Best Concrete Sustainability Award of Excellence (Best Project of 2012) 					
 	<p>Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #d9e1f2; text-align: center;">Entire Project:</th> <th style="background-color: #d9e1f2; text-align: center;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">\$35,000,000.00</td> <td style="text-align: center;">\$8,750,000.00</td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was Responsible:	\$35,000,000.00	\$8,750,000.00
	Entire Project:	Work for which Firm was Responsible:				
	\$35,000,000.00	\$8,750,000.00				
<p>Completion Date (Actual or estimated):</p> <p style="text-align: center;">2012</p>						

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Audubon Boulevard (Willow – South Claiborne) New Orleans, LA</p> <p>Marvin Thompson City of New Orleans, DPW 1300 Perdido Street New Orleans, LA (504) 658-8042</p>	<p>Design Engineering, Inc. (DEI) was responsible for providing all services required for preparation of preliminary design plans, final design plans, specifications, and bid documents for the reconstruction of Audubon Boulevard (Willow Street – South Claiborne Avenue). DEI was also responsible for the following design features: roadway pavement complete with curbs; a base for the roadway pavement; subsurface drainage; water and sanitary sewer installation, modifications, adjustments, and repair as required; adjustments as required at driveways, at intersecting streets, and at project termini. Final grades were to be compatible with adjacent properties and insured a positive flow of water towards catch basins. Installation of ramps for the handicapped at intersections (including medians) were included.</p> <p>Specifically, this project included the preliminary and final design, construction administration, and resident inspection for 2,900 LF of new roadway. Included in the project for Audubon Boulevard was a divided roadway with raised median, a new concrete roadway with 2,900 LF of subsurface drainage varying in size from 12"ø to 60"ø RCPA equivalent, 2900 LF of 8" water main and 3000 LF of 8" sewer line, gas line, and electric line relocation, new water meter and new sewer, water house connections, cold planning and overlaying on side streets. During the project design phase DEI prepared project specifications, DOTD permitting and prepared cost estimates.</p>	
<div style="text-align: center;">    </div>		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	\$1,403,488.00	\$1,403,488.00

TEC Professional Services Questionnaire

PROJECT NO. 10									
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:								
<p>MacArthur Drive Interchange Completion Phase 1A – (At-Grade Roadway & Bridges), Westwego, Gretna, LA</p> <p>Mark Drewes Jefferson Parish Engineering Dept. 1221 Elmwood Park Blvd. Jefferson, LA (504) 736-6505</p>	<p>Macarthur Drive Interchange Completion (On and Off Ramps For Peters Road) – Phase 1A (At-Grade Roadway) - includes the demolition of a portion of the existing service road and the relocation of the service road to accommodate the new bridges to be constructed under Phase 1B of this project. The bridges will be constructed using Type II girders and trapezoidal box girders supported on single pier bents with pile footings to match the aesthetics of the existing Westbank Expressway Bridge. The work includes the relocation of existing utilities, including water mains and appurtenances, gas lines, as well as overhead and below ground power lines; the construction of storm drain pipes and manholes; the extension of the existing reinforced concrete box culvert; and the construction of the new relocated service road, including the installation of a compacted sand sub-base course, crushed limestone base course, Superpave asphaltic concrete binder and wearing courses, as well as concrete curb and gutters, concrete driveways and concrete sidewalks.</p> <p>DEI has been engaged to provide the necessary engineering services to complete the project.</p> <p>DEI is providing the design for:</p> <ul style="list-style-type: none"> ✓ All geometric design incorporating the required safety features ✓ Column clearance designs ✓ Utility relocations ✓ Foundation Clearance design ✓ Attention to the coordination of very large columns within the roadway right-of-way ✓ Drainage design ✓ At-grade roadway relocation ✓ Right-of-way plans ✓ Temporary retaining structure for pile supported columns ✓ Management of roadway & bridge design team during construction ✓ Major public presentations and meetings with affected property owners. <p>The project is rated as very complex by the LADOTD. Phase 1A bid at \$4,400,000.00</p>								
 									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9e1f2;"> <th rowspan="2" style="width: 40%; padding: 5px; text-align: left;">Completion Date (Actual or estimated):</th> <th colspan="2" style="padding: 5px; text-align: center;">Estimated Cost:</th> </tr> <tr style="background-color: #d9e1f2;"> <th style="width: 30%; padding: 5px; text-align: center;">Entire Project:</th> <th style="width: 30%; padding: 5px; text-align: center;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">2016</td> <td style="text-align: center; padding: 5px;">\$39,000,000.00</td> <td style="text-align: center; padding: 5px;">\$4,700,000.00</td> </tr> </tbody> </table>		Completion Date (Actual or estimated):	Estimated Cost:		Entire Project:	Work for which Firm was Responsible:	2016	\$39,000,000.00
Completion Date (Actual or estimated):	Estimated Cost:								
	Entire Project:	Work for which Firm was Responsible:							
2016	\$39,000,000.00	\$4,700,000.00							

TEC Professional Services Questionnaire

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

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

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



Design Engineering, Inc. (DEI), a Jefferson Parish Woman-Owned Small Business, is a highly qualified civil engineering firm with over 40 years of experience serving Jefferson Parish and the Greater New Orleans region. Since 1984, DEI has specialized in innovative drainage and flood control solutions, as well as certified resident inspection services for public works projects.

For the Mike Miley Community Oasis Project, DEI offers a strong history of designing and delivering effective drainage systems that support sustainable site development. Our team has extensive experience in Hydrologic and Hydraulic (H&H) modeling, which plays a critical role in analyzing stormwater behavior and optimizing drainage solutions. We understand the importance of implementing strategies that improve stormwater management, enhance usability, and mitigate heat island effects—key goals of this project.

In addition, DEI provides certified resident inspection services to ensure construction activities are completed in strict accordance with project specifications and quality standards. Our inspectors are thoroughly familiar with Jefferson Parish's procedures and expectations.

TEC Professional Services Questionnaire

EVALUATION CRITERIA

1. PROFESSIONAL TRAINING AND EXPERIENCE:

Design Engineering, Inc. (DEI) specializes in drainage and flood control systems, including comprehensive Hydrologic and Hydraulic (H&H) modeling, to effectively manage stormwater in public spaces. Our staff includes experts proficient in HEC-HMS, HEC-RAS, and other industry-standard modeling software. We routinely perform H&H analyses to support stormwater management, optimize drainage designs, and ensure regulatory compliance. Our experience includes designing and implementing drainage systems that reduce flooding risks, improve site drainage, and support the long-term usability of parks and recreational areas—such as the Mike Miley Community Oasis Project.

2. SIZE OF FIRM:

DEI combines the technical capabilities of a large firm with the personalized attention of a small business. Our staff includes senior engineers with decades of hands-on experience, ensuring that our clients receive expert guidance and direct involvement from our leadership. We maintain a highly qualified team of engineers, inspectors, and support personnel ready to support this project.

3. CAPACITY FOR TIMELY COMPLETION OF NEWLY ASSIGNED WORK:

DEI has substantial capacity to take on new assignments. Several major projects have recently been completed, and our engineering and inspection teams are available to begin work immediately. We are confident in our ability to meet all project milestones and deadlines for the Mike Miley Community Oasis Project.

4. PAST PERFORMANCE ON PARISH CONTRACTS:

DEI is a Jefferson Parish company that has earned multiple awards for its work in the parish. Notable recognitions include:

- **ACI Louisiana Award for Best Project of 2012, Best Public Works Project of 2012, and the Award for Sustainability** for the Planters Pumping Station Frontal Protection Project (Jefferson Parish).
- **ACI Louisiana Award of Excellence and Overall Best Concrete Project** for the MacArthur Interchange Completion Project – Phase 1B in 2016 (Jefferson Parish).

We have successfully completed complex projects such as:

- Wilker Neal at Airline Drive, completed on time and without a single change order.
- Veterans Boulevard Widening, Roosevelt to Williams, completed on time despite difficult traffic conditions with no complaints from adjacent property owners.
- Manhattan Boulevard Widening, successfully executed in one of the highest traffic areas of the Parish.

Design Engineering, Inc. has designed and administered construction contracts for award-winning projects. We received a Certificate of Exceptional Performance from the USACE for work that included pump station design. The Lakefront Airport Bridge (East Approach) won multiple awards, including Best Project of the Year in Louisiana by the ACI Louisiana Chapter and Best Project from the Precast/Prestressed Concrete Institute.

Additionally, DEI received the **ACI Louisiana Award of Excellence and Best Public Improvement Project** for the Lakefront Seawall Area Erosion Control Project in 2014.

- We complete projects on time and within budget.
- Our work has been recognized with multiple local and regional awards.



TEC Professional Services Questionnaire

- We are dedicated to the success of every project we undertake.

5. LOCATION OF OFFICE:

DEI maintains its principal office in Jefferson Parish at 3330 West Esplanade Avenue, Suite 205, Metairie, Louisiana, and has done so for 40 years.

- We are headquartered in Jefferson Parish and offer outstanding geographic proximity to serve the Parish under this assignment.
- All proposed project personnel work in Jefferson Parish, and many live here as well.
- DEI has worked closely with federal, state, and local governments, as well as private industry and local communities, for over 40 years.
- We can and will provide responsive services as required for this project.



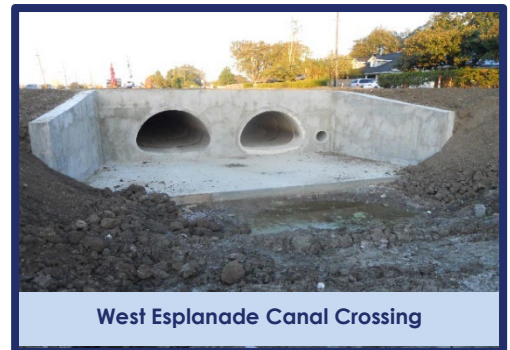
6. ADVERSARIAL LEGAL PROCEEDINGS:

Design Engineering, Inc. is not now, nor has it ever been, involved in any adversarial legal proceedings between the Parish and any related parties.

7. PRIOR SUCCESSFUL COMPLETION OF PROJECTS OF THE TYPE AND NATURE OF THE ENGINEERING SERVICES:

DEI has completed dozens of successful drainage projects in Greater New Orleans that required new drainage structures, earthwork, roadway reconstruction, and utilities relocation work. Many are shown herein, and a brief listing is shown below:

- **Airline Drive Drainage Crossing - St. Peter's Ditch:** Design, Construction Administration, and Resident Inspection for drainage improvements to the existing St. Peter's Ditch.
- **Duncan Canal Bridge Replacement:** Planning, design, and engineering tasks, most notably the hydraulic analysis and structural design for the primary drainage canal in Kenner.
- **West Esplanade Canal Crossing:** feasibility/ conceptualization, hydraulic engineering, preliminary and final plans, construction administration, and resident inspection services for the improvements to the West Esplanade Avenue Crossing (Between Williams Blvd. and Power Blvd.)
- **Northbound Manhattan Boulevard Continuous Right Turn Lane:** Design, Construction Administration, Construction Engineering, and Resident Inspection for the widening the roadway which included drainage and subsurface drainage under the additional lane.
- **Wilker Neal Drive at Airline Drive:** Design, Construction Administration, and Resident Inspection for a new 1100 foot long double celled 8'x8' reinforced concrete box culvert.
- **Robert E. Lee Boulevard Improvements:** Wickfield Dr. to Elysian Fields Ave.: Design, Construction Engineering and Resident Inspection (drainage structures and drain lines).
- **Robert E. Lee Boulevard Improvements:** Paris Avenue to Pratt Drive: Design, Construction Management and Resident Inspection (drainage structures and drain lines).
- **Fleur de Lis Drive Reconstruction – Phase II:** DEI provided the Design, Construction Management and Resident Inspection for this project. (drainage structures and drain lines)
- **Audubon Boulevard Street Improvement Project (Willow St. to South Claiborne Ave.):** Design, Construction Engineering and Resident Inspection (subsurface drainage)
- **Veterans Blvd. Widening:** Roosevelt to Williams: addition of one lane in each direction and left-turn and U-turn lanes with complete overlay (subsurface drainage)
- **Macarthur Dr. Interchange Completion Project (At-Grade Roadway & Bridges):** Design, Construction



TEC Professional Services Questionnaire

Engineering and Support of a frontage road along the elevated Westbank Expressway (storm drain pipes).

- **Dwyer Drainage Pumping Station, Discharge Tubes and Canal:** Design, Construction Engineering and Resident Inspection (drainage discharge).
- **Algiers Canal Pumping Station Project (Planters Pumping Station):** Design and Engineering During Construction (extension of nine (9) steel drainage discharge pipes)

PAST AND CURRENT PROFESSIONAL ACCOMPLISHMENTS:

DEI has over 40 years of experience in engineering design, analysis, and construction management across a variety of infrastructure types, including drainage systems, pumping stations, roadways, parks, levees, floodwalls, and floodgates.

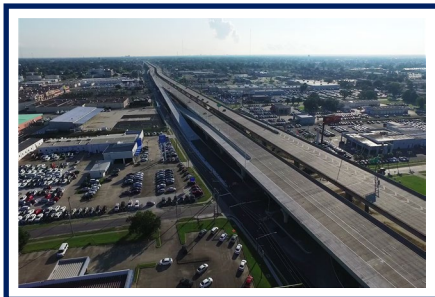
We have coordinated major hurricane and flood protection programs involving more than 80 projects totaling over \$400 million.

DEI consistently delivers high-quality projects and has received numerous awards for excellence and sustainability, many of which were for projects in Jefferson Parish.

Closing Statement:

Design Engineering, Inc. is highly interested in the Mike Miley Community Oasis Project. We have the experience, capacity, and expertise to deliver high-quality drainage solutions that support the project's goals of accessibility, sustainability, and community resilience.

- **DEI has extensive experience designing drainage improvements projects throughout Jefferson Parish and the New Orleans Metropolitan Area.**
- **We have the capacity to absorb this project assignment immediately.**
- **We look forward to providing our services to Jefferson Parish once again.**



**BEST OVERALL CONCRETE PROJECT & AWARD OF EXCELLENCE
MACARTHUR INTERCHANGE COMPLETION PROJECT –
PHASE 1B**



**OVERALL BEST PROJECT, AWARD OF CONCRETE
SUSTAINABILITY & AWARD OF EXCELLENCE
PLANTER'S PUMP STATION FRONTAL PROTECTION**



**AWARD OF EXCELLENCE & AWARD FOR BEST PROJECT
EAST AND WEST APPROACH TO STARS AND STRIPES
BLVD.**

TEC Professional Services Questionnaire

AWARDS

- Award of **Excellence** in Historic Preservation from The La Landmarks Society for The Mary Beth Hotel, 310 S. Rampart St. (2024)
- **Overall Best Concrete** Project in Louisiana from ACI Louisiana Chapter for Causeway Blvd. Overpass at Airline Dr. (2023)
- Award of **Excellence** from ACI Louisiana Chapter for Causeway Blvd. Overpass at Airline Dr. (2023)
- Award of **Excellence** in Historic Preservation from The La Landmarks Society for 315 Girod/Ironworks Building Project (2023)
- Award of **Excellence** from the ACI, Louisiana Chapter for Seawall Erosion Control Paving (2022)
- Award for the **Best Place to Work** from the City Business (2022)
- Award of **Merit** from the ACI, Louisiana Chapter for St. Andrew Street Wharf Erosion Mitigation (2022)
- Award for the **Top Engineering Firm** from the City Business (2021)
- Award for the **Top Engineering Firm** from the City Business (2020)
- Award of **Excellence** in Construction and Real Estate from City Business (2019)
- Award of **Excellence** in Historic Preservation from The La Landmarks Society for 419 Carondelet Project (2019)
- Award of **Excellence** in Historic Preservation from The La Landmarks Society for 822 Howard Project (2017)
- **Overall Best Concrete** Project in Louisiana from ACI Louisiana Chapter for MacArthur Interchange Completion Project –Phase 1B (2016)
- Award of **Excellence** from ACI Louisiana Chapter for MacArthur Interchange Completion Project – Phase 1B (2016)
- Award of **Excellence** from the ACI, Louisiana Chapter for the **OLD** Seawall Erosion Control Paving Project – Reach 1B (2014)
- **Most Improvement to the Public Award** from the ACI, Louisiana Chapter for the **OLD** Seawall Erosion Control Paving Project – Reach 1B (2014)
- **Overall Best Project** in Louisiana from the ACI, Louisiana Chapter for Planter's Pump Station Frontal Protection (2012)
- Award for **Concrete Sustainability** from the ACI, Louisiana Chapter for Planter's Pump Station Frontal Protection (2012)
- Award of **Excellence** from the ACI, Louisiana Chapter for Planter's Pump Station Frontal Protection (2012)
- **USACE – New Orleans District Certificate of Appreciation**, for Exceptional Achievement in support of the Mississippi Valley Division's New Orleans District and the Execution of the Hurricane and Storm Damage Risk Reduction System (2012)
- **Exceptional Project Rate**, for LPV 106, US Army Corps of Engineers Hurricane Protection Office (2012)
- Award of **Merit** from ACI for the **OLD** Plaza Area Paving at Stepped Seawall on Lakeshore (2007)
- Award of **Excellence** from ACI for the **OLD** Lakeshore Drive – London Avenue Canal Bridge Replacement (2004)
- Award of **Merit** from ACI for the **OLD** Retaining Wall Restoration at the New Orleans Lakefront Airport (2002)
- **Creative Design Utilizing Precast and Prestressed Concrete** from PCI for the **OLD** East Approach to Stars and Stripes Boulevard (1999)
- Concrete Project Award from G.S.P.C.A. for **Best Project** for the **OLD** Stars and Stripes Boulevard East and West Approach (1997-98)
- **Best Project of the Year** in Louisiana award from ACI, Louisiana Chapter for the **OLD** East Approach to Stars and Stripes Boulevard (1997)
- Award of **Excellence** from the ACI, Louisiana Chapter for the **OLD** East Approach to Stars and Stripes

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

Signature:  Print Name: Jim Martin, Ph.D., P.E.

Title: President Date: April 3, 2025

A. Project Name and Advertisement Resolution Number:

Professional Landscape Architecture Services for the Mike Miley Community Oasis Project Ecosystems and Coastal Management Department
Resolution No. **145708**

B. Firm Name & Address:

Urban Systems, Inc.
2000 Tulane Ave, Suite 200
New Orleans, LA 70112

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:

Alison Catarella Michel, P.E.,PTOE,PTP,RSP_{2i}
President / Transportation Engineer
acmichel@urbansystems.com
504-569-3958

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.

Alison Catarella Michel, P.E.,PTOE,PTP,RSP_{2i}
President / Transportation Engineer
acmichel@urbansystems.com
504-569-3958

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

<u>2</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u>1</u> Graduate Engineers
<u>5</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>4</u> Other
<u>1</u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u>13</u> TOTAL

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

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

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

1. 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. Urban Systems, Inc. 2000 Tulane Ave. Suite 200 New Orleans, LA 70112	Traffic Engineering	Yes
2.		
3.		

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

5

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:

Alison Catarella Michel, P.E., PTOE, PTP, RSP₂₁

Project Assignment:

Principal In Charge of Transportation Engineering

Name of Firm with which associated:

Urban Systems, Inc.

