

## **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 dated and signed by an authorized representative of the Firm. Failure to sign the questionnaire shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- All subcontractors must be listed in the appropriate section of the Questionnaire. Each subcontractor must provide a complete copy of the TEC Questionnaire, applicable licenses, and any other information required by the advertisement. Failure to provide the subcontractors' complete questionnaire(s), applicable licenses, and any other information required by the advertisement shall result in disqualification of proposer pursuant to J.P. Code of Ordinances Sec. 2-928.
- If additional pages are needed, attach them to the questionnaire and include all applicable information that is required by the questionnaire.

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

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

**ALBERT** | ARCHITECTURE

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

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

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

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

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

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

## TEC Professional Services Questionnaire

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

1.

2.

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

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

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

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

\_\_\_\_\_

## TEC Professional Services Questionnaire

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

1.

2.

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

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

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

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

\_\_\_\_\_



## TEC Professional Services Questionnaire

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

### **PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

**Project Assignment:**

**Name of Firm with which associated:**

**ALBERT | ARCHITECTURE**

**Years' experience with this Firm:**

**Education: Degree(s)/Year/Specialization:**

**Active registration: Year first registered/discipline:**

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



## TEC Professional Services Questionnaire

### Other experience and qualifications relevant to the proposed Project:

**Name:** Richard Albert, RA, AIA, NCARB

**Title:** Managing Member, Principal Architect

**Years of Experience:** 31

**Education:** Bachelor of Science - Architecture – University of Louisiana

**Professional Certifications:**

Louisiana Registered Architect 1998

Mississippi Registered Architect 2011

Florida Registered Architect 2013

Texas Registered Architect 2014

NCARB Registration 1998

AIA Registration 1998

Mr. Albert has over 30 years of proven architectural experience, including community master planning, governmental, healthcare, commercial, and industrial projects. He has been the professional in charge, responsible for leading teams of designers and consultants in completing state of the art buildings with complex information, security, and communication systems. In addition to being President of Albert Architecture & Urban Design AP LLC, he has been the Principal Architect for nearly 21 years. He is a hands-on leader who has a strong passion for design and an appreciation for value.

Recently completed projects vary in size and complexity. He enjoys working with clients and understands their current and future needs. He is considered well-rounded in a variety of building types and has customized prototype detailing. As Principal, he believes communication is key to success and has found most clients enjoy an active role in architectural design processes.

Within Jefferson Parish, Mr. Albert is currently the Principal-in-Charge on building improvements at the Westbank campus of the Jefferson Parish Sheriff's Office, Jefferson Parish Fire Department's Station #15, Hope Haven (Feingold Building) renovations & stabilization and most recently phase 1 of the Bucktown Harbor Redevelopment Project.