Years' experience with this Firm:

24 years

Education: Degree(s)/Year/Specialization:

BS / 1997 / Civil Engineering

Active registration: Year first registered/discipline:

2002 / Professional Traffic Operations Engineer / No. 1023

2002 / Civil Engineering / Louisiana / No. 30261

2017 / Professional Transportation Planner / No. 626

2018 / Road Safety Professional / No. 115

2023 / Road Safety Professional Infrastructure / No. 148

Other experience and qualifications relevant to the proposed Project:

SKILLS:

Ms. Michel has over twenty-four (24) years' experience in Traffic Engineering and Transportation Planning. Ms. Michel has extensive design experience that includes permanent and temporary traffic signals, traffic control devices for work zones, intelligent transportation systems, signage, and striping. She has supervised traffic studies for a multitude of complete streets projects with a focus on improving pedestrian safety. She has designed pedestrian signals for almost every circumstance that has included fixed time coordinated systems in a downtown environment with pedestrian only phases, actuated pedestrian signals with and without pedestrian refuges and mid-block hybrid beacons. Ms. Michel's designs of pedestrian signals have been focused on identifying phasing sequences to encourage pedestrian compliance which is a key factor that affects safety. She is proficient in microscopic simulation modeling using VISSIM and CORSIM and also in analysis programs such as Highway Capacity Software (HCS), Synchro, Tru-Traffic and SIDRA.

PROFESSIONAL IN CHARGE OF PROJECT:

Other experience and qualifications relevant to the proposed Project:

ALISON CATARELLA MICHEL PAGE 2

EXPERIENCE:

D'Iberville Intersection Improvements , Mar 2009 - April 2010

For the City of D'Iberville, Ms. Michel studied and designed intersection improvements at seven intersections to better facilitate travel in the D'Iberville Central Business District. One of the results was the Central Avenue project which was an upgrade of a small-town two-lane road with direct access to parking to the properties along it to a two-lane boulevard with access management/appropriately sized driveways to parking areas, sidewalks with ADA accessible ramps access and lighting. She prepared construction plans and specifications for traffic signal modifications. She also prepared striping and signage plans, and traffic control devices plans for the sequence of construction.

Val Riess Park Access and Bike Path Extension, St. Bernard Parish Metropolitan Transportation Plan Refinement

Sept 2010 – June 2012

Ms. Michel was the project manager for the study to increase safety and allow for more functional ingress and egress of traffic at the park. Alternatives were identified and construction cost estimates prepared. An additional study was performed to identify a potential bike route extension. A map of potential routes was presented to the stakeholders for input.

Bike Paths in Jefferson Parish, Jefferson Parish, LA, Dec 2008 – Jun 2009

Ms. Michel developed a design for bike paths in Jefferson Parish, especially to connect the Lake Pontchartrain Bike Path to the Mississippi River Levee Bike Path. She identified the bike path by conducting field investigations to identify alternate routes, after which she prepared maps and pro/con lists for alternate routes. She presented the alternate routes to appropriate agencies and conducted public meetings for input. She led the team that developed required improvements along the chosen route to include, but not limited to, striping, signage, pavement repair (potholes, asphalt overlay, concrete panel replacement) and/or signalization. This required collecting field measurements, developing construction plans, preparing cost estimates, and conducting public meetings. She developed the technical plans and specifications for the letter bid package which Jefferson Parish used to advertise, let and award the contract.

Convention Center Master Plan , April 2011- May 2014

Ms. Michel managed the project which included a traffic study of the proposed Convention Center Vision Plan which included an anchor hotel, office, residential and retail. Transportation master planning for the site took into account existing traffic volume and flow patterns, the proposed extension of the Riverfront Streetcar, development of the Convention Center Streetcar, the extension of Convention Center Boulevard Upriver, and the development / redevelopment of the former street grid. The project also included evaluating the feasibility of changing the cross section and traffic operation of Convention Center Boulevard to develop a linear park.

Ochsner Health System, Main and West Campus Traffic Impact Analysis, LA, Nov 2015 – May 2017

As the Principal in Charge for Urban Systems Ms. Michel supervised the preparation of a Traffic Impact Analysis for Master Plan Improvements at Ochsner's Main Campus and Phase 1 the West Campus. Ms. Catarella-Michel supervised vehicular and pedestrian data collection efforts, developed trip generation estimates, assisted in existing conditions and design year traffic analyses and quality control checking of the report documents.

Westbank Expressway at Whitney Ave Signal Modifications Jefferson Parish, LA Oct 2020 – Oct 2021

Ms. Michel oversaw the design of signal modifications at the intersection of Westbank Expy and Whitney Ave. The signal modifications were required to accommodate a new multi-use path crossing at the southern portion of the intersection. The design included an audible push button activation for a pedestrian phase to run concurrently with the existing phasing. This required calculating pedestrian clearance times and developing timing plans conducive to pedestrian compliance. Ms. Michel also performed QA/QC to ensure the design met DOTD standards.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Name & Title:**

Nicole H. Stewart, P.E., PTOE

Project Assignment:

Transportation Engineer

Name of Firm with which associated:

Urban Systems, Inc.

Years' experience with this Firm:

19 years

Education: Degree(s)/Year/Specialization:

BS / 2004 / Civil Engineering

BS / 2004 / Physics

Active registration: Year first registered/discipline:

2009 / Civil Engineering / Louisiana / No. 34750

2012 / Professional Traffic Operations Engineer / No. 2923

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

Ms. Stewart has nineteen (19) years of experience in Traffic and Transportation Engineering and is a certified Traffic Control Design Specialist. Ms. Stewart has extensive experience in preparing Transportation Management Plans and site-specific traffic control devices plans for every possible environment. This includes closing downtown streets with bike lanes and sidewalks, suburban road closures on multilane highways, and rural road closures requiring extensive detours as well as ramp and interstate closures, both intermittent and long term. Ms. Stewart has designed numerous traffic signals with and without pedestrian accommodation. She has conducted safety studies for public and private clients to improve pedestrian mobility and safety in areas with high volumes of pedestrian activity. Ms. Stewart has experience in signal design and timing of coordinated systems for LADOTD. She has experience using Highway Capacity Software (HCS), Synchro, and SIDRA.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Other experience and qualifications relevant to the proposed Project:
<i>NICOLE H. STEWART PAGE 2</i>
EXPERIENCE:
City Park Regulatory and Traffic Control Signage, May 2011- Aug 2011 Ms. Stewart conducted the field inventories of all the signage in New Orleans City Park. The inventories included location, conditions, size, height and photographs of each sign. She assisted with the development of a spreadsheet and maps to organize each sign and determine if any replacements/ relocations would be required. She also assisted with the development of a cost estimate for the signage work. Ms. Stewart attended meetings with City Park to discuss the findings and projected cost.
Xavier University Master Plan, Nov 2021 – Jan 2022 The Transportation Planning efforts for the fifteen-year Campus Master plan was led by Ms. Stewart. Over the next decade, Xavier University plans to repurpose various parts of the campus. Ms. Stewart gave recommendations on how circulation and parking should be addressed to accommodate the desired walkable campus on the North side of the University. Ms. Stewart also provided recommendations for vehicular circulation, a possible campus shuttle, and on how to best create a main entrance to the University on the South side of the Campus
Florida Boulevard, Feb 2021- ongoing Ms. Stewart oversaw the traffic study to identify improvements for pedestrian access along US 190 (Florida Blvd) from N. 22 nd St to 1,140 feet east of N. Beck Street. Ms. Stewart conducted site observations and geometric field checks to document existing conditions to identify concerns that affect pedestrians and cyclists. Ms. Stewart conducted QA/QC of the safety study that involved the review of more than 150 crash reports. Ms. Stewart assisted with identifying potential alternatives to improve pedestrian and bike accommodation along the US 190 corridor. The traffic Study was approved, and design of the signalization is the next task.
Carrollton Intersection - Carrollton and Palmetto/Washington Streetscape, Nov 2008- Nov 2012 Ms. Stewart was the lead engineer on the Carrollton and Palmetto/Washington Streetscape Project for the City of New Orleans. For this project, corridor enhancements were designed including pedestrian surface walkway improvements; bikeways; traffic and pedestrian signalization; vehicular and pedestrian signage; landscaping, lighting, public art, pocket park improvements; minor improvements to curb and gutter, sidewalks, and street surface; minor drainage modifications and improvements; ADA compliant ramps and bus stop relocations. The project entailed Schematic Design, Topographical Survey, Environmental Study, Preliminary and Final Designs, Construction Management, and Community Meetings. Ms. Stewart managed the staff that conducted the analysis and performed QA/QC.
Belle Chasse Academy Charter School, Sept 2022-Oct 2022 Ms. Stewart was the engineer responsible for reviewing the existing pedestrian accommodation at the school and identifying if changes were needed at the existing crosswalks, and/or if new signalized crosswalks would be needed with the school's planned expansion. Ms. Stewart used the collected data to conduct warrants for Rectangular Rapid Flashing Beacons and Pedestrian Hybrid Beacons. Recommendations included crosswalk consolidation and implementing the use of crossing guards during peak hours of pedestrian activity.
Southland Park Casino Expansion, Mar 2019-Nov 2019 Site circulation plans for the proposed casino expansion were prepared by Ms. Stewart. A site visit was conducted at the West Memphis Casino to document the current vehicular access and internal circulation. Ms. Stewart made recommendations to improve ADA compliance, walkability and driver compliance to signage and pavement markings. Ms. Stewart also gave recommendations to improve circulation in the proposed parking garage.

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Christine M. Darrah, P.E.
Project Assignment:
Transportation Engineer
Name of Firm with which associated:
Urban Systems, Inc.
Years' experience with this Firm:
10 years
Education: Degree(s)/Year/Specialization:
BS / 1994 / Civil Engineering
Active registration: Year first registered/discipline:
1999 / Civil Engineering / Louisiana / No.28528
Other experience and qualifications relevant to the proposed Project:
SKILLS: <p>Ms. Darrah has over twenty-seven (27) years of experience in Civil Engineering. She has experience in many different aspects of Transportation Engineering. Her design experience previous to USI included roadways from local roads to interstates, drainage systems, utility relocations/replacements and flood protection levees. A few of examples of her areas of expertise are geometric design, hydraulic analysis, construction document preparation for various agencies, construction cost estimating and construction administration. At USI, Ms. Darrah has prepared striping layouts and signage designs for new and modified intersections, parking lots, a bus turnaround and container yard for the Port of South Louisiana. She has assisted with and conducted QA/QC for roadway plan preparation, drainage design, signal design, calculating quantities for cost estimates and quality assurance based on LADOTD, East Baton Rouge Parish and/or City of New Orleans standards. In 2015, Ms. Darrah completed the LUSC Training Design, Construction & Maintenance of Green Infrastructure and is now a Water Wise NOLA certified Green Infrastructure Professional 1.</p>

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**Other experience and qualifications relevant to the proposed Project:***CHRISTINE M. DARRAH PAGE 2***EXPERIENCE:****City Park Parking Lot Improvements** , June 2014 – Jan 2017

Ms. Darrah lent her expertise to design roadway and parking lot improvements in City Park, New Orleans, LA. Ms. Darrah provided QA-QC of construction drawings and specifications to ensure accordance with all MUTCD, ADA, and New Orleans DPW requirements. Permeable asphalt pavement was used in the parking lot to incorporate green infrastructure in the project. The work consisted of geometric layout, grading, drainage, utility adjustments, striping and signage. Ms. Darrah also conducted construction administration services to ensure compliance with City of New Orleans DPW standards.

Springhill Medical Hospital, May 2014 - Nov 2016

The Master Circulation Plan and site improvements for Springhill Medical Hospital in Mobile, Alabama project was led by Ms. Darrah. Her role included client interaction and plan preparation for improving facility and parking circulation, pedestrian safety, trailblazing signage and separate access routes for facility operations and emergency vehicles. As the project evolved, Ms. Darrah developed engineering alternatives for the access roadways to address the substantial grade differential with the adjacent canal.

Audubon Nature Institute, Aquarium of the Americas, Bus Turn Around , Aug 2015 – Jan 2016

Ms. Darrah was the lead engineer and project manager for the widening and rehabilitation of the existing asphalt service alley along the riverfront of the Mississippi River in New Orleans, Louisiana. The purpose of the project was to provide an off-street bus drop off location for Aquarium visitors. Plans and specifications included typical sections, geometric layout, grading and drainage plans, and required signage and striping. Tasks included design, Auto-turn analysis, construction administration, and coordination with N.O. Public Belt Railroad, surveyors and the geotechnical engineer.

FEMA Recovery Roads Program, Mar 2013 – ongoing

Ms. Darrah assisted with the design plans for the initial phase of roadway plans for the Seventh Ward, Bayou St John and Fairgrounds neighborhoods that were damaged by events related to Hurricane Katrina. Plans were prepared for partial and full concrete and asphalt pavement replacement and asphalt mill and overlay. Incidental paving included sidewalk and driveway replacement and ADA ramp installation at all intersections. She assisted with estimating quantities and construction costs. For the second phase of design services, the plans were for the full re-construction of several streets including waterline replacement. Construction Administration services included overseeing inspectors and construction operations, invoice reviews, preparation of field changes, plan changes for scope modifications, and close out documents.

MSY Entrance Road Capacity, North Terminal Louis Armstrong New Orleans International Airport,


June 2021- Oct 2021

Ms. Darrah prepared temporary and permanent striping and signage plans for the widening of the Southbound Airport Access Roadway, realignment of TNC Road, and widening of Northbound Airport Access Rd. As part of this project, she performed a comprehensive review of the adjacent Airport Access Rd Improvements included in the I-10/Loyola Interchange Improvement project. The proposed improvements required the temporary closure of one lane of the airport roundabout, roundabout slip lane and right lane of Northbound Airport Access Rd.

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>City Park Parking Area Improvements</p> <p>Orleans Parish, LA</p> <p>City of New Orleans Richard Scheirman, P.E. 1300 Perdido Street New Orleans, LA 70112</p>	<p>Project included the development of a Schematic Design concept for the following four (4) alternatives within City Park:</p> <ol style="list-style-type: none"> 1. A new paved parking facility to serve Tad Gormley Stadium with an entrance from Stadium Drive 2. Improvements to the service road adjacent to the Wisner Blvd overpass to serve the Pan American Stadium parking area 3. Expand the paved area of the existing parking lot on the west side of Tad Gormley Stadium near Marconi Drive 4. An overflow unpaved parking area at Roosevelt Mall and Palm Drive <p>Plans and specifications for the reconstruction include the following design features: parking area/roadway pavement complete with curbs; a base for the pavement; subsurface utilities, including but not limited to, drainage, water, and sanitary sewer modifications, adjustments and repair as required; and adjustments as required at driveways, intersecting streets and project termini. Installation of ramps for the handicapped at intersections, including medians, or appropriate locations shall be included. Urban Systems worked in conjunction with all the utility departments of the City.</p> <p><u>Schematic Design</u></p> <p>Design alternatives take into account active recreation areas that are in the vicinity of the site, existing oak trees that must be maintained, and land that could be used to increase the capacity and / or the efficiency of each parking facility. The schematic design includes site access drives, internal circulation patterns, and parking module and stall layout and estimated construction costs.</p> <p>After review and evaluation of benefit, associated cost estimate, and total project budget, Alternative four (4) was chosen for further development which included:</p> <p><u>Construction Management</u></p> <p>Urban Systems provided a Field Construction Inspector who maintains all construction field records including daily project diary, all pay items of work, quantities completed and prepares request for payment on City forms. Upon completion, USI engineers will make a final inspection and submit "as-built" drawings.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011	Unknown	\$90.7K


PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Belle Chasse Academy-Pedestrian Crosswalk Study</p> <p>Belle Chasse, LA</p> <p>Belle Chasse Academy Michael Rocks 504.373.4965 100 5th St New Orleans, LA 70037</p>	<p>Urban Systems, Inc. provided professional traffic engineering services for a pedestrian crosswalk study at Belle Chasse Academy Charter School. With planned renovations to the main building, STEM laboratory, and track field, as well as the addition of outdoor classrooms and green space in the northwest quadrant of Russell Drive and 5th Street, this study aimed to assess and enhance pedestrian accommodations for safe student travel between the main building and the new outdoor learning spaces.</p> <p>The study involved a comprehensive site visit to document roadway characteristics and assess sight distance for both drivers and pedestrians. Data collection included a 48-hour turning movement count at the Russell Drive and 5th Street intersection and a 12-hour pedestrian count across three existing crosswalks. A literature review of best practices for pedestrian crosswalk installations with flashing beacons informed our analysis. Based on the collected data and industry guidelines, Urban Systems developed targeted recommendations, which were summarized in a Technical Memorandum and discussed in a collaborative meeting with project stakeholders.</p>	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	Unknown	\$9.8K

PROJECT NO. 3

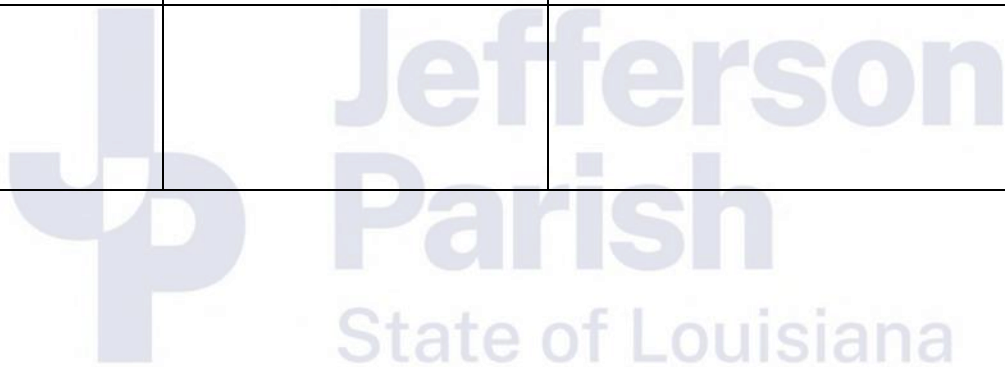
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Aquarium of the Americas Bus Turn Around</p> <p>Orleans Parish, LA</p> <p>Audubon Nature Institute Ashley McClaran 504.940.7219</p>	<p>Urban Systems developed preliminary plans and cost estimate, and final plans and specifications for improvements on the Aquarium of the Americas service alley between Bienville St. and Conti St. in New Orleans. The widened roadway provides an off street bus drop off location for Aquarium visitors.</p> <p><u>Schematic Design</u> Design alternatives take into account active recreation areas that are in the vicinity of the site, existing oak trees and railroad features that must be maintained, and land that could be used to provide bus access from Bienville St. to Conti St. The schematic design includes site access and circulation patterns. Autoturn was used to optimize the alignment for bus circulation to minimize the effects on the surrounding area.</p> <p><u>Service Alley</u> was widened and resurfaced and the existing drainage modified for the new roadway layouts. Design included new pavement, milling and overlay, grading drainage and striping. Existing utilities remained with only minor adjustments to existing manholes and/or meter box elevations. Railroad crossing expansion and signal relocation to be performed by N.O.P.B. was included in the design plans. Sidewalk markings directing pedestrians from Waldenberg Park to the Railroad crossings were included in the design plans.</p> <p><u>Preliminary and Final Design</u> Upon completion of the Topographic Survey and Geotechnical services, preliminary plans were prepared. Complete final construction documents including plans, specifications, and bid documents were prepared for the reconstruction include the following design features: parking area/roadway pavement complete with curbs; a base for the pavement; mill and overlay; striping; bollards; and utility adjustment, including but not limited to, manhole adjustments and drainage modifications.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016	\$194K	\$17.5K

PROJECT NO. 4

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Val Riess Park Metropolitan Transportation Plan Refinement</p> <p>St. Bernard Parish, LA</p> <p>Regional Planning Commission 10 Veterans Memorial Boulevard New Orleans, LA 70124 Walter Brooks wbrooks@norpc.org</p>	<p>Stage "0" Feasibility Study Bike Path Extension – Levee to Val Riess Park</p> <p>Study objective was to identify a potential bike route extension of the bike path being constructed from St. Bernard Park to Murphy Oil to Val Riess Park. The initial path for evaluation was from the levee to Pecan Street to Palmisano Boulevard to the park; other routes were also identified during the course of the study. The study included the following tasks:</p> <ul style="list-style-type: none"> • Conducted a site visit to document existing conditions of the roadways that are within the Federal System and provide access between the levee at Murphy Oil and the Park. This included obtaining field measurements to document lane widths and other features critical for implementing a bike path. • Prepared a map indicating potential routes • Prepared a conceptual drawing of the bike path to include a typical section, proposed striping and signage • Identified improvements to the existing roadway network. • Developed a construction cost estimate for the bike path and associated improvements • Completed a DOTD Stage "0" checklist. <div data-bbox="553 953 1539 1604">  <p style="text-align: right;">Figure 7 Considered Routes Bike Path Extension - Levee To Val Riess Park St. Bernard Parish, Louisiana FOR PLANNING PURPOSES ONLY</p> </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	Unknown	\$10K

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. Decay	Jefferson Parish Urban Systems, Inc. Design Engineering, Inc.	Closed Plaintiff Received No Award
2.		
3.		
4.		