## Project Experience:

- JPSO Westbank Campus Renovations of Buildings, A and C – Jefferson Parish
- JPFD Station 15 Renovations – Jefferson Parish
- Hope Haven (Feingold Building) Renovations and Stabilization – Jefferson Parish
- USAF D/B Aerobics Room & Locker Room Renovation – Barksdale, Bossier, Louisiana
- Renovate N&FS to VCS Canteen Bldg 21 A/E – Biloxi, Mississippi
- A&E Design Urgent Care – New Orleans, Louisiana
- Install Photovoltaic Electrical Systems for VA Bldg 10 & 13 – West Palm Beach, Florida
- Design/Build Improve Life Safety Corrections Phase IV – Miami, Florida
- Expansion of Oncology Unit – Jackson, Mississippi
- Renovate Surgical Intensive Care Unit – Jackson, Mississippi
- Design/Build Construction of MRI Clinic – West Palm Beach, Florida
- Building 1 Study for Sanitary System Upgrade and Replacement – Miami, Florida
- 3C Mental Health Dining Room – West Palm Beach, Florida
- Refurbish 3rd Floor Patient Rooms, North Wing – Miami, Florida
- Opelousas Apartments - New Orleans, Louisiana
- Boasso America – Chalmette, Louisiana
- Auto-Chlor Operation Facility, New Orleans, Louisiana
- Cotton Exchange Hotel, New Orleans, Louisiana
- Levy Building Condominiums, New Orleans, Louisiana
- New Orleans Mosquito Control Aircraft Hangar - New Orleans, Louisiana
- NOFD Engines 4, 6, 12, 13, 14, 16, 18, 20, 24, 25, 26, 33, 37, 38 and the Supply Annex – New Orleans, Louisiana
- Hithe Orthodontics, New Orleans, Louisiana
- CBSL Transportation Inc., Reserve, Louisiana
- Louisiana Freedmen Homes, New Orleans, Louisiana
- 9<sup>th</sup> Street Market, New Orleans, Louisiana
- 2116 Magazine Street – New Orleans, Louisiana
- Snap Fitness – New Orleans, Louisiana
- Jefferson Street Apartments – New Orleans, Louisiana
- Joseph Street Apartments – New Orleans, Louisiana
- The Basketry – Luling, Louisiana
- Medal of Honor Golf Course – Quantico, Virginia
- Key West Naval Air Station – Key West, Florida
- Navy Information Technology Center – New Orleans, Louisiana
- The Washingtonian Center – Fairfax, Virginia
- Whitney National Bank – New Orleans, Louisiana
- Stor-All New Orleans Inc. – New Orleans, Louisiana
- FNBC Handicapped Accessibility Upgrades – New Orleans, Louisiana
- Grove Natural Snacks, New Orleans International Airport, New Orleans, Louisiana
- The Steak Knife Restaurant – New Orleans, Louisiana
- The Prince Conti Bombay Club – New Orleans, Louisiana
- New Town, Irian Jaya, Indonesia
- Punta Gorda Harbor Development – Punta Gorda, Florida.

## Project Experience Continued:

- The Cecil and Ida Green Research Center – Richardson, Texas
- Trinity Episcopal School, New Orleans, Louisiana
- Carillon Beachside Town Plan, Carillon Beach, Florida
- Ascension Parish Courthouse, Gonzalez, Louisiana
- Visual Enhancements to the Port of New Orleans – New Orleans, Louisiana
- Louisiana Children's Museum – New Orleans, Louisiana
- Maritime Museum – Madisonville, Louisiana
- Hancock Medical Center – Bay St. Louis, Mississippi
- George County Hospital – Lucedale, Mississippi
- Crosby Memorial Hospital, Picayune, Mississippi

## TEC Professional Services Questionnaire

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



## TEC Professional Services Questionnaire

### Other experience and qualifications relevant to the proposed Project:


Leslie E. Raymond  
Architect

Leslie is a registered architect with 20 years of experience in institutional and residential architecture. She graduated magna cum laude from Virginia Tech with a minor in Industrial Design. Leslie has acted as Project Architect on projects across New Orleans, South Florida, Alabama, New York, and Boston. Her extensive portfolio of work includes design-build projects with the Department of Veteran's Affairs, U.S. Marshals, U.S. Department of Justice, as well as meticulous historic renovations of both commercial and multi-family buildings. Leslie is a LEED accredited professional and believes in incorporating thoughtful, sustainable design for all clients. Her projects have been featured in Design New England, the Wall Street Journal, New Orleans Magazine, Preservation in Print, and the New Hampshire Chronicle.

### Experience:

- GSA Ft Lauderdale Judge's Chambers, Ft Lauderdale, FL
- Army Range Control Facility, Ft Devens, MA
- VA X-ray Suite, Togus, ME
- Boutique Hotel, 2625 Iberville Street, New Orleans, MA
- Elevator Modernization Project, UNO, New Orleans, LA
- VA West Palm Beach MRI Facility, West Palm Beach, FL
- 620 Opelousas Street Apartments, 620 Opelousas Street, New Orleans, LA
- Farnsworth Apartments, 5355 St Charles Avenue, New Orleans, LA
- 4411 Canal Street Renovation, 4411 Canal Street, New Orleans, LA
- Khoobehi Condominiums, 300 Magazine Street, New Orleans, LA
- Polymnia Condominiums, 1531 Polymnia Street, New Orleans, LA
- Veterans Affairs Murfreesboro Rehabilitation Domiciliary, Murfreesboro, TN
- GSA US Marshals Service Task Force Office, Orlando, FL
- Project Mgr./Project Architect, Southworth Library Renovation, Thayer Academy, Braintree, MA
- Interior Architect, Walnut Hill Dormitory, Walnut Hill School for the Arts, Natick, MA
- Interior Architect, Performing Arts Center, Thayer Academy, Braintree, MA

## TEC Professional Services Questionnaire

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



## TEC Professional Services Questionnaire

### Other experience and qualifications relevant to the proposed Project:

Jared A. Bowers  
Architect

Jared is a licensed architect with nearly 14 years of professional design experience. The Phoenix native is a graduate of the Tulane University School of Architecture where he helped to pilot the URBANbuild program in 2005/2006 after Hurricane Katrina. Prior to joining the Albert Architecture team, Jared worked with a local high-end residential/private commercial architecture firm producing award-winning local and international work. His public portfolio of work includes Jefferson Parish Sheriff's Office, Jefferson Parish Hope Haven (Feingold Building) renovations, U.S. Veteran's Administration and U.S. Navy Facilities Command (NAVFAC) and the U.S. Social Security Administration to name a few.

### Experience:

- Hope Haven (Feingold Building) renovations and stabilization, Marrero, LA
- JPFD Station 15 renovations, Metairie, LA
- JPSO: Detective Bureau, Bldg. A and Bldg. C improvements, Harvey, LA
- Historic Warehouse Renovation, 2720 St. Louis, New Orleans, LA
- Social Security Building, 115 Terry Parkway, Terrytown, LA
- Manhattan Village Shopping Center, Harvey, LA
- RD Boutique Apartments, New Orleans, LA
- Faubourg Distillerie, 301 N Claiborne Ave, LA
- Goodhue Building Renovation, Beaumont TX
- Dombey Glass Studio, New Orleans, LA
- Pollack Glass Studio, New Orleans, LA
- Engine No. 37, New Orleans, LA
- Veterans Affairs Mental Health, West Palm Beach, FL
- Studio OZ Duplex Apartments, New Orleans, LA
- Barksdale AFB site improvements, Shreveport, LA
- Custom Residential Development – Athens, Greece



## TEC Professional Services Questionnaire

### **KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

**Name & Title:**

**Project Assignment:**

**Name of Firm with which associated:**

**ALBERT** | **ARCHITECTURE**

**Years' experience with this Firm:**

**Education: Degree(s)/Year/Specialization:**

**Active registration: Year first registered/discipline:**

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



## TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Alex Hernandez  
Senior Project Manager

**Years of Experience:** 20 (7 with Albert Architecture)

**Professional Certifications:** LA General Contractor, Building Construction  
OSHA 40-hr for Hazardous Waste Site Workers  
OSHA 30-hr Safety Training  
40-hr Project Management Professional Training  
Member, Society of American Engineers  
Associate Member, American Society of Healthcare Engineering

**Project Experience:**

### **VA256-C-1333 Ambulatory Care & Emergency Area Expansion & Renovations**

***Dept. of Veterans Affairs – Alexandria, LA - \$7,085,753.00***

Mr. Hernandez was the Project Executive providing all labor, material, and equipment for expanding the ambulatory care area of Building 7 of the VA Medical Center in Alexandria, Louisiana. Work encompassed approximately 17,135 square feet of new construction, 20,759 square feet of renovated space, and 2,760 square feet of outside covered patio.

### **VA256-C-1334 Overton Brooks Dental Clinic**

***Dept. of Veterans Affairs – Shreveport, LA - \$4,513,464.00***

Mr. Hernandez was the Project Executive providing all material, equipment, labor, supervision, and expertise necessary for the construction of a new 13,400 SQFT, 2-story Dental Clinic for the VA Hospital in Shreveport, LA. Work included site preparation, site utilities, site work, mechanical, electrical, communication and security systems and new building construction. The new Dental Clinic has a 2-stop hydraulic elevator with waiting, reception and administrative on both the first and second floors. The construction provided for a total of 15 operatories, 2 panoramic x-ray rooms, and two (2) dental laboratories.