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



Urban Systems, Inc. (USI) is a licensed consulting engineering corporation in Louisiana, Mississippi, Alabama, and Texas with offices in New Orleans and Baton Rouge, Louisiana and Biloxi, Mississippi. USI specializes in traffic engineering and transportation planning and has long been recognized for its technical expertise, analytical ability and imaginative approach to a wide range of traffic/transportation planning and engineering projects. With continuous service since 1974, our ability to bring a variety of experience to a project has proven valuable to our clients who are involved in improving transportation infrastructure in both urban and rural environments. USI staff stays current via education and training.

Throughout our history, we have been honored to support the state of Louisiana, Jefferson parish and other local governments in their initiatives to improve safety and mobility. USI recognizes that transportation professionals have a responsibility to the community to apply their knowledge, experience, insight, and energy to maintain and/or improve quality of life. Urban Systems has successfully completed projects that address all aspects of transportation and planning to optimize traffic safety and operations.

USI's vision is to be the premier firm in Louisiana and surrounding areas by providing quality Traffic Engineering and Transportation Planning services.

Our mission is to provide comprehensive multi-modal transportation solutions that enhance quality of life for all users through partnerships with public and private clients. We develop leaders in traffic and transportation engineering by cultivating the full potential of our team members.

Core Values:

Quality
Integrity
Teamwork
Client relationships

Focus: Enhance quality of life for all.

Urban Systems, Inc. is a *certified Disadvantaged Business Enterprise by the Louisiana , Mississippi, and Texas Unified Certification Programs, a Women Business Enterprise, Certified- Active as a small entrepreneur with Louisiana Economic Development Hudson Initiative, SEDBE certified by the City of Baton Rouge, Parish of East Baton Rouge and a Women owned Small Business.*

WEBSITE

www.urbansystems.com

New Orleans, LA
2000 Tulane Ave. Suite 200
New Orleans, LA 70112

Baton Rouge, LA
8221 Summa Ave. Suite A
Baton Rouge, LA 70809

Mississippi
925 Tommy Munro Dr, Ste. G
Biloxi, MS 39532

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. Decay	Jefferson Parish Urban Systems, Inc. Design Engineering, Inc.	Closed Plaintiff Received No Award
2.		
3.		
4.		

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

Jefferson Parish
State of Louisiana

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

Signature: Alison C Michel Print Name: Alison C Michel
 Title: Alison C Michel Date: 4.3.25

Technical Evaluation Committee (TEC) Questionnaire

Instructions

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

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Provide Professional Landscape Architecture Services for the
Mike Miley Community Oasis Project – SOQ No. 25-009

B. Firm Name & Address:

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

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

See Prime Submittal

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.

Kimball Schlafly, P.E.
Project Manager/Engineer
(504) 834-3448
kschlaflly@mca-llc.com

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

<u>7</u> Administrative	<u>1</u> Estimators	<u> </u> Specification Writers
<u>1</u> Architects (Licensed)	<u> </u> Geologists	<u>1</u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u> </u> Civil Engineers	<u> </u> Interior Designers	<u>2</u> Project Managers
<u> </u> Construction Inspectors	<u> </u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u>4</u> Electrical Engineers	<u>6</u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u> </u> Engineer Intern	<u> </u> Environmental Engineers	<u>5</u> Designers
<u> </u> Professional Land Surveyors	<u>2</u> CADD Operators	<u>29</u> TOTAL

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

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

TEC Professional Services Questionnaire

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

1. N/A

2.

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

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

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

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Kimball M. Schlafly, P.E., Sr. Electrical Engineer
Project Assignment:
Sr. Electrical Engineer
Name of Firm with which associated:
Marrero, Couvillon & Associates, LLC.
Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 1988 / Electrical Engineering
Active registration: Year first registered/discipline:
1993 Electrical Engineer
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Schlafly has over 34 years of engineering experience in electrical engineering, project engineering and project management. He has been responsible for various projects requiring design of lighting, low and medium voltage power distribution, standby and emergency power systems, telecommunications, fire alarm, access control, video surveillance, and theatrical audio/visual and lighting systems. Mr. Schlafly has worked on projects with clients in both the public and private sector, such as the Recovery School District in New Orleans, Facility Planning and Control in Baton Rouge, Tulane University, Loyola University, University of New Orleans, as well as with various Architects, Engineering firms, and building owners. Prior to joining Marrero, Couvillon & Associates, Mr. Schlafly was managing partner of his own firm, working for contractors and owners on design-build projects as well as architects on design-bid projects.</p> <p>Vista Park and Patricia Park Repairs & Upgrades St. Bernard Parish, Chalmette, LA Sr. Electrical Engineer – MCA provided the MEP design to repair and upgrade 2 small neighborhood parks in St Bernard Parish. At Vista Park, the existing baseball field lighting consisting of metal halide fixtures on wood poles will be completely removed. Vista park shall be reconfigured to include a turf baseball field, grass multi-purpose field, children's playground, and a new concessions and restroom facilities. The field lighting shall consist of LED sports lighting fixtures, mounted 55 feet above grade on new wood poles. Lighting for the playground and new parking lot shall be 3-foot steel poles on concrete foundations. Each lighting areas shall be independently controlled using a relay based lighting control system, providing manual and automatic operation, with the option in the future for remote control through and internet connection.</p> <p>Skelly-Rupp Baseball Stadium Repairs City of New Orleans, LA Sr. Electrical Engineer - MCA was part of the team tasked with producing bid documents to repair the baseball field, stadium bleachers, press box, restrooms and parking lot. Damage originally occurred during Hurricane Katrina, with additional damage from hurricanes Ida and Zeta. MCA provided all MEP design for the project, including new LED lighting installed on existing 100-foot steel poles, complete replacement of the power distribution system for the entire facility, a new press box, new scoreboard, new Public Address system, and re-furbished concessions restrooms, and maintenance office. In order to stay within the funding provided by FEMA, all underground utilities will be re-used (water/sewer/power/communications). The project is in the bid phase.</p> <p>Coquille Parks & Recreation Upgrades & Master Plan St. Tammany Parish Rec District #14 Sr. Electrical Engineer - Master planning efforts started with a visioning process and the development of a mission statement, core values, and re-branding the district as Coquille Recreation. Plans for the main 100 acre park as well as linear park linkages and other potential recreational sites within the district were developed along with program, staffing and management recommendations. At the heart of the plan is the Great Park at Coquille, a multiuse recreational facility providing sports, passive recreation and entertainment venues for the public. MCA provided master planning for this effort for site electrical infrastructure, providing a detailed plan for segmental expansion and improvements to power distribution systems on the site. In addition, MCA provided mechanical and electrical engineering design services for several restroom facilities, a golf pro shop, a tennis court and outdoor athletic facility lighting.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Christian Schade, P.E., Sr. Electrical Engineer
Project Assignment:
Sr. Electrical Engineer
Name of Firm with which associated:
Marrero, Couvillon & Associates, LLC.
Years' experience with this Firm:
8
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 1993 / Electrical Engineering
Active registration: Year first registered/discipline:
2006 Electrical Engineering
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Schade's experience as an Electrical Engineer includes: Power system analysis, consisting of load flow, fault, arc flash and coordination studies using SKM Power Tools for Windows and ETAP. Proficient with incident energy level method of Arc Flash calculations per NFPA 70E, 2015 version. Electrical design support for small to medium size projects in industrial facilities, including installation of new pumps, agitators, metering equipment, lighting and power distribution centers. Design of utility switchyards up to 230 KV and protective relaying. Electrical design support for architectural type projects, such as office buildings, restaurants, hotels, and marinas. A few projects Mr. Schade has worked on include:</p> <p>Coquille Parks & Recreation Upgrades and Master Plan St. Tammany Parish, LA Sr. Electrical Engineer - Master planning efforts started with a visioning process and the development of a mission statement, core values, and re-branding the district as Coquille Recreation. Plans for the main 100 acre park as well as linear park linkages and other potential recreational sites within the district were developed along with program, staffing and management recommendations. At the heart of the plan is the Great Park at Coquille, a multiuse recreational facility providing sports, passive recreation and entertainment venues for the public. MCA provided master planning for this effort for site electrical infrastructure, providing a detailed plan for segmental expansion and improvements to power distribution systems on the site. In addition, MCA provided mechanical and electrical engineering design services for several restroom facilities, a golf pro shop, a tennis court and outdoor athletic facility lighting.</p> <p>Milton J. Womack Park BREC, Baton Rouge, LA Sr. Electrical Engineer - Marrero, Couvillon & Associates, with a civil subconsultant, provided civil, plumbing, and electrical engineering services for Womack Park. The project included grading 2 multi-purpose fields, installing irrigation and grass, and construction of a modular restroom building for the fields. The civil work included milling and repairs to the existing asphalt parking areas, design of new handicapped parking spaces, new driveway entrance, new ADA compliant sidewalks, and new fencing. Plumbing work included new water and sewer for the modular restroom building, and water supply for the irrigation systems. Electrical design included modifications to the parking lot lighting, new power distribution to the modular restroom building, and an expansion to the existing access control system to connect 2 new vehicle gates. System included 2-way voice communication and remote control of gates. Work was completed in 2018.</p> <p>Lemann Playground Clubhouse City of New Orleans, LA Sr. Electrical Engineer - Marrero, Couvillon & Associates provided mechanical and electrical engineering services for improvements at the Lemann Playground for the New Orleans Recreation Department in the City of New Orleans. In addition to new site power distribution and ballfield lighting, the work included construction of a new ADA compliant clubhouse building housing concessions, toilet facilities, and storage areas for playground equipment. Electrical design also included telecommunications service entrance, video surveillance, and data cabling infrastructure.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Brian Miller, P.E., Vice President of Engineering
Project Assignment:
Sr. Mechanical Engineer
Name of Firm with which associated:
Marrero, Couvillon & Associates, LLC.
Years' experience with this Firm:
10
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 1986 / Mechanical Engineering
Active registration: Year first registered/discipline:
1995 Mechanical Engineer
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Miller has over 28 years of engineering experience in mechanical engineering, project engineering and project management. He has been responsible for various projects ranging from HVAC systems design to wastewater pump stations. Projects relevant to the requirement in this solicitation are:</p> <p>Jones Creek Library, Baton Rouge, Louisiana – MCA was responsible for the Mechanical, Electrical, Plumbing and Fire Protection for the Renovations and Additions to the Jones Creek Regional Branch Library. Design included a complete interior renovation of this existing 35,200 sf library branch and a new 3,200 sf addition. The scope included the addition of a new HVAC system for the expansion, as this was more economical than expanding the existing system, new roofing, new storefronts and curtainwall, new finishes throughout, new lighting, upgraded HVAC system, fire alarm and sprinkler systems, new FF&E package, and site drainage modifications. Space planning and functional improvements included a new entry sequence for book return and check out, redesigned teen and children's areas, redesigned book stack layout, renovated restrooms and staff lounge, updated meeting rooms, increased study rooms and collaborative spaces, new conference room, new digital lab and quiet spaces for reading. As one of the most trafficked libraries in East Baton Rouge Parish, it was a requirement that the facility remain open for the duration of construction. Careful coordination between the Owner, Design Team, and Contractor insured that the building remained open, on schedule, and on budget to produce a successful result.</p> <p>Louisiana Wetlands Education Center, Town of Jean Lafitte, Louisiana – MCA is providing mechanical plumbing, electrical and fire protection engineering design services for this facility which will “promote preservation, conservation and adaptation related to wetland ecosystems, using its location in the Jean Lafitte area as an outdoor classroom.” The Louisiana Wetlands Education Center, including programming for all ages, will provide educational opportunities regarding the unique ecosystems of coastal Louisiana. The facility will be utilized for research and will provide a meeting location for interested parties/institutions.” MCA is responsible for HVAC, plumbing, lighting, electrical power distribution and fire protection system.</p> <p>Milton J. Womack Park BREC, Baton Rouge, LA Sr. Electrical Engineer - Marrero, Couvillon & Associates, with a civil subconsultant, provided civil, plumbing, and electrical engineering services for Womack Park. The project included grading 2 multi-purpose fields, installing irrigation and grass, and construction of a modular restroom building for the fields. The civil work included mill-ing and repairs to the existing asphalt parking areas, design of new handicapped parking spaces, new driveway entrance, new ADA compliant sidewalks, and new fencing. Plumbing work included new water and sewer for the modular restroom building, and water supply for the irrigation systems. Electrical design included modifications to the parking lot lighting, new power distribution to the modular restroom building, and an expansion to the existing access control system to connect 2 new vehicle gates. System included 2-way voice communication and remote control of gates. Work was completed in 2018.</p> <p>Lemann Playground Clubhouse City of New Orleans, LA Sr. Electrical Engineer - Marrero, Couvillon & Associates provided mechanical and electrical engineering services for improvements at the Lemann Playground for the New Orleans Recreation Department in the City of New Orleans. In addition to new site power distribution and ballfield lighting, the work included construction of a new ADA compliant clubhouse building housing concessions, toilet facilities, and storage areas for playground equipment. Electrical design also included telecommunications service entrance, video surveillance, and data cabling infrastructure.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Chad Blanchard, Mechanical Engineer
Project Assignment:
Mechanical Engineer
Name of Firm with which associated:
Marrero, Couvillon & Associates, LLC.
Years' experience with this Firm:
10
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2007 / Mechanical Engineering
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Blanchard received his Bachelor of Science Degree in Mechanical Engineering from Louisiana Tech University in 2007.. Mr. Blanchard is a member of the American Society of Mechanical Engineers and ASHRAE, and he is certified LEED AP. Mr. Blanchard has been responsible for various projects ranging from QA/QC of mechanical work and HVAC systems design, to performing studies of mechanical systems in various facilities. Mechanical projects Mr. Blanchard has been responsible for since he joined MCA include:</p> <p>Louisiana Wetlands Education Center, Town of Jean Lafitte, Louisiana – MCA is providing mechanical plumbing, electrical and fire protection engineering design services for this facility which will “promote preservation, conservation and adaptation related to wetland ecosystems, using its location in the Jean Lafitte area as an outdoor classroom.” The Louisiana Wetlands Education Center, including programming for all ages, will provide educational opportunities regarding the unique ecosystems of coastal Louisiana. The facility will be utilized for research and will provide a meeting location for interested parties/institutions.” MCA is responsible for HVAC, plumbing, lighting, electrical power distribution and fire protection systems.</p> <p>Howell Community Park BREC, Baton Rouge, LA Mechanical Engineer - MCA provided electrical engineering services for upgrades at Howell Park. These services included new utility service and area lighting for the north park entrance and parking area (approximately 43,500 sq. ft.); upgraded existing electrical service near the existing south parking lot to accommodate lighting for four new outdoor basketball courts; new area lighting utilizing existing electric service for the new south parking lot and roadway (approximately 32,800 sq. ft.); and 120/208V power connection to a modular restroom building near the new south parking area. Electrical provisions were made for a future picnic pavilion (service capacity and underground raceways). Sports lighting was designed for 2 of the four basketball courts, approximately 9,500 sq. ft. total. Work was completed in 2018. In a subsequent phase, MCA designed sports lighting for a multi-use field (football/soccer). The design consisted of (4) 60-foot segmented steel poles on concrete foundations, with LED sports lights, yielding a 30-footcandle average illuminance. The control systems consisted of local contactors with manual controls, plus remote control via wi-fi mesh network and option for cellular network access, with software loaded on employee's cellphones. Work was completed in 2018.</p> <p>Coquille Parks & Recreation Upgrades and Master Plan St. Tammany Parish, LA Mechanical Engineer - Master planning efforts started with a visioning process and the development of a mission statement, core values, and re-branding the district as Coquille Recreation. Plans for the main 100 acre park as well as linear park linkages and other potential recreational sites within the district were developed along with program, staffing and management recommendations. At the heart of the plan is the Great Park at Coquille, a multiuse recreational facility providing sports, passive recreation and entertainment venues for the public. MCA provided master planning for this effort for site electrical infrastructure, providing a detailed plan for segmental expansion and improvements to power distribution systems on the site. In addition, MCA provided mechanical and electrical engineering design services for several restroom facilities, a golf pro shop, a tennis court and outdoor athletic facility lighting.</p>

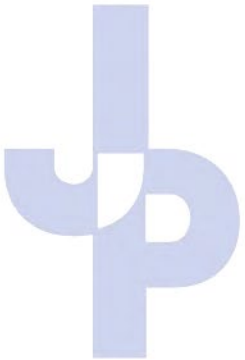

TEC Professional Services Questionnaire

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



PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Cuccia-Byrnes Playground New Orleans Recreation Department in the City of New Orleans.</p> <p>Holly Morales (RCL Architecture) 504-303-7551</p>	<p>Marrero, Couvillon & Associates provided mechanical and electrical engineering services for improvements to the Cuccia-Byrnes Playground for the New Orleans Recreation Department in the City of New Orleans. The work includes construction of a new ADA compliant building housing concessions and toilet facilities, as well ballfield lighting.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$1.4M	\$ 28,301

TEC Professional Services Questionnaire

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Coquille Parks & Recreation Upgrades & Master Plan St. Tammany Parish Rec District #14</p> <p>MCA was a subconsultant to Joey Furr (225) 383-0311</p>	<p>MCA is the mechanical, electrical, plumbing and structural subconsultant to Joseph Furr Design Studio. As part of the Coquille Park Master Plan, several new structures are to be constructed within the existing Tennis Complex. MCA is responsible for the Mechanical, Electrical, and Plumbing design for the new structures. Structural analysis will also be provided for one of the building's roof design. Structures include restrooms, storage and Tennis Pro Shop.</p>	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$157,000	\$30,000



TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Vista Park and Patricia Park Repairs & Upgrades St. Bernard Parish, LA Shread-Kuyrkendall Steve Breeding sbreeding@skaengr.com	MCA provided the MEP design to repair and upgrade 2 small neighborhood parks in St Bernard Parish. At Vista Park, the existing baseball field lighting consisting of metal halide fixtures on wood poles will be completely removed. Vista park shall be reconfigured to include a turf baseball field, grass multi-purpose field, children's playground, and a new concessions and restroom facilities. The field lighting shall consist of LED sports lighting fixtures, mounted 55 feet above grade on new wood poles. MCA developed a photometric analysis to achieve a 30 footcandle average on the football field, as recommended by IESNA for class 3 level of play. Lighting for the playground and new parking lot shall be 30-foot steel poles on concrete foundations. Each area of lighting shall be independently controlled using a relay-based lighting control system, providing manual and automatic operation, with the option in the future for remote control through an internet connection.	
		