# ALBERT

## ARCHITECTURE

### **Samuel J. Green Charter School Refurbishment**

***Recovery School District – New Orleans, LA - \$6,223,124.93***

Mr. Hernandez was the Project Executive with overall responsibility on this project to refurbish Samuel J. Green School in New Orleans, Louisiana. Work included installing new handicap access ramps; clean, repair, repoint brick and stone walls, and replace wood windows with aluminum windows. There were repairs, repainted, reglazed steel windows; repairs, replacement of metal and wood trim scheduled. Replacement of wood entry doors, replace roofing, flashing, and copings/repair, replace copper gutters and RWL's, construct new trash enclosure all for the exterior of the school. Interior refurbishments included installing new wood flooring in certain areas and refinish all wood floors to match, remove rubber tile at kitchen and install new epoxy terrazzo flooring as well as repaint concrete floors where scheduled. Install wood base where missing and damaged. Repair, paint damaged walls. Repair, replace wood trim, and repaint. Install new wheel chair lift. Replace acoustic panels and ceiling grid where scheduled. Renovate stairwells. Renovate restrooms and construct new restrooms. Renovate mechanical and electrical systems.

### **VA256-15-J-0325 Upgrade Interior Finishes, Phase 1**

***Dept. of Veterans Affairs – Shreveport, LA – \$469,771.36***

Mr. Hernandez was the Project Executive with overall responsibility on this project to upgrade the interior finishes in the main entrance lobby of the hospital at Overton Brooks VA Medical Center in Shreveport, Louisiana. This renovation consists of 4 different phases to keep the lobby open while it is also being renovated. Once all the phases are complete this area will have a new wood ceiling, new tile and carpet floors, new tile walls, all new millwork, an interactive directory to help the patients find their way. This renovation will move the coffee shop to better location to help the flow of traffic. The offices around the lobby will also be included in this renovation and receive new flooring, storefront systems, paint and ceilings.

### **HSFELA-10-P-0053 FEMA Generator Maintenance and Repair**

***FEMA – Southern Louisiana - \$202,318.49***

Mr. Hernandez was the Project Executive with overall responsibility for on-site generator maintenance and repair services in support of the Federal Emergency Management Agency (FEMA) at various State and Federal Facilities, located throughout the state of Louisiana. We conducted "on-site" generator preventative maintenance as well as routine maintenance checks and services. Generator sets are defined as all systems and subsystems of the generator power plant (engine) and generator electrical power production system to include fuel tanks. On-site maintenance preventive checks and services included; the care, servicing, inspection, detection and correction of mechanical discrepancies before these discrepancies can cause serious damage, failure or injury; they are all diesel combustion powered.

## TEC Professional Services Questionnaire

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

### PROJECT NO. 1

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

### PROJECT NO. 2

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

## TEC Professional Services Questionnaire

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

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

## TEC Professional Services Questionnaire

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

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

## TEC Professional Services Questionnaire

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

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

## TEC Professional Services Questionnaire

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

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



## TEC Professional Services Questionnaire

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


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

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





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

Signature:  Print Name: Richard P. Albert

Title: President Date: January 19, 2021



Provide Professional Architectural Services and Engineering Services on an As Needed Basis for Architectural Type Projects Throughout Jefferson Parish

### Sub Consultant List

1. Pivotal Engineering, LLC
2. Infinity Engineering Consultants, LLC
3. Joseph Furr Design Studio, LLC
4. BFM Corporation, LLC
5. Gulf South Engineering & Testing, Inc.



# Pivotal Engineering, LLC



## Statement of Qualifications For Architectural & Engineering Services On An As-Needed Basis for Architectural Type Projects.

Resolution No. 136764  
January 20, 2021

Pivotal Engineering, LLC  
3925 N. I-10 Service Road W.,  
Suite 109R  
Metairie, LA 70002  
Office 504-799-3653  
Fax 504-799-3654

pivotal  
engineering  
A Full Service MEP, Civil and Environmental Firm

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    Appendix A – TEC Form – Pivotal Engineering, LLC

# STATEMENT OF QUALIFICATIONS

## Section 1: Introduction

The **Pivotal Engineering, LLC** - here in after called the design “Team” brings an unparalleled depth of capabilities on Architectural, Civil, Geotechnical, Mechanical, Electrical, Structural, Environmental Engineering, Construction Management, Construction Inspection, and Topographic Survey experience. Our Team’s capabilities will provide the Jefferson Parish with the most effective and efficient approach for providing Professional Architectural & Engineering Services On An As-Needed Basis for Architectural Type Projects Throughout The Parish.