	Estimated Cost:	
	Completion Date (Actual or estimated)	Entire Project:
2022	\$1,500,000	\$33,000

TEC Professional Services Questionnaire

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Central Lafourche and South Lafourche High schools Ball Field Repairs Lafourche Parish Schools N-Y Associates Michael G. Buisson, Jr 504-885-0500	MCA was part of the team tasked with producing bid documents to repair the baseball field, stadium bleachers, press box, restrooms and parking lot. Damage originally occurred during Hurricane Katrina, with additional damage from hurricanes Ida and Zeta. MCA provided all MEP design for the project, including new LED lighting installed on existing 100-foot steel poles, complete replacement of the power distribution system for the entire facility, a new press box, new scoreboard, new Public Address system, and re-furbished concessions restrooms, and maintenance office. In order to stay within the funding provided by FEMA, all underground utilities will be re-used (water/sewer/power/communications). The project is in the bid phase.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$2,400,000	\$50,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>NORD #2 - Lemann Park and Playground City of New Orleans</p> <p>Subconsultant to Concordia, LLC. Graham Hill 2016 Oretha Castle Harvey Blvd. New Orleans, LA 70113 504-569-1818 (phone) ghill@concordia.com</p>	<p>Marrero, Couvillon & Associates provided mechanical and electrical engineering services for improvements at the Lemann Playground for the New Orleans Recreation Department in the City of New Orleans. In addition to new site power distribution and ballfield lighting, the work included construction of a new ADA compliant clubhouse building housing concessions, toilet facilities, and storage areas for playground equipment.</p>	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$600,000	\$240,000

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. None		
2.		
3.		
4.		

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

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

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

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

Founded in Baton Rouge in 1968 by Hugo A. Marrero, Sr., P.E, MCA operates a second location in Metairie, La.

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

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

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

- Sewerage and Drainage
- Historical Renovations
- Parks and Recreation, including zoos
- Commercial facilities such as hotels and restaurants
- Government facilities
- Airports – terminals, hangars, airfield power/lighting
- Highways, Bridges and Tunnels
- Industry, including sugar processing facilities and petrochemical installations
- Universities and schools.

TEC Professional Services Questionnaire

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

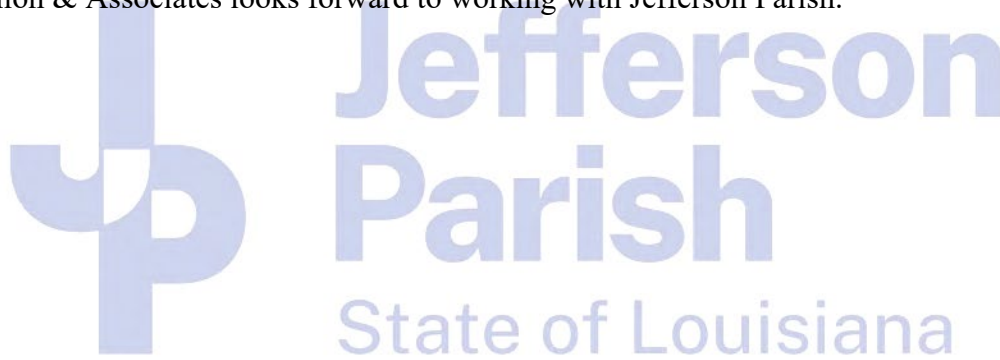
1. **Professional training and experience in relation to the type of work required for the routine engineering services.** The team of professionals at Marrero, Couvillon & Associates, LLC. has varied and extensive experience in providing electrical engineering services as prime consultant, or as subconsultants. Our engineering team has over 200 years of combined experience. As evident in our project experience in Section L, MCA has performed similar projects of all types and sizes.
2. **Size of firm.** Marrero, Couvillon & Associates has two complete departments for Mechanical Engineering and Electrical Engineering. Each department is run by a licensed Professional Engineer. Each department has designers and CAD technicians to proficiently handle the field visits, meetings, drawings and specifications meeting all code requirements to complete these projects safely, efficiently and to meet the needs of Jefferson Parish. Our staff of 35 professionals are prepared to serve.
3. **Workload.** Presently MCA is seeking to diversify and expand its present workload and would welcome the opportunity to serve Jefferson Parish. As depicted in the chart below many of our project are in CA services, or nearing completion. The staff of MCA recognizes the required activities for this project and concludes that MCA has the capacity to meet the requirements to develop all aspects of the work associated with this project. MCA staff assigned to this project will be scheduled with all of the time necessary to provide services required, at the time when they are needed.

Project Name and Location	Current Status
City Hall & Civil Courts MEP Upgrades	CA Services
US 11 Bridge Rehabilitation	CA Services
LA Tuna Federal Bureau of Prisons	Design
Fort Worth Bureau of Prisons Modernize Electrical System	Design
New Orleans Police Department Firing Ranges	CA Services
Galveston 14th Street Drainage Improvements	CA Services
DeQuincy Airport T Hangars	Design
Skelly Rupp Stadium	Design
Lafayette Terminal Construction Administration	CA Services
Union Station Passenger Terminal Chiller Central Plant	CA Services
Municipal Court Renovations	Design
Treme Community Center Elevator Accessibility	Bidding
Avenger Field Lighting	Bidding
Natchitoches Airport Runway 7025 Rehab	Design
NWWTP Effluent Pump Station	Design
Department of Environmental Services Building Renovation	Design
Bluebonnet Boulevard Lighting	Design
Terrace Avenue Lighting	Design
VA Hospital Building Renovations	CA Services
North Boulevard Corridor Enhancement	Design

TEC Professional Services Questionnaire

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

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



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

Signature:  Print Name: Kimball Schlafly, PE

Title: Sr. Electrical Engineer Date: March 25, 2025

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Landscape Architecture Services for the
Mike Miley Community Oasis Project
 Ecosystems and Coastal Management Department
 SOQ **25-009** | Resolution No. **145708**

B. Firm Name & Address:



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

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

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

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

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

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

7	Administrative		Estimators		Specification Writers
	Architects (Licensed)		Geologists		Structural Engineers
	Chemical Engineers	2	Geotechnical Engineers		Graduate Engineers
	Civil Engineers		Interior Designers	1	Project Managers
10	Construction Inspectors		Landscape Architects		Clerical (<i>see Administrative</i>)
	Ecologists		Land Surveyor (<i>Apprentice</i>)		Grant/Funding Specialist
	Electrical Engineers		Mechanical Engineers		Sanitary Engineers
	Engineer Intern		Environmental Engineers	1	CMT Supervisor
1	Professional Land Surveyors			1	Construction Svcs Manager
				4	Laboratory Personnel
				3	Soil Boring Personnel
				30	TOTAL

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

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

TEC Professional Services Questionnaire

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

1.
N/A

2.

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

YES _____ NO _____ N/A

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

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

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

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Chad M. Poché, P.E.

Executive Vice President / Registered Professional Geotechnical Engineer

Project Assignment:

Geotechnical Engineer / Principal In Charge

Name of Firm with which associated:



Years' experience with this Firm:

14 years (founded Gulf South in 2011);
32 years total (1993)

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

Education: Degree(s)/Year/Specialization:

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

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

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

TEC Professional Services Questionnaire

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

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

Geotechnical Investigation for the Kenner Amphitheater (Williams Blvd. at Lake Pontchartrain), City of Kenner, Jefferson Parish, LA. Geotechnical Investigation Report for the project which consists of a new amphitheater (consisting of a main stage and restrooms) along the lakefront near Williams Boulevard in Kenner, LA. The project site is reclaimed land that has been filled over the years with rip rap and rocks; field investigation is to include drilling 10 soil borings (each to a depth of 60 ft bgs) as possible through this material. Geotechnical laboratory testing on selected samples will include strength tests and classification tests; evaluations will include allowable soil bearing values, pile load capacities, retaining wall recommendations, slope stability analyses, earth pressures, pile driving recommendations, settlement estimates, paving design recommendations, and general construction procedures and recommendations. (\$62,000 (fee); 2025)


East Bank Mississippi River - Multi-Use Path, Garyville, Parish of St. John the Baptist, LA. Geotechnical investigation for proposed paved bike path (appx. 4,000 lft.) along MSR levee, protected side, in Garyville, LA. Scope includes drilling four soil borings each to a depth of 40 feet, laboratory testing, and geotechnical engineering analysis consisting of slope stability analysis, flexible pavement recommendations, and general recommendations. (\$9,000 (fee); 2015)

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

Geotechnical Exploration Proposal for the Lafreniere Park Healthtrack, Metairie, Jefferson Parish, LA. Gulf South was selected to provide a Geotechnical Exploration for the project site which consists of the reconstruction of the existing exercise walkway and the addition of approximately 1,000 feet of new walkway at Lafreniere Park in Metairie, LA. The existing walkway is approximately 2.5 miles long and will consist of the removal and reconstruction of the pavement and base using an asphalt paved section. The new section will consist of a concrete paved walkway. Gulf South's scope of work includes subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon outlined project requirements. (\$12,000 (fee); 2022)

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Bryson S. Beard, EIT, ACI Associate Geotechnical Engineer/Field Engineer	
Project Assignment:	
Associate Geotechnical Engineer/Field Engineer	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
3 years (joined Gulf South in 2022); 4 years total (2021)	<i>Gulf South Engineering and Testing, Inc. 2022 to present</i> <i>TetraTech, Inc. 2021 to 2022</i>
Education: Degree(s)/Year/Specialization:	
B.S., Geological Engineering (2021; University of Mississippi)	
Active Registration: Year first registered/discipline:	
Louisiana P.E. License Passed October 2023 Georgia, Engineering Intern (No. EIT029180, 2022)	
Other experience and qualifications relevant to the proposed Project:	
<p>Bryson S. Beard, EIT, is an Associate Geotechnical Engineer/Field Engineer who serves as a Project Manager. He has performed geotechnical engineering analyses consisting of shallow and deep foundations, slope stability, TRS and sheetpile wall design, settlement, pavement design, etc., and has prepared engineering reports. Mr. Beard's experience in the field includes surface and subsurface soil sampling, water sampling, and soil classification. His work experience further includes core logging and oversight of groundwater monitoring well installations, piezometers, and inclinometers. He has been responsible for the preparation of reports and Facility Response Plans. He is experienced with laboratory sample preparation and testing as well as air sampling and soil gas sampling. Mr. Bryson recently passed his Louisiana Professional Engineering test and will be a noted P.E. for the State of Louisiana once he fulfills the apprenticeship requirements set forth by LAPELS.</p> <p>Geotechnical Engineering Report for a Multi-Use Path/Pedestrian Bridge (Veterans Boulevard near Virginia Street), City of Kenner, LA. Gulf South prepared a Geotechnical Exploration Report for the construction of a pedestrian bridge for a new multi use path in Kenner, LA. The planned bridge crosses an existing drainage canal on the south side of Veterans Boulevard near Virginia Street. The study included drilling of a soil test boring and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Due to the soft subsurface soils encountered onsite, Gulf South recommended the bridge be supported on a deep foundation system consisting of treated, timber, piles, or square, pre-cast, concrete piles. (\$6,500 (fee); 2024)</p>	

TEC Professional Services Questionnaire

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

Bayou Country Sports Park (Valhi Connector Road), Houma, Terrebonne Parish, LA. Geotechnical engineering services for the construction of a paved roadway alignment off Valhi Road and connecting existing paved roadway within Bayou Country Sport Park facility in Houma, LA. Gulf South's scope includes drilling two undisturbed soil borings to depths of 10 feet below the ground surface, laboratory testing, engineering analyses (pavement design recommendations), and general construction procedures and recommendations. (\$4,000 (fee); 2019)

Geotechnical Exploration Proposal for the Lafreniere Park Healthtrack, Metairie, Jefferson Parish, LA. Gulf South was selected to provide a Geotechnical Exploration for the project site which consists of the reconstruction of the existing exercise walkway and the addition of approximately 1,000 feet of new walkway at Lafreniere Park in Metairie, LA. The existing walkway is approximately 2.5 miles long and will consist of the removal and reconstruction of the pavement and base using an asphalt paved section. The new section will consist of a concrete paved walkway. Gulf South's scope of work includes subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon outlined project requirements. (\$12,000 (fee); 2022)


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

Geotechnical Exploration Report for Fairview Riverside State Park, Boardwalk Replacement, Madisonville, St. Tammany Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project. New construction consists of the replacement of the boardwalk wooden structure (approximately 600 linear feet of boardwalk along the Tchefuncte River) and the addition or replacement of tie-backs for the existing sheet pile wall. Scope included drilling two undisturbed soil borings; lab tests performed on samples included weight, Atterberg limits, and unconfined strength testing. Final report included design and construction recommendations. Project was under strict deadline in order to keep State funds. Gulf South mobilized and provided recommendations in an expedited manner to ensure the deadline was met. (\$5,500 (fee); 2023)

Geotechnical Investigation for the Kenner Amphitheater (Williams Blvd. at Lake Pontchartrain), City of Kenner, Jefferson Parish, LA. Geotechnical Investigation Report for the project which consists of a new amphitheater (consisting of a main stage and restrooms) along the lakefront near Williams Boulevard in Kenner, LA. The project site is reclaimed land that has been filled over the years with rip rap and rocks; field investigation is to include drilling 10 soil borings (each to a depth of 60 ft bgs) as possible through this material. Geotechnical laboratory testing on selected samples will include strength tests and classification tests; evaluations will include allowable soil bearing values, pile load capacities, retaining wall recommendations, slope stability analyses, earth pressures, pile driving recommendations, settlement estimates, paving design recommendations, and general construction procedures and recommendations. (\$62,000 (fee); 2025)

Fisher Temporary Campus (FEMA Project), Lafitte, Jefferson Parish, LA. Geotechnical engineering for the installation of modular buildings at Fisher High School in Lafitte, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 20 feet below the ground surface, laboratory testing, engineering analyses, foundation recommendations (bearing values, settlement, etc.), and general construction procedures and recommendations. (\$4,500 (fee); 2022)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Joseph H. “Trey” Binder, III, ACI Laboratory Manager	
Project Assignment:	
Laboratory Manager; Laboratory Technician	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years’ experience with this Firm:	
14 years (joined Gulf South in 2011); 14 years total (2011)	<i>Gulf South Engineering and Testing, Inc. 2011 to present</i> <i>Ardaman and Associates, Inc. 2007 to 2011</i> <i>Soil Testing Engineers, Inc. 2006 to 2007</i>
Education: Degree(s)/Year/Specialization:	
A.D., General Studies (2006; Nunez Community College)	
Active Registration: Year first registered/discipline:	
<i>HAZMAT Awareness / HAZMAT Operations Training</i> <i>ACI Aggregate Base Testing Technician / ACI Concrete Strength Testing Technician</i>	
Other experience and qualifications relevant to the proposed Project:	
<p>Trey Binder has direct experience with field and laboratory testing services. Mr. Binder’s field work includes soil inspection and testing consisting of nuclear density testing and soil boring logging, vibration monitoring, pile inspection, concrete testing and inspection, asphalt testing and inspection, and pavement coring. In the laboratory, Mr. Binder has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, Atterberg limits, organic content tests, moisture and density tests, Proctor compaction tests, sieve analyses, and sample extrusion.</p> <p>Geotechnical Investigation for the Kenner Amphitheater (Williams Blvd. at Lake Pontchartrain), City of Kenner, Jefferson Parish, LA. Gulf South prepared a Geotechnical Investigation Report for the project which consists of a new amphitheater (consisting of a main stage and restrooms) along the lakefront near Williams Boulevard in Kenner, LA. The project site is reclaimed land that has been filled over the years with rip rap and rocks; field investigation is to include drilling 10 soil borings (each to a depth of 60 ft bgs) as possible through this material. Geotechnical laboratory testing on selected samples will include strength tests and classification tests; evaluations will include allowable soil bearing values, pile load capacities, retaining wall recommendations, slope stability analyses, earth pressures, pile driving recommendations, settlement estimates, paving design recommendations, and general construction procedures and recommendations. (\$62,000 (fee); 2025)</p>	

TEC Professional Services Questionnaire

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

Geotechnical Engineering Report for a Multi-Use Path/Pedestrian Bridge (Veterans Boulevard near Virginia Street), City of Kenner, LA. Gulf South prepared a Geotechnical Exploration Report for the construction of a pedestrian bridge for a new multi use path in Kenner, LA. The planned bridge crosses an existing drainage canal on the south side of Veterans Boulevard near Virginia Street. The study included drilling of a soil test boring and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Due to the soft subsurface soils encountered onsite, Gulf South recommended the bridge be supported on a deep foundation system consisting of treated, timber, piles, or square, pre-cast, concrete piles. (\$6,500 (fee); 2024)


Geotechnical Exploration Report for Fairview Riverside State Park, Boardwalk Replacement, Madisonville, St. Tammany Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project. New construction consists of the replacement of the boardwalk wooden structure (approximately 600 linear feet of boardwalk along the Tchefuncte River) and the addition or replacement of tie-backs for the existing sheet pile wall. Scope included drilling two undisturbed soil borings; lab tests performed on samples included weight, Atterberg limits, and unconfined strength testing. Final report included design and construction recommendations. Project was under strict deadline in order to keep State funds. Gulf South mobilized and provided recommendations in an expedited manner to ensure the deadline was met. (\$5,500 (fee); 2023)

Geotechnical Exploration Proposal for the Lafreniere Park Healthtrack, Metairie, Jefferson Parish, LA. Gulf South was selected to provide a Geotechnical Exploration for the project site which consists of the reconstruction of the existing exercise walkway and the addition of approximately 1,000 feet of new walkway at Lafreniere Park in Metairie, LA. The existing walkway is approximately 2.5 miles long and will consist of the removal and reconstruction of the pavement and base using an asphalt paved section. The new section will consist of a concrete paved walkway. Gulf South's scope of work includes subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon outlined project requirements. (\$12,000 (fee); 2022)

Cafeteria and In-Service Training Facility, Waddill Wildlife Management Area, Baton Rouge, East Baton Rouge Parish, LA. Geotechnical investigation for a new building (approx. 7500 sf) at the Waddill WMA facility at 4142 N. Flannery Road in Baton Rouge, LA. Gulf South's scope includes drilling two undisturbed soil borings each to a depth of 30 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable shaft load capacities (as appropriate), estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$4,000 (fee); 2018)

Parking Lot, Bayou Country Sports Park Girls Baseball, Houma, Terrebonne Parish, LA. Geotechnical investigation for a new "turf" reinforced sand or aggregate parking lot at Bayou Country Sports Park in Houma, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 10 feet, lab testing, and engineering analyses including evaluation of proposed "turf" sand pavement design, aggregate pavement design recommendations, and general construction procedures and recommendations. (\$1,700 (fee); 2018)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Eric A. Paille, C.E.T., ACI Construction Services Manager	
Project Assignment:	
Construction Services Manager	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
14 years (joined Gulf South in 2011); 37 years total (1988)	<i>Gulf South Engineering and Testing, Inc. 2011 to present</i> <i>Ardaman and Associates, Inc. 2007 to 2011</i> <i>Soil Testing Engineers, Inc. 1988 to 2007</i>
Education: Degree(s)/Year/Specialization:	
High School Diploma	
Active Registration: Year first registered/discipline:	
<i>ACI-I Field Technician (since 1991; No. 929012)</i> <i>Certified Engineering Technician (since 1992)</i> <i>Nuclear Gauge Safety Training (since 1994; No. 061321)</i> <i>Pile Driving Analyzer/CAPWAP, OSHA 40 HAZWOPER</i>	
Other experience and qualifications relevant to the proposed Project:	
<p>Eric A. Paille, C.E.T., ACI, serves as Gulf South's Construction Services Manager as well as the manager of Gulf South's Gonzales, LA office. He has experience as a technician, inspector, and testing manager, and is knowledgeable in all aspects of construction materials testing and construction inspection. Mr. Paille has performed all applicable field and soil tests over the past 30+ years. In addition, he is certified in the safe use and handling of the nuclear density gauge. He received PDA training in 2003 and has knowledge of PDA testing along with significant experience with pile driving analyzers. Mr. Paille is one of the most knowledgeable people in our industry.</p> <p>Geotechnical Exploration Proposal for the Lafreniere Park Healthtrack, Metairie, Jefferson Parish, LA. Gulf South was selected to provide a Geotechnical Exploration for the project site which consists of the reconstruction of the existing exercise walkway and the addition of approximately 1,000 feet of new walkway at Lafreniere Park in Metairie, LA. The existing walkway is approximately 2.5 miles long and will consist of the removal and reconstruction of the pavement and base using an asphalt paved section. The new section will consist of a concrete paved walkway. Gulf South's scope of work includes subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon outlined project requirements. (\$12,000 (fee); 2022)</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **Eric A. Paille, C.E.T., ACI (continued)**

LPSB Career Magnet Center, Lockport, Lafourche Parish, LA. Construction testing and inspection during construction of a new structure. Inspection and monitoring consisted of vibration monitoring and earthwork, construction and foundation. (\$40,870 (fee); 2014)

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

L9W Streetscape, Phase II, City of New Orleans, LA. Gulf South performed construction material testing and inspection during construction of the Streetscape, Phase II project in New Orleans. The scope of services provided by Gulf South included asphalt and/or concrete testing and inspection, field density tests, on-site inspection and documentation, and laboratory testing. (\$4,870 (fee); 2015)


Bayou Country Sports Park, Terrebonne Parish, LA. Geotechnical investigation for Bayou Country Sports Park (located on Highway 311) for Terrebonne Parish Recreation Districts 2 & 3 in Terrebonne Parish, LA. Investigation consisted of completing 7 soil borings to depths of 70 feet, laboratory testing, and geotechnical engineering analyses consisting of allowable pile or shaft load capacities, estimates of settlement, bedding and backfill recommendations, flexible pavement recommendations, and general construction recommendations. Project included vehicular and pedestrian bridges. (\$10,000 (fee); 2013)

Marsh Island Restoration Project, Lafreniere Park, Metairie, Jefferson Parish, LA. Geotechnical investigation for construction of a new bulkhead wall around Marsh Island within Lafreniere Park in Metairie, LA. Gulf South's scope includes drilling two soil borings each to a depth of 30 feet on the island, lab testing, and geotechnical engineering analyses including sheetpile and/or retaining wall design parameters, earth pressures, and general construction procedures and recommendations. (\$5,000 (fee); 2017)

Marsh Island Wildlife Refuge Levee/Bulkhead Repairs (Louisiana DNR), Vermillion Bay, New Iberia, Iberia Parish, LA. Geotechnical investigation for various repairs to a dam, levee, and bulkhead at Marsh Island Wildlife Refuge in Iberia Parish, LA. Gulf South's scope of work includes drilling five soil borings each to a depth of 60 feet using marsh drilling equipment, laboratory testing, and geotechnical engineering services consisting of providing allowable soil bearing values, allowable pile capacities, bulkhead design parameters, slope stability analyses, estimates of settlement, and general construction recommendations. (\$51,250 (fee); 2014)

New Charter School, Behrman Highway, Terrytown, Jefferson Parish, LA. Project consisted of the construction of a new school in Terrytown, LA. Gulf South provided field and laboratory inspection and testing of materials during construction (CMT). Our scope of services included performing: a pile load test, pile plant inspection, pile monitoring during installation, vibration monitoring, concrete testing and inspection, asphalt testing and inspection, earthwork testing and inspection including field density tests, welding inspection, and steel inspection. (\$50,000 (fee); 2018)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Brandon A. Paille, ACI Construction Materials Testing (CMT) Supervisor/Project Manager	
Project Assignment:	
Construction Materials Testing (CMT) Supervisor/Project Manager	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
13 years (joined Gulf South in 2012); 15 years total (2010)	<i>Gulf South Engineering and Testing, Inc. 2023 to present</i> <i>Ascension Parish Sheriff's Office 2016 to 2023</i> <i>Gulf South Engineering and Testing, Inc. 2012 to 2016</i> <i>Ardaman and Associates, Inc. 2010 to 2012</i>
Education: Degree(s)/Year/Specialization:	
High School Diploma	
Active Registration: Year first registered/discipline:	
APNGA Nuclear Gauge Safety ACI Field Technician Level 1 OSHA Safety Training – 8 hr.	
Other experience and qualifications relevant to the proposed Project:	
<p>Brandon A. Paille, ACI has performed soil laboratory testing consisting of unconfined compression strength tests, triaxial strength tests, hydrometers, Atterberg limits, organic contents, moisture contents, proctor compaction tests, sieve analyses, as well as extrusion of samples. Mr. Paille's field experience includes soil inspection and testing consisting of nuclear density testing, soil boring logging, concrete testing and inspections, timber and precast pile logging and vibration monitoring. In Mr. Paille's years in the construction materials testing industry, he has obtained a vast amount of knowledge and experience which makes him an integral part of our Gulf South Team.</p> <p>Geotechnical Investigation for the Kenner Amphitheater (Williams Blvd. at Lake Pontchartrain), City of Kenner, Jefferson Parish, LA. Gulf South prepared a Geotechnical Investigation Report for the project which consists of a new amphitheater (consisting of a main stage and restrooms) along the lakefront near Williams Boulevard in Kenner, LA. The project site is reclaimed land that has been filled over the years with rip rap and rocks; field investigation is to include drilling 10 soil borings (each to a depth of 60 ft bgs) as possible through this material. Geotechnical laboratory testing on selected samples will include strength tests and classification tests; evaluations will include allowable soil bearing values, pile load capacities, retaining wall recommendations, slope stability analyses, earth pressures, pile driving recommendations, settlement estimates, paving design recommendations, and general construction procedures and recommendations. (\$62,000 (fee); 2025)</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **Brandon A. Paille, ACI (continued)**

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

Geotechnical Investigation for the Kenner Amphitheater (Williams Blvd. at Lake Pontchartrain), City of Kenner, Jefferson Parish, LA. Gulf South prepared a Geotechnical Investigation Report for the project which consists of a new amphitheater (consisting of a main stage and restrooms) along the lakefront near Williams Boulevard in Kenner, LA. The project site is reclaimed land that has been filled over the years with rip rap and rocks; field investigation is to include drilling 10 soil borings (each to a depth of 60 ft bgs) as possible through this material. Geotechnical laboratory testing on selected samples will include strength tests and classification tests; evaluations will include allowable soil bearing values, pile load capacities, retaining wall recommendations, slope stability analyses, earth pressures, pile driving recommendations, settlement estimates, paving design recommendations, and general construction procedures and recommendations. (\$62,000 (fee); 2025)

St. Amant High School Softball Batting Cages, St. Amant, Ascension Parish, LA. Gulf South provided construction material testing and inspection (notably soil & concrete) during construction of the St. Amant High School softball batting cages. Services consisted of soil and concrete testing and inspection. (\$461 (fee); 2019)

New Complex (F. Edward Hebert Blvd.), Belle Chasse, Plaquemines Parish, LA. Geotechnical investigation for a new recreation complex for Plaquemines Parish in Belle Chasse, LA. The complex will consist of an approx. 200 ft. by 200 ft. open air pavilion, concession stands, and ball fields. Gulf South's scope of work included performing 2 soil borings to a depth of 60 feet, laboratory testing, and geotechnical engineering analyses consisting of allowable pile load capacities, estimates of settlement, and general construction recommendations. (\$5,200 (fee); 2013)

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

New Dormitory - Marine Fisheries Facility, LA Department of Wildlife and Fisheries, Grand Isle, Jefferson Parish, LA. Geotechnical investigation for new dormitory at the LA Dept. of Wildlife and Fisheries' facility in Grand Isle, LA. Scope of work included drilling 2 soil borings to 10 and 50 feet in depth, performing laboratory testing, and providing geotechnical engineering analyses consisting of allowable pile load capacities, estimates of settlement, and rigid and aggregate paving design recommendations. (\$3,500 (fee); 2013)

Ascension Parish - New Governmental Complex (East Worthy Street), Gonzales, Ascension Parish, LA. Geotechnical investigation for a new building (approx. 42,000 sf). Scope included drilling 4 soil borings to a depth of 50 ft near perimeter of the existing building. Provided geotechnical engineering analyses consisting of allowable soil bearing values, allowable pile/shaft load capacities, effects of fill, estimates of settlement, and general construction recommendations. (\$8,000 (fee); 2013)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Tyler W. Pregeant, ACI Graduate Geotechnical Engineer	
Project Assignment:	
Engineering Technician; CMT/Laboratory Technician	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
6 years (joined Gulf South in 2019); Gulf South Engineering and Testing, Inc. 2019 to present 8 years total (2017)	
Education: Degree(s)/Year/Specialization:	
High School Diploma Currently attending UNO in Civil Engineering Program	
Active Registration: Year first registered/discipline:	
ACI Concrete Field Testing Technician - Grade I (02206931)	
Other experience and qualifications relevant to the proposed Project:	
<p>Tyler Pregeant, ACI, serves as an engineering technician with the soil boring drill crew, within the soils' laboratory, and on construction projects as needed. His duties and responsibilities have included leading a drill crew, staking boring sites, supervising clearing contractors, data entry, testing soil for engineering properties of strength and classification, soil boring logging, vibration monitoring, and concrete testing and inspection. Laboratory tests performed include unconfined shear tests, moisture content tests, density tests, Atterberg limits tests, grain size sieve analyses, organic content tests and concrete strength breaks.</p> <p>Bucktown Birdsnest Learning Pavilion, Metairie, Jefferson Parish, LA. Gulf South provided construction materials testing and inspection during construction of the project. Gulf South's scope of work includes concrete testing, soil density tests, pile inspection and modeling, static pile load testing, and vibration monitoring. (\$2,000 (fee); 2024)</p> <p>Geotechnical Exploration Report for Fairview Riverside State Park, Boardwalk Replacement, Madisonville, St. Tammany Parish, LA. Gulf South prepared a Geotechnical Exploration Report; new construction consists of the replacement of the boardwalk wooden structure (approximately 600 lf of boardwalk along the Tchefuncte River) and the addition or replacement of tie-backs for the existing sheet pile wall. Scope included drilling two undisturbed soil borings; lab tests performed on samples included weight, Atterberg limits, and unconfined strength testing. Final report included design and construction recommendations. Project was under strict deadline in order to keep State funds. Gulf South mobilized and provided recommendations in an expedited manner to ensure the deadline was met. (\$5,500 (fee); 2023)</p>	

TEC Professional Services Questionnaire

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

Geotechnical Engineering Report for a Multi-Use Path/Pedestrian Bridge (Veterans Boulevard near Virginia Street), City of Kenner, LA. Gulf South prepared a Geotechnical Exploration Report for the construction of a pedestrian bridge for a new multi use path in Kenner, LA. The planned bridge crosses an existing drainage canal on the south side of Veterans Boulevard near Virginia Street. The study included drilling of a soil test boring and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Due to the soft subsurface soils encountered onsite, Gulf South recommended the bridge be supported on a deep foundation system consisting of treated, timber, piles, or square, pre-cast, concrete piles. (\$6,500 (fee); 2024)


Destrehan Avenue Bike Path (Leo Kerner to Keithway) with Pipeline Canal Bridge, Harvey, Jefferson Parish, LA. Gulf South executed services to prepare a Geotechnical Engineering Report for the construction of a new bike path (approximately 9,900 ft) along Destrehan Avenue (Leo Kerner to Keithway in Harvey) with a new bridge constructed over Pipeline Canal. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made based on the field and laboratory test data. Engineering recommendations noted deep foundations, consisting of driven, treated, timber piling be used to support the bridge with the bike path supported at grade. (\$17,700 (fee); 2023)

Geotechnical Exploration Report for the 4th Street Bike Path (Barataria to Destrehan), Harvey, Jefferson Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project. The study included drilling soil borings and lab testing to determine subsoil conditions and groundwater/moisture content. Below grade foundation recommendations included net allowable soil bearing capacities, settlement estimates, bedding, uplift pressures, fill placement and compaction, inspection and protection of the bearing surface, and vibration monitoring recommendations. Flexible pavement and pavement materials & construction recommendations were also included as part of the report. (\$9,500 (fee); 2023)

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

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
John Duncan Field Engineer	
Project Assignment:	
Field Engineer	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
1 years (joined Gulf South in 2025); 2 years total (2023)	<i>Gulf South Engineering and Testing Inc. 2025 to present</i> <i>PSI Intertek (Metairie LA Office) 2023 to 2024</i> <i>Jefferson Parish Drainage Dept. Summer 2023</i> <i>Jefferson Parish Drainage Dept. Summer 2022</i> <i>U. of MS (Student Worker) Summers 2021 to 2023</i>
Education: Degree(s)/Year/Specialization:	
Diploma, 2020, High School, Jesuit HA of New Orleans B.S., 2024, Civil Engineering, University of Mississippi (Old Miss)	
Active Registration: Year first registered/discipline:	
<i>Entergy PowerSafe Training</i>	
Other experience and qualifications relevant to the proposed Project:	
<p>John Duncan is an Ole Miss Civil Engineering graduate and has amassed considerable experience with field and office engineering including soil mechanics & geotechnical engineering, foundations, geosynthetics, and marine transportation. He has prior experience as a Geotechnical Lab Technician and has experience with a wide variety of soil testing types (including UU/UC triaxial testing and Atterberg Limit testing) and assisting with Hydrometer testing and standard/modified proctor testing. Since joining Gulf South, Mr. Duncan assists the engineering staff with various tasks and analyses, as well as with the soil boring drill crew. He further works as needed in the soils laboratory, and visits and observes on construction projects. His duties and responsibilities have included leading a drill crew, staking boring sites, supervising clearing contractors, data entry, testing soil for engineering properties of strength and classification, soil boring logging, vibration monitoring, and concrete testing and inspection.</p> <p>Geotechnical Investigation for the Kenner Amphitheater (Williams Blvd. at Lake Pontchartrain), City of Kenner, Jefferson Parish, LA. Gulf South prepared a Geotechnical Investigation Report for the project which consists of a new amphitheater (consisting of a main stage and restrooms) along the lakefront near Williams Boulevard in Kenner, LA. The project site is reclaimed land that has been filled over the years with rip rap and rocks; field investigation is to include drilling 10 soil borings (each to a depth of 60 ft bgs) as possible through this material. Geotechnical laboratory</p>	

TEC Professional Services Questionnaire

Other experience and qualifications: **John Duncan (continued)**

testing on selected samples will include strength tests and classification tests; evaluations will include allowable soil bearing values, pile load capacities, retaining wall recommendations, slope stability analyses, earth pressures, pile driving recommendations, settlement estimates, paving design recommendations, and general construction procedures and recommendations. (\$62,000 (fee); 2025)

Bunge Corp New Warehouse Building, Avondale, Jefferson Parish, LA. Gulf South executed geotechnical engineering services regarding the project which consists of the construction of a warehouse/office structure (approx. 130 ft by 120 ft.) in Avondale, LA. The field exploration phase included drilling a single undisturbed soil boring (depth of 110 ft); geotechnical laboratory testing was performed on selected samples. Testing included strength test and classification tests, all to ASTM standards. Geotechnical evaluations included allowable pile load capacities (timber composite piles) and general construction procedures and recommendations. (\$10,500 (fee); ongoing)


Geotechnical Exploration Proposal for Suave Bridge at Soniat Canal, River Ridge, Jefferson Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project which consisted of the removal and replacement of a bridge along Suave Avenue at the Soniat Canal in River Ridge, LA. The investigation evaluated the effects of the 50 ton crane lift (used to remove the bridge) on the canal slopes and walls. Field exploration included drilling a single soil boring (depth of 60 ft bgs) with geotechnical lab testing involving strength and classification tests. Geotechnical evaluations and analyses included allowable soil bearing values, slope stability analyses, recommendations for remedying potential issues, and general construction procedures and recommendations. (\$7,500 (fee); ongoing)

Bourg Dry Dock and Building, Bourg, Terrebonne Parish, LA. Gulf South prepared a Geotechnical Engineering Report for the project located in Bourg, LA. (\$44,500 (fee); 2025)

Geotechnical Exploration Proposal - Lower Bayou Conway Drainage Improvements, Ascension Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project which consists of constructing a new pump station and pond and upgrading existing drainage culverts. Field exploration included drilling a total of 8 undisturbed soil borings (bgs of 20 ft to 60 ft). Laboratory testing included ASTM standard testing. Results were reviewed to develop engineering recommendations and analyses, including soil bearing values, bedding and backfill recommendations, pile load capacities, (material properties from pond area for use as structural fill), slope stability analyses, estimates of settlement, and general construction procedures and recommendations. (\$34,145 (fee); ongoing)

Geotechnical Exploration Proposal, Canal No. 17 Slope Options, Kenner, Jefferson Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project which included the possible excavation of a new canal (1,300 lf) on the north side of Vintage Avenue at Canal No. 17 in Kenner, LA. The primary purpose of the investigation was to determine various options for canal slopes and design configurations of the existing Canal 17 at this location as well as the proposed new canal. Field exploration including drill 3 soil borings to 60 ft bgs. Lab testing included strength tests and classification tests, all to appropriate ASTM standards; evaluations were made as to subsoil conditions, slope stability, sheetpile design, analysis of various canal configurations and shapes, and general construction procedures and recommendations. (\$15,000 (fee); 2025)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
Ian Kerner Poché, ACI Assistant Laboratory Supervisor	
Project Assignment:	
Assistant Laboratory Supervisor	
Name of Firm with which associated:	
<div style="display: flex; align-items: center;">  <div> ENGINEERING AND TESTING, INC. Geotechnical & Materials Consultants </div> </div>	
Years' experience with this Firm:	
8 years (joined Gulf South in 2017); Gulf South Engineering and Testing, Inc. 2017 to present 8 years total (2017)	
Education: Degree(s)/Year/Specialization:	
High School Diploma	
Active Registration: Year first registered/discipline:	
ACI Concrete Field Testing Technician - Grade 1 (exp 2028 03) ACI Aggregate Testing Technician - Level 1 (exp 2029 02 27)	
Other experience and qualifications relevant to the proposed Project:	
<p>Ian Poché has worked in Gulf South's laboratory for several years and has experience with virtually every type of soil test. He has also helped when needed in the CMT department and has concrete testing experience, and is an ACI-certified Concrete Field Testing Technician.</p> <p>Geotechnical Exploration Proposal for the Lafreniere Park Healthtrack, Metairie, Jefferson Parish, LA. Gulf South was selected to provide a Geotechnical Exploration for the project site which consists of the reconstruction of the existing exercise walkway and the addition of approximately 1,000 feet of new walkway at Lafreniere Park in Metairie, LA. The existing walkway is approximately 2.5 miles long and will consist of the removal and reconstruction of the pavement and base using an asphalt paved section. The new section will consist of a concrete paved walkway. Gulf South's scope of work includes subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon outlined project requirements. (\$12,000 (fee); 2022)</p> <p>Baseball & Softball Turf Fields at Destrehan and Hahnville High Schools, Luling, St. Charles Parish, LA. Gulf South prepared a Geotechnical Exploration Proposal for the project sites located at Destrehan and Hahnville High Schools. The scope of services included drilling at total of eight soil borings (two each at each field; depth of 4 ft. below ground surface). Geotechnical laboratory testing included strength tests, classification test, and other tests as appropriate. A geotechnical engineering report was prepared abased on field and laboratory data noting soil determination and general construction procedures & recommendations. (\$3,900 (fee); 2023)</p>	

TEC Professional Services Questionnaire

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

Turf Fields & Lighting at East Bank Bridge Park, Destrehan, St. Charles Parish, LA. Gulf South provided geotechnical engineering services for the project which involved two fields at the East Bank Bridge Park in Destrehan, LA. The scope of services included field investigation, laboratory testing, and geotechnical engineering services. For the field investigation, Gulf South drilled two soil borings (depth of 4 ft below the ground surface) for each field and two soil borings (for lighting; 70 ft. tall) (depth of 60 ft. b.g.s.). Laboratory testing included strength tests, classification tests, and others as appropriate. A geotechnical engineering report was prepared abased on field and laboratory data noting soil determination and general construction procedures & recommendations. (\$7,500 (fee); 2023)

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

Geotechnical Exploration Report for Fairview Riverside State Park, Boardwalk Replacement, Madisonville, St. Tammany Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project. New construction consists of the replacement of the boardwalk wooden structure (approximately 600 linear feet of boardwalk along the Tchefuncte River) and the addition or replacement of tie-backs for the existing sheet pile wall. Scope included drilling two undisturbed soil borings; lab tests performed on samples included weight, Atterberg limits, and unconfined strength testing. Final report included design and construction recommendations. Project was under strict deadline in order to keep State funds. Gulf South mobilized and provided recommendations in an expedited manner to ensure the deadline was met. (\$5,500 (fee); 2023)

Destrehan Avenue Bike Path (Leo Kerner to Keithway) with Pipeline Canal Bridge, Harvey, Jefferson Parish, LA. Gulf South executed services to prepare a Geotechnical Engineering Report for the construction of a new bike path (approximately 9,900 ft) along Destrehan Avenue (Leo Kerner to Keithway in Harvey) with a new bridge constructed over Pipeline Canal. The study included drilling soil test borings and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made based on the field and laboratory test data. Engineering recommendations noted deep foundations, consisting of driven, treated, timber piling be used to support the bridge with the bike path supported at grade. (\$17,700 (fee); 2023)

Geotechnical Exploration Report for the 4th Street Bike Path (Barataria to Destrehan), Harvey, Jefferson Parish, LA. Gulf South prepared a Geotechnical Exploration Report for the project. The study included drilling soil borings and lab testing to determine subsoil conditions and groundwater/moisture content. Below grade foundation recommendations included net allowable soil bearing capacities, settlement estimates, bedding, uplift pressures, fill placement and compaction, inspection and protection of the bearing surface, and vibration monitoring recommendations. Flexible pavement and pavement materials & construction recommendations were also included as part of the report. (\$9,500 (fee); 2023)

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this project. Please include and all work performed for Jefferson Parish. Please attach additional pages if necessary.		
PROJECT NO. 1		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Geotechnical Investigation for the Kenner Amphitheater (Williams Blvd. at Lake Pontchartrain), City of Kenner, Jefferson Parish, Louisiana</p> <p>Jefferson Parish Ecosystem & Coastal Management 1221 Elmwood Park Blvd Ste 310 Jefferson LA 70123</p> <p>Michelle Gonzales, 504-736-6719 mgonzales@jeffparish.net</p>	<p>Gulf South prepared a Geotechnical Investigation Report for the project which consists of a new amphitheater (consisting of a main stage and restrooms) along the lakefront near Williams Boulevard in Kenner, LA. The project site is reclaimed land that has been filled over the years with rip rap and rocks; field investigation is to include drilling 10 soil borings (each to a depth of 60 ft bgs) as possible through this material. Geotechnical laboratory testing on selected samples will include strength tests and classification tests; evaluations will include allowable soil bearing values, pile load capacities, retaining wall recommendations, slope stability analyses, earth pressures, pile driving recommendations, settlement estimates, paving design recommendations, and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
2025	Entire Project:	Work for which Firm was Responsible:
2025	N/A	\$62,000 (fee)
PROJECT NO. 2		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Edward A. Dufresne Community Center - New Walkway & Light Poles, Luling, St. Charles Parish, Louisiana</p> <p>St. Charles Parish Government 15045 River Road Hahnville LA 70057</p> <p>Darrin Duhe, COO, 985-783-5000 dduhe@stcharlesgov.net</p>	<p>Geotechnical engineering services for the construction of a new walkway and light poles at 274 Judge Edward Dufresne Parkway in Luling, LA. Gulf South's scope includes drilling two undisturbed soil borings each to a depth of 60 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
2021	Entire Project:	Work for which Firm was Responsible:
2021	N/A	\$7,800 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Parking Lot, Bayou Country Sports Park Boys & Girls Baseball , Houma, Terrebonne Parish, Louisiana All South Consulting Engineers LLC 302 School Street Houma LA 70360 Walt Medley , 985-537-8893 wmedley@ascelc.com	Geotechnical investigation for a new turf reinforced sand or aggregate parking lot at Bayou Country Sports Park in Houma, LA. Gulf South's scope includes drilling undisturbed soil borings to a depth of 10 feet, lab testing, and engineering analyses including evaluation of proposed turf sand pavement design, aggregate pavement design recommendations, and general construction procedures and recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	N/A	\$3,400 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Geotechnical Engineering Report for a Multi-Use Path/Pedestrian Bridge (Veterans Boulevard near Virginia Street) , City of Kenner, Louisiana Meyer Engineer, Ltd. 4937 Hearst Street, Suite 1B Metairie LA 70001 David Dupre, P.E. , 504-885-9892 ddupre@meyer-e-l.com	Gulf South prepared a Geotechnical Exploration Report for the construction of a pedestrian bridge for a new multi use path in Kenner, LA. The planned bridge crosses an existing drainage canal on the south side of Veterans Boulevard near Virginia Street. The study included drilling of a soil test boring and the performance of soil mechanics laboratory tests to evaluate the soil's physical characteristics. Engineering analyses were made and based on the field and laboratory test data to develop recommendations for the project. Due to the soft subsurface soils encountered onsite, Gulf South recommended the bridge be supported on a deep foundation system consisting of treated, timber, piles, or square, pre-cast, concrete piles.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024	N/A	\$6,500 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Geotechnical Exploration Proposal for the Lafreniere Park Healthtrack, Metairie, Jefferson Parish, Louisiana T. Baker Smith 740 Phosphor Ave Ste B Metairie LA 70005 Brian Moldaner, P.E., 504-323-3460 brian.moldaner@tbsmith.com Clark Capone, P.E., 504-323-3460 clark.capone@tbsmith.com	Gulf South was selected to provide a Geotechnical Exploration for the project site which consists of the reconstruction of the existing exercise walkway and the addition of approximately 1,000 feet of new walkway at Lafreniere Park in Metairie, LA. The existing walkway is approximately 2.5 miles long and will consist of the removal and reconstruction of the pavement and base using an asphalt paved section. The new section will consist of a concrete paved walkway. Gulf South's scope of work includes subsurface exploration, associated geotechnical laboratory testing, and engineering services based upon outlined project requirements.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2022	N/A	\$12,000 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Kerry Curley Playground (Knight Drive), New Orleans, Louisiana Cuzan Services, LLC Post Office Box 481 Belle Chasse LA 70037 504-723-9791 cuzanservices@gmail.com	Gulf South performed field and laboratory testing during construction of renovations at the Kerry Curley Playground. Testing consisted of field density tests and concrete inspection. (AE Project No. 20-1705)	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	N/A	\$5,000 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Coquille Park and Recreations (CPR) Future Paved Roadways and Buildings , Covington, St. Tammany Parish, Louisiana Joseph Furr Design Studio 635 Main Street, Studio Four Baton Rouge LA 70801 Joseph Furr, ASLA , 225-383-0311 furrj@jfds.com	Geotechnical engineering services for construction of a new paved roadways and two buildings at the Coquille Park and Recreational facility at 13505 LA Highway 1085 in Covington, LA. Gulf South's scope includes drilling 10 auger borings (8 borings at 6 ft.; two borings at 20 ft.) below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	N/A	\$5,000 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Drainage Upgrades and Green Infrastructure Improvements, Hagan Avenue & Lafitte Avenue , City of New Orleans, Louisiana City of New Orleans Department of Public Works 1300 Perdido Street, Suite 6W02 New Orleans LA 70112 Jennifer Larmeu, P.E. , 504-658-8000 jllarmeu@nola.gov	Geotechnical investigation for new drainage upgrades and green infrastructure improvements between Hagan & Lafitte Avenues (to Orleans Avenue and Broad Street) in New Orleans, LA. Gulf South's scope includes drilling 13 soil borings with five borings to a depth of 30 feet and eight to a depth of 20 feet below existing paved/ground surface, laboratory testing, and engineering analyses for net allowable soil bearing values, estimates of settlement, bedding and backfill recommendations, lateral earth pressures, rigid and/or flexible pavement design recommendations, infiltration/permeability rates of near-surface soils, and general construction procedures and recommendations. Phase 2 includes piezometer well installations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016	N/A	\$21,799 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Proposed Natatorium, Waddill Wildlife Refuge , East Baton Rouge Parish, Louisiana Mougeot Architecture 10343 Siegen Lane Bldg 7 Ste A Baton Rouge LA 70810 David Mougeot, AIA, 225-727-1717 dmougeot@mougeotarchitecture.com	Geotechnical investigation for a proposed natatorium facility over an existing swimming pool at Waddill Wildlife Refuge located at 4142 North Flannery Road in Baton Rouge, LA. Gulf South's scope includes drilling one undisturbed soil boring to a depth of 30 feet below ground surface, laboratory testing, and engineering analyses including allowable soil bearing values, allowable shaft/pile capacities, estimates of settlement, rigid and/or flexible pavement recommendations, seismic site class, and general construction recommendations. The project had a 5-week total turnaround schedule.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	N/A	\$4,500 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Bayou Country Sports Park (Phase II), LA Highway 311 (Little Bayou Black Drive), Terrebonne Parish Recreation District 2 & 3 , Houma, Louisiana All South Consulting Engineers, LLC 652 Papworth Avenue Metairie LA 70005 Ben Elliot, P.E., 504-322-2783 belliot@ascellc.com	Geotechnical investigation for Bayou Country Sports Park for Terrebonne Parish Recreation Districts 2 & 3 in Houma, LA. The investigation consists of drilling ten soil borings (two 6' borings in roadway, four 10' borings in fields/borrow/pond areas and four 50' borings for structure and bridges), laboratory testing, and geotechnical engineering analyses consisting of allowable pile load capacities, estimates of settlement, aggregate paving design, and general construction recommendations.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014	N/A	\$12,000 (fee)

TEC Professional Services Questionnaire

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

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

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



CRITERIA 1 | PROFESSIONAL TRAINING AND EXPERIENCE

Gulf South Engineering and Testing, Inc. (Gulf South) is a geotechnical engineering and construction materials testing and inspection company which began operations in 2011. Since that time, we have grown to two offices and 30 employees. Gulf South provides a broad range of geotechnical related services, completing more than 100 geotechnical engineering projects and 300 construction materials testing and inspection projects each year. These projects typically include soil borings (shallow and deep borings), laboratory testing (AASHTO, ASTM methods, etc.), soil classification (USCS), geotechnical engineering, and construction material testing and field inspection.

Gulf South is a woman-owned, Hudson Initiative-certified small entrepreneurship in Louisiana. Our laboratory is AASHTO and CCRL accredited and USACE validated.

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

TEC Professional Services Questionnaire

N. continued.

Geotechnical Engineering Services

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

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

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

Laboratory Testing Services

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

Field Investigation Services

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

TEC Professional Services Questionnaire

N. continued.

Construction Materials Testing & Inspection

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

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

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

CRITERIA 2 | SIZE OF FIRM

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

CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION

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

Activity is dependent on the scope of work as well as site access and conditions, however; typically soil borings can be started within one week of receiving notice to proceed with a final product delivered within 3 to 4 weeks of completing the borings. Gulf South's workload & scheduling,

TEC Professional Services Questionnaire

N. continued.

coupled with our headquarters being nearby, will allow for assignment of key personnel shortly after any project is assigned.

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

CRITERIA 4 | PAST PERFORMANCE ON CDBG PROJECTS

Gulf South completes hundreds of geotechnical and construction materials testing projects throughout the year. As a subconsultant, our clients do not divulge funding sources at the time of contract & services and, as such, we do not track this information. A majority of our projects are through the design-bid-build process. We have participated in CMAR and design—build projects but at a much less frequent rate than traditional design-bid-build.

CRITERIA 5 | LOCATION OF THE PRINCIPAL OFFICE

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

CRITERIA 6 | LEGAL STATEMENT

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

CRITERIA 7 | PRIOR SUCCESSFUL COMPLETION OF PROJECTS

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

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

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

TEC Professional Services Questionnaire

N. continued.

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

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

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

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

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

Daniel P. Hill, P.E., Director, St. Tammany Parish Department of Engineering
(985-898-2552 | engineering@stpgov.org)

Eric Poché, Director, Ascension Parish Planning and Zoning Department
(225-450-1366 | eric.poché@apgov.us)

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

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

Khalid L. Saleh, PhD, Capital Program Administrator, Public Works Dept., City of New Orleans
(504-658-8000 | khsaleh@nola.gov)

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

Signature: _____

Print Name: Chad M. Poché, P.E.

Title: Executive Vice President

Date: March 21, 2025

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Landscape Architecture Services for the
Mike Miley Community Oasis Project
Ecosystems and Coastal Management Department
SOQ **25-009** | Resolution No. **145708**

B. Firm Name & Address:



BFM Corporation, LLC

15 Veterans Memorial Boulevard | Kenner LA 70062

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

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

504-468-8800 | 504-460-5239 cell | cpoche@bfmcorporation.com

Registered Professional Civil Engineer (**Louisiana No. 27667; since 1998**)

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

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

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

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

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

<u>4</u>	Administrative	<u> </u>	Estimators	<u> </u>	Specification Writers
<u> </u>	Architects (Licensed)	<u> </u>	Geologists	<u> </u>	Structural Engineers
<u> </u>	Chemical Engineers	<u>1</u>	Geotechnical Engineers	<u> </u>	Graduate Engineers
<u> </u>	Civil Engineers	<u> </u>	Interior Designers	<u>2</u>	Project Managers
<u> </u>	Construction Inspectors	<u> </u>	Landscape Architects	<u> </u>	Clerical (<i>see Administrative</i>)
<u> </u>	Ecologists	<u>1</u>	Land Surveyor (<i>Apprentice</i>)	<u> </u>	Grant/Funding Specialist
<u> </u>	Electrical Engineers	<u> </u>	Mechanical Engineers	<u> </u>	Sanitary Engineers
<u> </u>	Engineer Intern	<u> </u>	Environmental Engineers	<u>1</u>	<i>Researcher/Archivist</i>
<u>2</u>	Professional Land Surveyors	<u> </u>		<u>2</u>	<i>CADD Technicians</i>
				<u>5</u>	<i>Survey Crew Chief</i>
				<u>4</u>	<i>Survey Crew Instrumentman</i>
				<u>22</u>	TOTAL

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

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

TEC Professional Services Questionnaire

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

1.
N/A

2.

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

YES_____ NO_____ N/A

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

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

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

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Ralph P. Fontcuberta, Jr., PLS

Executive Vice President / Registered Professional Land Surveyor

Project Assignment:

Registered Professional Land Surveyor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

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

Education: Degree(s)/Year/Specialization:

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

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

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

TEC Professional Services Questionnaire

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

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

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

- EAT Fat City Center and Transportation Hub Project (Resubdivision), Metairie, Jefferson Parish, LA
- Lafreniere Park Healthtrak Project, Metairie, Jefferson Parish, LA
- Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, LA
- Construction Surveying Services at Parc Des Families, Jefferson Parish, LA
- Lamar-Dixon Gym Expansion, Gonzales, Ascension Parish, LA
- Little Farms Playground Parking Lot, River Ridge, Jefferson Parish, LA
- Proposed Lafreniere Park Food Pavilion, Metairie, Jefferson Parish, LA
- St. Tammany Parish Public Schools Playground Equipment Survey Project, St. Tammany Parish, LA
- Williams Boulevard Pedestrian Improvements, Phase III, City of Kenner, LA
- Hagan-Lafitte Drainage and Green Infrastructure Improvements, City of New Orleans, LA
- Bonnabel High School Baseball Field Survey, Kenner, Jefferson Parish, LA
- Lafreniere Park Soccer Field Upgrades, Jefferson Parish, LA
- Bonnabel Boulevard Bike Path, Metairie, Jefferson Parish, LA
- Riverside Academy Baseball Field, Reserve, St. John the Baptist Parish, LA
- Splash Park Area Drainage Servitude Creation, Sewerage & Water Board, City of New Orleans, LA
- Tee Joe Gonzales Park (Baseball Fields 3 & 4) Topographic Survey, Gonzales, Ascension Parish, LA
- Baseball Quad Certificate Surveys, Plaquemines Parish, LA
- Proposed Parking Lots at Lafreniere Park, Jefferson Parish, LA
- River to Lake Bike Path, Monticello Canal & Dankin Street, Jefferson and Orleans Parish Line, LA
- Destrehan Avenue Bike Path (Patriot Street to Chadwood Drive), Harvey, Jefferson Parish, LA
- Fish Bayou Site (Servitude Survey, Sect 28, T8S, R2E), Ascension Parish, LA
- LaSalle Park Baseball Field Survey Update (Western & Eastern Fields), Jefferson Parish, LA
- Leo Kerner Parkway Bike Path & Pedestrian Crossing, Estelle, Jefferson Parish, LA
- Foundation Building Parking Lot, Lafreniere Park, Metairie, Jefferson Parish, LA
- Buras Consolidated Community Center, Plaquemines Parish, LA
- Edward Stewart Community Center, Marrero, Jefferson Parish, LA
- Woodmere Community Center (Woodmere Subdivision), Jefferson Parish, LA

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Chad M. Poché, P.E.

Executive Vice President / Registered Professional Geotechnical Engineer

Project Assignment:

Engineering Liaison

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

8 years (became partial owner of BFM in 2017);
32 years total (1993)

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

Education: Degree(s)/Year/Specialization:

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

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

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

TEC Professional Services Questionnaire

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

Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, LA. BFM Corporation provided Route Topographic Surveying services for the project. Scope included establishing a baseline, surveying cross sections, establishing TBMs, location of existing improvements and utilities (above & below ground), pipes & utility piping, and specimen trees. Damaged track/sidewalk sections (major cracking, missing chunks) were also located. Deliverables included indelible prints, three-point tie worksheets, and AutoCAD DWG files. (\$73,615 (fee); 2018)

Foundation Building Parking Lot, Lafreniere Park, Metairie, Jefferson Parish, LA. BFM provided topographic surveying services for the Foundation Building parking lot, located at 3000 Downs Boulevard in Metairie. (\$17,710 (fee); 2018)

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

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

Lafreniere Park Healthtrak Project, Metairie, Jefferson Parish, LA. BFM Corporation provided topographic surveying for the Healthtrak project located at Lafreniere Park in Jefferson Parish, Louisiana. BFM has worked on multiple projects throughout Lafreniere Park; the data gathered on this project was incorporated into BFM No. 9856, a Route Topographic Survey for the Lafreniere Park ADA Repairs project. The continuation located improvements and utilities & piping; boundary for the project was surveyed and determined. (\$14,660 (fee); 2022)

Little Farms Playground Parking Lot, River Ridge, Jefferson Parish, LA. BFM's surveying scope included boundary and topographic surveying services for the project site, which consisted of a concrete parking lot in a lot approx. 50 x150 on the corner of South Park Street and Stewart Avenue. (\$10,075 (fee); 2019)

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Gary J. Lambert, Jr., PLS

Vice President / Registered Professional Land Surveyor

Project Assignment:

Project Manager/Drafting Supervisor

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

7 years (joined BFM in 2018);
14 years total (2011)

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

Education: Degree(s)/Year/Specialization:

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

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

Active Registration: Year first registered/discipline:

2021, Professional Land Surveyor (Louisiana No. 5929)

Other experience and qualifications relevant to the proposed Project:

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

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

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

TEC Professional Services Questionnaire

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

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

Bonnabel Boulevard Bike Path, Metairie, Jefferson Parish, LA. BFM provided surveying services for this bicycle path along Bonnabel Boulevard, extending from Veterans Memorial Boulevard to Lake Pontchartrain, in Metairie, LA. The scope included a Route Topographic Survey (plan only). (\$37,590 (fee); 2020)

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

Lafreniere Park Healthtrak Project, Metairie, Jefferson Parish, LA. BFM Corporation provided topographic surveying for the Healthtrak project located at Lafreniere Park in Jefferson Parish, Louisiana. BFM has worked on multiple projects throughout Lafreniere Park; the data gathered on this project was incorporated into BFM No. 9856, a Route Topographic Survey for the Lafreniere Park ADA Repairs project. The continuation located improvements and utilities & piping; boundary for the project was surveyed and determined. (\$14,660 (fee); 2022)

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

Construction Surveying Services at Parc Des Families, Jefferson Parish, LA. BFM Corporation provided Construction Surveying Services for the project in Jefferson Parish, LA. BFM's scope included staking the project area per plan sets provided by the client. Upon completion of the grading, BFM provided layout points for all precast drop inlets making up the storm drainage on site and layout points on all corners of the geometry making up the dog park, parking lot, splash pad, and connecting concrete sidewalks. BFM further provided layout points along the ellipses on the splash park site. (\$5,288 (fee); 2020)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Christopher Lemley

Field Operations Manager/Survey Crew Chief

Project Assignment:

Field Operations Manager/Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

11 years (joined BFM in 2014);
19 years total (2006)

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

Chris Lemley's services as BFM's Field Operations Manager includes overseeing all field work and activity by company personnel. His surveying experience includes over 8 years as a Survey Crew Chief. His survey software experience includes projects involving Trimble, Topcon, Leica, and Hypack, and has maintained and operated GPS, Auto-Level, and Total Station. Notable past project work has included the New Orleans Museum of Art, Jackson Barracks Restoration,, NASA Michoud Cells 3 & 4, and multiple Orleans Parish School Recovery projects.

Leo Kerner Parkway Bike Path & Pedestrian Crossing, Estelle, Jefferson Parish, LA. BFM's services involved topographic and related surveying along the proposed route for the Bike Path (Christina Drive to Seagull Drive; Seagull Drive to Parc Des Families). The project also included the Pedestrian Crossing on the south side of Barataria Boulevard & Leo Kerner Parkway Intersection. (\$49,608 (fee); 2016)

Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, LA. BFM Corporation provided Route Topographic Surveying services for the project. Scope included establishing a baseline, surveying cross sections, establishing TBMs, location of existing improvements and utilities (above & below ground), pipes & utility piping, and specimen trees. Damaged track/sidewalk sections (major cracking, missing chunks) were also located. Deliverables included indelible prints, three-point tie worksheets, and AutoCAD DWG files. (\$73,615 (fee); 2018)

TEC Professional Services Questionnaire

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

River to Lake Bike Path, Monticello Canal & Dankin Street, Jefferson and Orleans Parish Line, LA. BFM executed a topographic survey of the Bike Path along Jefferson/Orleans Parish Line, north of Airline Drive to River Road at the Monticello Canal and Dakin Streets. (\$108,000 (fee); 2019)

Little Farms Playground Parking Lot, River Ridge, Jefferson Parish, LA. BFM's surveying scope included boundary and topographic surveying services for the project site, which consisted of a concrete parking lot in a lot approx. 50 x150 on the corner of South Park Street and Stewart Avenue. (\$10,075 (fee); 2019)

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

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

Lafreniere Park Healthtrak Project, Metairie, Jefferson Parish, LA. BFM Corporation provided topographic surveying for the Healthtrak project located at Lafreniere Park in Jefferson Parish, Louisiana. BFM has worked on multiple projects throughout Lafreniere Park; the data gathered on this project was incorporated into BFM No. 9856, a Route Topographic Survey for the Lafreniere Park ADA Repairs project. The continuation located improvements and utilities & piping; boundary for the project was surveyed and determined. (\$14,660 (fee); 2022)

Tee Joe Gonzales Park (Baseball Fields 3 & 4) Topographic Survey, Gonzales, Ascension Parish, LA. BFM Corporation provided Topographic Surveying services for the project located at Tee Joe Gonzales Park (Fields 3 & 4) in Gonzales, LA. The survey located existing dugouts, provided layout of the new concession stand, the perimeter fence lines of the new baseball fields, and the dugout locations for the proposed fields. Scope included establishing a baseline (with three-point topographic ties), establishing two Temporary Benchmarks, locating existing improvements and utilities (including location/type of pipes), and spot elevations. (\$10,890 (fee); 2022)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title:	
John Philip Thayer Procurement Director (Proposals & Project Management Support)	
Project Assignment:	
Project Management Support	
Name of Firm with which associated:	
 BFM CORPORATION, LLC Professional Land & Hydrographic Surveying	
Years' experience with this Firm:	
17 years (joined BFM in 2008); 18 years total (2007)	<i>BFM Corporation, LLC 2008 to present</i> <i>Delle Land Surveying 2007 to 2008</i>
Education: Degree(s)/Year/Specialization:	
Certificate, 2015, Land Surveying Services B.S., 2007, Physical Education, Trevecca Nazarene University	
Active Registration: Year first registered/discipline:	
N/A	
Other experience and qualifications relevant to the proposed Project:	
<p>Phil Thayer serves as BFM's Procurement Director, providing proposal preparation and Project Management Support, having considerable experience in field surveying services, including ALTA/as-built surveying, construction layout, boundary, topographic, cross-sections, GPS use, and numerous other surveying types.</p> <p>Williams Boulevard Pedestrian Improvements, City of Kenner, LA. BFM Corporation was selected to provide all topographic and related surveying services for the project which involved a major thoroughfare in the City of Kenner. The project, which sought to expand pedestrian usage and safety, included sidewalks, crossings (including ADA compliance), and other appurtenances. Phase III was part of a multi-year/multi-phase program. (\$40,626 (cumulative fee); 2016)</p> <p>Hagan-Lafitte Drainage and Green Infrastructure Improvements, City of New Orleans, LA. BFM's surveying services for the project included a Collect Finished Floor Elevation Survey. Our scope included researching existing homes bounded by Dwyer Road, Wilson Avenue, Dreux Avenue, and Chantilly Drive, based upon Orleans Parish tax maps. Vertical control was established (NAVD 1988 Geoid 12A). Elevation differences between known elevations and finished floor elevations in each building was determined in order to establish finished floor elevations. BFM provided a detailed list of its findings, including maps and digital files. (\$3,390 (fee); 2017)</p>	

TEC Professional Services Questionnaire

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

Leo Kerner Parkway Bike Path & Pedestrian Crossing, Estelle, Jefferson Parish, LA. BFM's services involved topographic and related surveying along the proposed route for the Bike Path. The project also included the Pedestrian Crossing on the south side of Barataria Boulevard & Leo Kerner Parkway Intersection. (\$49,608 (fee); 2016)

Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, LA. BFM Corporation provided Route Topographic Surveying services for the project. Scope included establishing a baseline, surveying cross sections, establishing TBMs, location of existing improvements and utilities (above & below ground), pipes & utility piping, and specimen trees. Damaged track/sidewalk sections (major cracking, missing chunks) were also located. Deliverables included indelible prints, three-point tie worksheets, and AutoCAD DWG files. (\$73,615 (fee); 2018)

Bonnabel Boulevard Bike Path, Metairie, Jefferson Parish, LA. BFM provided surveying services for this bicycle path along Bonnabel Boulevard, extending from Veterans Memorial Boulevard to Lake Pontchartrain. Scope included a Route Topographic Survey (plan only). (\$37,590 (fee); 2020)

Foundation Building Parking Lot, Lafreniere Park, Metairie, Jefferson Parish, LA. BFM provided topographic surveying services for the Foundation Building parking lot, located at 3000 Downs Boulevard in Metairie. (\$17,710 (fee); 2018)

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

Lafreniere Park Healthtrak Project, Metairie, Jefferson Parish, LA. BFM Corporation provided topographic surveying for the Healthtrak project located at Lafreniere Park in Jefferson Parish, Louisiana. BFM has worked on multiple projects throughout Lafreniere Park; the data gathered on this project was incorporated into BFM No. 9856, a Route Topographic Survey for the Lafreniere Park ADA Repairs project. The continuation located improvements and utilities & piping; boundary for the project was surveyed and determined. (\$14,660 (fee); 2022)

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

Construction Surveying Services at Parc Des Families, Jefferson Parish, LA. BFM Corporation provided Construction Surveying Services for the project in Jefferson Parish, LA. BFM's scope included staking the project area per plan sets provided by the client. Upon completion of the grading, BFM provided layout points for all precast drop inlets making up the storm drainage on site and layout points on all corners of the geometry making up the dog park, parking lot, splash pad, and connecting concrete sidewalks. BFM further provided layout points along the ellipses on the splash park site. (\$5,288 (fee); 2020)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Dawn Hoffman
Researcher/Archivist

Project Assignment:

Researcher/Archivist

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

16 years (joined BFM in 2009);
28 years total (1997)

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

Education: Degree(s)/Year/Specialization:

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

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

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

Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, LA. BFM Corporation provided Route Topographic Surveying services for the project. Scope included establishing a baseline, surveying cross sections, establishing TBMs, location of existing improvements and utilities (above & below ground), pipes & utility piping, and specimen trees. Damaged track/sidewalk sections (major cracking, missing chunks) were also located. Deliverables included indelible prints, three-point tie worksheets, and AutoCAD DWG files. (\$73,615 (fee); 2018)

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

TEC Professional Services Questionnaire

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

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

Lafreniere Park Healthtrak Project, Metairie, Jefferson Parish, LA. BFM Corporation provided topographic surveying for the Healthtrak project located at Lafreniere Park in Jefferson Parish, Louisiana. BFM has worked on multiple projects throughout Lafreniere Park; the data gathered on this project was incorporated into BFM No. 9856, a Route Topographic Survey for the Lafreniere Park ADA Repairs project. The continuation located improvements and utilities & piping; boundary for the project was surveyed and determined. (\$14,660 (fee); 2022)

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

Construction Surveying Services at Parc Des Families, Jefferson Parish, LA. BFM Corporation provided Construction Surveying Services for the project in Jefferson Parish, LA. BFM's scope included staking the project area per plan sets provided by the client. Upon completion of the grading, BFM provided layout points for all precast drop inlets making up the storm drainage on site and layout points on all corners of the geometry making up the dog park, parking lot, splash pad, and connecting concrete sidewalks. BFM further provided layout points along the ellipses on the splash park site. (\$5,288 (fee); 2020)

Lamar-Dixon Gym Expansion, Gonzales, Ascension Parish, LA. BFM provided all services for a Topographic Survey for the Lamar-Dixon Gym Expansion in Gonzales. Scope included establishing a Temporary Benchmark and a Construction Benchmark. Utilities and piping for utilities were located. The existing building (and specific elements thereof) was located, including spot elevations and Finished Floor Elevations at each entrance. Project deliverables included three original FEMA Elevation Certificates and a Construction Benchmark Certificate. (\$8,000 (fee); 2019)

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Brandon Silva
Professional Surveyor Apprentice

Project Assignment:

Surveyor Apprentice

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

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

BFM Corporation, LLC | 2022 to present

Education: Degree(s)/Year/Specialization:

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

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

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

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

Proposed Parking Lots at Lafreniere Park, Jefferson Parish, LA. BFM executed a site specific topographic survey for a proposed parking lots project at Lafreniere Park in Metairie, Louisiana. (\$11,780 (fee); 2020)

TEC Professional Services Questionnaire

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

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

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

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

Louisiana International Terminal (LIT) Phase 3 Explorations Report, St. Bernard Parish, LA. BFM Corporation provided Location Survey Services for the Louisiana International Terminal (LIT) Phase 3 Explorations Report project. The survey included locating and providing the elevation for features throughout the project site, including East St. Bernard Highway, Chalmette Branch Railroad, site pump station, access ramps, conveyance channel, perimeter berm, and container storage. All horizontal datum was referenced to the Louisiana State Plane Coordinate System, South Zone, NAD 1983 (2011), with vertical datum referenced to N.A.V.D. 1988 (Geoid 12B). Project deliverables included the Latitude, Longitude, and Elevation for each location. (\$8,885 (fee); 2024)

Louisiana International Terminal (LIT) Phase 3 Explorations Location Survey, St. Bernard Parish, LA. The scope of the project involved the East St. Bernard Highway, Chalmette Branch Railroad, and Access Bridge. BFM located and provided the the elevation for each noted site feature, with horizontal datum referenced to the Louisiana State Plane Coordinate System, South Zone, NAD 1983 (2011) and vertical datum referenced to N.A.V.D. 1988 (Geoid 12B). Project deliverables included the provision of the Latitude, Longitude, and Elevation for each site feature noted. (\$7,715 (fee); 2025)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Anthony Watson

CADD Technician (AutoCADD Drafting Services)

Project Assignment:

CADD Technician (AutoCADD Drafting Services)

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

14 years (joined BFM in 2011);

34 years total (1991)

BFM Corporation, LLC | 2011 to present

Krebs LaSalle Lemieux / GEC | 2008 to 2011

Doug Connally and Associates Land Surveying (Dallas, TX) | 1995-2008

Electrician | 1991 to 1995

City of Plano TX (Part-Time Drafting Services) | 1991

Education: Degree(s)/Year/Specialization:

Coursework - CAD, Avatech Solutions, Los Colinas, TX

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

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

Williams Boulevard Pedestrian Improvements, City of Kenner, LA. BFM Corporation was selected to provide all topographic and related surveying services for the project which involved a major thoroughfare in the City of Kenner. The project, which sought to expand pedestrian usage and safety, included sidewalks, crossings (including ADA compliance), and other appurtenances. Phase III was part of a multi-year/multi-phase program. (\$40,626 (cumulative fee); 2016)

Leo Kerner Parkway Bike Path & Pedestrian Crossing, Estelle, Jefferson Parish, LA. BFM's services involved topographic and related surveying along the proposed route for the Bike Path (Christina Drive to Seagull Drive; Seagull Drive to Parc Des Families). The project also included the Pedestrian Crossing on the south side of Barataria Boulevard & Leo Kerner Parkway Intersection. (\$49,608 (fee); 2016)

TEC Professional Services Questionnaire

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

Splash Park Area Drainage Servitude Creation, Sewerage & Water Board, City of New Orleans, LA. BFM provided surveying services for the Splash Park area (Sewerage & Water Board services). Scope included plotting the location of a proposed drainage sewer servitude and writing a legal description depicting said servitude. BFM located existing sanitary sewer structures within the proposed servitude, which were plotted using GPS coordinate data provided by City Park. (\$680 (fee); 2018)

Hagan-Lafitte Drainage and Green Infrastructure Improvements, City of New Orleans, LA. BFM's surveying services for the project included a Collect Finished Floor Elevation Survey. Our scope included researching existing homes bounded by Dwyer Road, Wilson Avenue, Dreux Avenue, and Chantilly Drive, based upon Orleans Parish tax maps. Vertical control was established (NAVD 1988 Geoid 12A). Elevation differences between known elevations and finished floor elevations in each building was determined in order to establish finished floor elevations. BFM provided a detailed list of its findings, including maps and digital files. (\$3,390 (fee); 2017)

Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, LA. BFM Corporation provided Route Topographic Surveying services for the project. Scope included establishing a baseline, surveying cross sections, establishing TBMs, location of existing improvements and utilities (above & below ground), pipes & utility piping, and specimen trees. Damaged track/sidewalk sections (major cracking, missing chunks) were also located. Deliverables included indelible prints, three-point tie worksheets, and AutoCAD DWG files. (\$73,615 (fee); 2018)

Foundation Building Parking Lot, Lafreniere Park, Metairie, Jefferson Parish, LA. BFM provided topographic surveying services for the Foundation Building parking lot, located at 3000 Downs Boulevard in Metairie. (\$17,710 (fee); 2018)

River to Lake Bike Path, Monticello Canal & Dankin Street, Jefferson and Orleans Parish Line, LA. BFM executed a topographic survey of the Bike Path along Jefferson/Orleans Parish Line, north of Airline Drive to River Road at the Monticello Canal and Dakin Streets. (\$108,000 (fee); 2019)

Little Farms Playground Parking Lot, River Ridge, Jefferson Parish, LA. BFM's surveying scope included boundary and topographic surveying services for the project site, which consisted of a concrete parking lot in a lot approx. 50 x 150 on the corner of South Park Street and Stewart Avenue. (\$10,075 (fee); 2019)

Destrehan Avenue Bike Path (Patriot Street to Chadwood Drive), Harvey, Jefferson Parish, LA. BFM prepared a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The project area included the Destrehan ramp intersection, Chadwood Drive to Destrehan Avenue, and from the Destrehan ramp to Patriot Street. Surveying services further included the intersection of Destrehan Avenue to all side streets within the project area. (\$86,355 (fee); 2019)

Bonnabel Boulevard Bike Path, Metairie, Jefferson Parish, LA. BFM provided surveying services for this bicycle path along Bonnabel Boulevard, extending from Veterans Memorial Boulevard to Lake Pontchartrain, in Metairie, LA. The scope included a Route Topographic Survey (plan only). (\$37,590 (fee); 2020)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Kevin A. Roberts

CADD Technician (AutoCADD Drafting Services)

Project Assignment:

CADD Technician (AutoCADD Drafting Services)

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

7 years (joined BFM in 2018);
40 years total (1985)

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

Education: Degree(s)/Year/Specialization:

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

Active Registration: Year first registered/discipline:

N/A

Other experience and qualifications relevant to the proposed Project:

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

River to Lake Bike Path, Monticello Canal & Dankin Street, Jefferson and Orleans Parish Line, LA. BFM executed a topographic survey of the Bike Path along Jefferson/Orleans Parish Line, north of Airline Drive to River Road at the Monticello Canal and Dakin Streets. (\$108,000 (fee); 2019)

Little Farms Playground Parking Lot, River Ridge, Jefferson Parish, LA. BFM's surveying scope included boundary and topographic surveying services for the project site, which consisted of a concrete parking lot in a lot approx. 50 x150 on the corner of South Park Street and Stewart Avenue. (\$10,075 (fee); 2019)

TEC Professional Services Questionnaire

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

Destrehan Avenue Bike Path (Patriot Street to Chadwood Drive), Harvey, Jefferson Parish, LA. BFM prepared a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The project area included the Destrehan ramp intersection, Chadwood Drive to Destrehan Avenue, and from the Destrehan ramp to Patriot Street. Surveying services further included the intersection of Destrehan Avenue to all side streets within the project area. (\$86,355 (fee); 2019)

Lamar-Dixon Gym Expansion, Gonzales, Ascension Parish, LA. BFM provided all services for a Topographic Survey for the Lamar-Dixon Gym Expansion in Gonzales. Scope included establishing a Temporary Benchmark and a Construction Benchmark. Utilities and piping for utilities were located. The existing building (and specific elements thereof) was located, including spot elevations and Finished Floor Elevations at each entrance. Project deliverables included three original FEMA Elevation Certificates and a Construction Benchmark Certificate. (\$8,000 (fee); 2019)

Splash Park Area Drainage Servitude Creation, Sewerage & Water Board, City of New Orleans, LA. BFM provided surveying services for the Splash Park area (Sewerage & Water Board services). Scope included plotting the location of a proposed drainage sewer servitude and writing a legal description depicting said servitude. BFM located existing sanitary sewer structures within the proposed servitude, which were plotted using GPS coordinate data provided by City Park. (\$680 (fee); 2018)

Lafreniere Park Healthtrak Project, Metairie, Jefferson Parish, LA. BFM Corporation provided topographic surveying for the Healthtrak project located at Lafreniere Park in Jefferson Parish, Louisiana. BFM has worked on multiple projects throughout Lafreniere Park; the data gathered on this project was incorporated into BFM No. 9856, a Route Topographic Survey for the Lafreniere Park ADA Repairs project. The continuation located improvements and utilities & piping; boundary for the project was surveyed and determined. (\$14,660 (fee); 2022)

Lafreniere Park Soccer Field Upgrades, Jefferson Parish, LA. BFM prepared a Construction Layout Survey for the Lafreniere Park Soccer Field Upgrades project. All layout was calculated from the plan set provided by our client, titled "Lafreniere Park Upgrade, Soccer Fields, Jefferson Parish, Louisiana, A/E Project No. 20-1925", (updated June 2020) with reference survey in plans done by BFM Corporation, Project #10115, File #10115-A, dated February 2020. BFM's scope of services included establishing two Temporary Benchmarks (TBM) with vertical datum referenced to N.A.V.D. 1988 (Geoid 12B). Per the provided plans, the survey layout included light poles, flag pole, and backstop net poles. Upon completion of the rough grading of the project site, BFM provided layout of the corners of the fields. (\$4,838 (fee); 2021)

Fish Bayou Site (Servitude Survey, Sect 28, T8S, R2E), Ascension Parish, LA. BFM's scope of services included location of topography within the proposed servitude, property corners to verify the boundaries affected by said servitude, and the existing levee trail for the creation of a servitude for EAD and USGS servitude. Services under Task 1 also included staking, mapping, and legal documentation of drainage servitudes and fee title property concerning the Ascension Parish DPW EA Drainage District No. 1. (\$12,890 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Curtis "Jay" Barrios
Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

35 years (joined BFM in 1990);
40 years total (1985)

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

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

TEC Professional Services Questionnaire

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

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

Lamar-Dixon Gym Expansion, Gonzales, Ascension Parish, LA. BFM provided all services for a Topographic Survey for the Lamar-Dixon Gym Expansion in Gonzales. Scope included establishing a Temporary Benchmark and a Construction Benchmark. Utilities and piping for utilities were located. The existing building (and specific elements thereof) was located, including spot elevations and Finished Floor Elevations at each entrance. Project deliverables included three original FEMA Elevation Certificates and a Construction Benchmark Certificate. (\$8,000 (fee); 2019)

Lafreniere Park Healthtrak Project, Metairie, Jefferson Parish, LA. BFM Corporation provided topographic surveying for the Healthtrak project located at Lafreniere Park in Jefferson Parish, Louisiana. BFM has worked on multiple projects throughout Lafreniere Park; the data gathered on this project was incorporated into BFM No. 9856, a Route Topographic Survey for the Lafreniere Park ADA Repairs project. The continuation located improvements and utilities & piping; boundary for the project was surveyed and determined. (\$14,660 (fee); 2022)

Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, LA. BFM Corporation provided Route Topographic Surveying services for the project. Scope included establishing a baseline, surveying cross sections, establishing TBMs, location of existing improvements and utilities (above & below ground), pipes & utility piping, and specimen trees. Damaged track/sidewalk sections (major cracking, missing chunks) were also located. Deliverables included indelible prints, three-point tie worksheets, and AutoCAD DWG files. (\$73,615 (fee); 2018)

Construction Surveying Services at Parc Des Families, Jefferson Parish, LA. BFM Corporation provided Construction Surveying Services for the project in Jefferson Parish, LA. BFM's scope included staking the project area per plan sets provided by the client. Upon completion of the grading, BFM provided layout points for all precast drop inlets making up the storm drainage on site and layout points on all corners of the geometry making up the dog park, parking lot, splash pad, and connecting concrete sidewalks. BFM further provided layout points along the ellipses on the splash park site. (\$5,288 (fee); 2020)

Bonnabel Boulevard Bike Path, Metairie, Jefferson Parish, LA. BFM provided surveying services for this bicycle path along Bonnabel Boulevard, extending from Veterans Memorial Boulevard to Lake Pontchartrain, in Metairie, LA. The scope included a Route Topographic Survey (plan only). (\$37,590 (fee); 2020)

Bonnabel High School Baseball Field Survey, Kenner, Jefferson Parish, LA. Provision of a topographic of the project site; scope included establishing a baseline, setting a Construction Benchmark (CBM), and taking spot elevations. Survey further located existing improvements within the designated Limits of Survey including structures, pavement, stairways, and bleachers/seating areas. Visible aboveground utilities and those underground utilities with visible surface evidence were located, as were trees. Piping specifics were determined. Project deliverables included a Plan View Survey and the Construction Benchmark Certificate. (\$10,955 (fee); 2022)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Eric Gladney II
Survey Crew Chief

Project Assignment:

Survey Crew Chief

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years' experience with this Firm:

11 years (joined BFM in 2014);
24 years total (2001)

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

Education: Degree(s)/Year/Specialization:

High School Diploma

Active Registration: Year first registered/discipline:

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

Other experience and qualifications relevant to the proposed Project:

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

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

Proposed Lafreniere Park Food Pavilion, Metairie, Jefferson Parish, LA. BFM prepared a site-specific topographic survey for the project site. The scope of services included location of utilities (water & sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary

TEC Professional Services Questionnaire

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

Benchmark (TBM) and Construction Benchmark (CBM), locating existing improvements, natural elements, and other topographic features. (\$9,050 (fee); 2020)

Louisiana International Terminal (LIT) Phase 3 Explorations Report, St. Bernard Parish, LA. BFM Corporation provided Location Survey Services for the Louisiana International Terminal (LIT) Phase 3 Explorations Report project. The survey included locating and providing the elevation for features throughout the project site, including East St. Bernard Highway, Chalmette Branch Railroad, site pump station, access ramps, conveyance channel, perimeter berm, and container storage. All horizontal datum was referenced to the Louisiana State Plane Coordinate System, South Zone, NAD 1983 (2011), with vertical datum referenced to N.A.V.D. 1988 (Geoid 12B). Project deliverables included the Latitude, Longitude, and Elevation for each location. (\$8,885 (fee); 2024)

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

Route Topographic Survey for Jefferson Parish Waterline Project No. 2023-022-WRB (Estalote Avenue), Jefferson Parish, LA. BFM Corporation was selected to prepare a Route Topographic Survey for the project (2023-022-WRB) in Jefferson Parish. The limits of survey involved the area along Estalote Avenue, a total of approximately 8,500 linear feet, including intersecting streets. The survey includes establishing a baseline and establishing Temporary Benchmarks (TBMs). Existing improvements and utilities were located. BFM determined the depth, size, and type of pipes and locate and identified trees. Spot elevations were also taken. BFM has provided surveying on multiple Waterline Projects as part of a larger overall Waterline Improvements Program for Jefferson Parish. (\$84,280 (fee); 2023)

US 190 - Judge Tanner Boulevard Roundabout, St. Tammany Parish, LA. BFM Corporation was selected by St. Tammany Parish to provide a range of professional surveying services for their US 190 - Judge Tanner Boulevard Roundabout project. The project area was the subject of a previous Stage 0 evaluation of a roundabout at this location; while awaiting approval from Louisiana DOTD the Parish wished to proceed with surveying services required for the design of construction documents. BFM provided a GPS Control & Survey Baseline, Topographic and Boundary Surveying services (including Temporary Benchmarks), location of improvements & natural elements and utilities. BFM also provided extensive research services into Parish records and utility records. In Phase 2 of the project, BFM provided Right-of-Way Maps & Acquisition Surveying services. (\$66,500 (fee); 2023)

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:
EAT Fat City Center and Transportation Hub Project (Resubdivision) , Metairie, Jefferson Parish, Louisiana Jefferson Parish 1221 Elmwood Park Blvd Ste 1014 Jefferson LA 70123 Kyle Culverhouse , 850-777-0746 kyleculverhouse@gmail.com	BFM prepared a Resubdivision Survey. The first phase of this two-phase project included provision of a boundary survey (as per Louisiana Administrative Code) and included multiple lots on both Division Street and Hessmer Avenue in both the Simone Garden and Hemmer Farms subdivisions. Phase 2 of the project included resubdivision of said lots into three lots-of-record as per Jefferson Parish directive, and involve establishing baseline, setting Construction Benchmarks, location of improvements and utilities as well as trees, and taking spot elevations. In addition to the plan and baseline profiles (AutoCAD), BFM provided a Three-Point Tie Worksheet, as well as Construction Benchmarks and Metes-and-Bounds Legal Descriptions for each new lot of record.
Completion Date (Actual or estimated:)	Estimated Cost:
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Entire Project: N/A </div> <div style="text-align: center;"> Work for which Firm was Responsible: \$53,950 (fee) </div> </div>
July 2023	

PROJECT NO. 2

Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:
Lafreniere Park Healthtrak Project , Metairie, Jefferson Parish, Louisiana T. Baker Smith, L.L.C. 740 Phospor Avenue, Suite B Metairie LA 70005 Brian Moldaner , 504-952-6548 brian.moldaner@tbsmith.com	BFM Corporation provided topographic surveying for the Healthtrak project located at Lafreniere Park in Jefferson Parish, Louisiana. BFM has worked on multiple projects throughout Lafreniere Park; the data gathered on this project was incorporated into BFM No. 9856, a Route Topographic Survey for the Lafreniere Park ADA Repairs project. The continuation located improvements and utilities & piping; boundary for the project was surveyed and determined.
Completion Date (Actual or estimated:)	Estimated Cost:
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Entire Project: N/A </div> <div style="text-align: center;"> Work for which Firm was Responsible: \$14,660 (fee) </div> </div>
November 2022	

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Lafreniere Park ADA Repairs, Metairie, Jefferson Parish, Louisiana Meyer Engineers Ltd. 4937 Hearst St Ste 1B Metairie LA 70002 Jitendra Shah, P.E., 504-885-9892 jshah@meyer-e-l.com	BFM Corporation provided Route Topographic Surveying services for the project. Scope included establishing a baseline, surveying cross sections, establishing TBMs, location of existing improvements and utilities (above & below ground), pipes & utility piping, and specimen trees. Damaged track/sidewalk sections (major cracking, missing chunks) were also located. Deliverables included indelible prints, three-point tie worksheets, and AutoCAD DWG files.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
June 2018	N/A	\$73,615 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Construction Surveying Services at Parc Des Families, Jefferson Parish, Louisiana Rotolo Consultants, Inc. 38001 Browns Village Road Slidell LA 70460 Travis Heathman. 601-606-1484 theathman@rotoconsultants.com	BFM Corporation provided Construction Surveying Services for the project in Jefferson Parish, LA. BFM's scope included staking the project area per plan sets provided by the client. Upon completion of the grading, BFM provided layout points for all precast drop inlets making up the storm drainage on site and layout points on all corners of the geometry making up the dog park, parking lot, splash pad, and connecting concrete sidewalks. BFM further provided layout points along the ellipses on the splash park site.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2020	N/A	\$5,288 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Lamar-Dixon Gym Expansion, Gonzales, Ascension Parish, Louisiana Meyer Engineers Ltd. 4937 Hearst Avenue, Suite B Metairie LA 70001 Raymond J. Brown, 504-885-9892 rbrown@meyer-e-l.com	BFM Corporation provided all services for a Topographic Survey for the Lamar-Dixon Gym Expansion in Gonzales. Scope included establishing a Temporary Benchmark and a Construction Benchmark. Utilities and piping for utilities were located. The existing building (and specific elements thereof) was located, including spot elevations and Finished Floor Elevations at each entrance. Project deliverables included three original FEMA Elevation Certificates and a Construction Benchmark Certificate.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
June 2019	N/A	\$8,000 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Little Farms Playground Parking Lot, River Ridge, Jefferson Parish, Louisiana Meyer Engineers, Ltd. 4937 Hearst Street, Suite 1B Metairie LA 70001 Mark A. Schutt, P.E., 504-885-9892	BFM's surveying scope included boundary and topographic surveying services for the project site, which consisted of a concrete parking lot in a lot approx. 50 x150 on the corner of South Park Street and Stewart Avenue.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
February 2019	N/A	\$10,075 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
Proposed Lafreniere Park Food Pavilion , Metairie, Jefferson Parish, Louisiana Meyer Engineers Ltd. 4937 Hearst Avenue, Suite 1B Metairie LA 70001 Jennifer Wickham , 504-885-9892 jwickham@meyer-e-l.com	BFM Corporation prepared a site-specific topographic survey for the project site. The scope of services included location of utilities (water & sewer, lighting, power, cable, etc.), establishing a baseline, providing both Temporary Benchmark (TBM) and Construction Benchmark (CBM), locating existing improvements, natural elements, and other topographic features.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2020	N/A	\$9,050 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
St. Tammany Parish Public Schools Playground Equipment Survey Project , St. Tammany Parish, Louisiana St. Tammany Parish School Board Construction Department 321 N. Theard Street Covington LA 70433 Cullie G. Catoe , 985-898-3287 Cullie.Catoe@stpsb.org	BFM executed topographic surveys for six school sites in Slidell and Pearl River, St. Tammany Parish, Louisiana. At each location, the scope included establishing a baseline and setting temporary benchmarks, locating all improvements and applicable trees, and taking spot elevations at 50 ft. intervals. BFM assembled its team and worked with the individual schools to get all surveying accomplished either when classes were not in session (including weekends) or when it worked best for the school itself.	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November 2022	N/A	\$36,180 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Williams Boulevard Pedestrian Improvements, City of Kenner, Louisiana</p> <p>Burk-Kleinpeter, Inc. 4176 Canal Street New Orleans LA 70119</p> <p>Mike Chopin, P.E., 504-486-5901 mchopin@bkusa.com</p>	<p>BFM Corporation was selected to provide all topographic and related surveying services for the project which involved a major thoroughfare in the City of Kenner. The project, which sought to expand pedestrian usage and safety, included sidewalks, crossings (including ADA compliance), and other appurtenances. Phase III was part of a multi-year/multi-phase program.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2016	N/A	\$40,626 (cumulative fee)

PROJECT NO. 10		
Project Name, Location, and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Hagan-Lafitte Drainage and Green Infrastructure Improvements, City of New Orleans, Louisiana</p> <p>APS Engineering and Testing 5261 Highland Road, PMB #320 Baton Rouge LA 70808</p> <p>Sergio Aviles, P.E., 225-456-5714 sergio@aps-testing.com</p>	<p>BFM's surveying services for the project included a Collect Finished Floor Elevation Survey. Our scope included researching existing homes bounded by Dwyer Road, Wilson Avenue, Dreux Avenue, and Chantilly Drive, based upon Orleans Parish tax maps. Vertical control was established (NAVD 1988 Geoid 12A). Elevation differences between known elevations and finished floor elevations in each building was determined in order to establish finished floor elevations. BFM provided a detailed list of its findings, including maps and digital files.</p>	
Completion Date (Actual or estimated:)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2017	N/A	\$3,390 (fee)

TEC Professional Services Questionnaire

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

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

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

BFM CORPORATION, LLC

Professional Land & Hydrographic Surveying

CRITERIA 1 | PROFESSIONAL TRAINING AND EXPERIENCE

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

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

Our capabilities include the following and more:

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

TEC Professional Services Questionnaire

N. continued.

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

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

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

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

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

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

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

CRITERIA 2 | SIZE OF FIRM

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

TEC Professional Services Questionnaire

N. continued.

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

CRITERIA 3 | CAPACITY FOR TIMELY COMPLETION

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

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

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

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

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

CRITERIA 4 | PAST PERFORMANCE ON CDBG PROJECTS

BFM Corporation completes hundreds of projects throughout the year and for a multitude of private and governmental entities; however, as a sub-consultant, our clients do not divulge funding sources at the time of contract & services and, as such, we do not track this information.

CRITERIA 5 | LOCATION OF THE PRINCIPAL OFFICE

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

TEC Professional Services Questionnaire

N. continued.

CRITERIA 6 | LEGAL STATEMENT

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

CRITERIA 7 | PRIOR SUCCESSFUL COMPLETION OF PROJECTS

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

Mark R. Drewes, P.E., Director, Public Works Department, Jefferson Parish

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

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

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

Ben Lepine, Acting Director, Drainage Department, Jefferson Parish

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

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

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

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

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

José A. Gonzales, CAO, City of Kenner

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

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

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

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

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

Signature: 

Print Name: Chad M. Poché, P.E.

Title: Executive Vice President

Date: March 21, 2025