Our integrated Team will provide an optimized concurrent engineering environment that provides an opportunity to substantially reduce the design time and total cost of a project. Benefits of our integrated Team with members of various skilled disciplines enable a simultaneous contribution to an early project definition and increase the likelihood of a reduced lifecycle cost by avoiding costly alterations later in the design process.

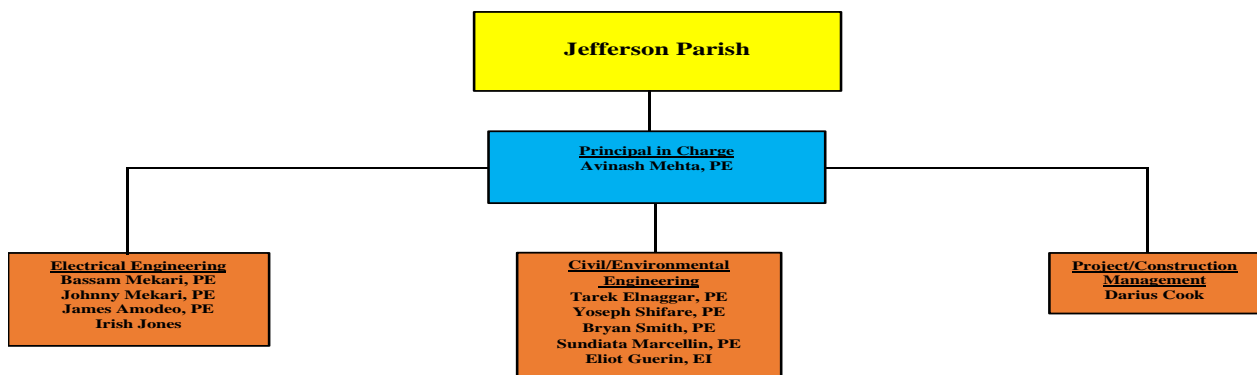
Our management team is comprised of experienced managers and task leaders with proven leadership,

thoughtfully bringing together capable team members with exceptional technical skills, and supporting them with good QA/QC processes. Open lines of communication and weekly internal conference calls will ensure that the project is managed successfully, on time, and within budget and schedule.

Our Team is committed to defining the project and setting expectations as our first step toward making that project a success. We as a team will apply various techniques for project estimation and cost control including:

- Set Expectations Early, Review Often
- Planning the Project Budget
- Keeping Track of Costs
- Establishing a Communication Plan
- Effective Time Management
- Project Change Control
- Use of Earned Value to Monitor Both Cost and Schedule

## Section 2: Organization Chart



## **Section 3: Specialized Experience**

### **3.1 Pivotal Engineering, LLC**

#### **3.2 Company Profile:**

Pivotal is a full-service engineering design firm based in New Orleans, Louisiana. Pivotal has established a reputation for providing superior service to its clients and delivering quality work on time and within budget. Pivotal's principals and staff have in excess of 200 years of combined experience in architectural, civil, mechanical, electrical, structural, environmental engineering, construction management, construction inspection and program /project management for both public and private entities across the Gulf South Region.

Pivotal Engineering is currently providing these engineering and management services to many municipalities and state agencies in the region including; The City of New Orleans, Jefferson Parish, The City of Shreveport, The City of Kenner, St. Charles Parish, and St. John Parish. These services have also been provided to private clients such as Entergy, Waste Management, and private developers. Pivotal Engineering has in depth understanding of local, state, and federal governmental agencies procedures and regulations.

Pivotal has worked with private developers and government agencies to help deal with the challenges of economic revitalization, infill development and brownfield reclamation in order to accommodate the growing infrastructure needs of urban cities. Our primary focus begins with assisting public sector agencies and private development companies to effectively plan to accommodate growth in an environmentally sustainable manner. We have assisted urban renewal projects throughout all stages of project development including: analyzing zoning issues, planning commission interaction, conducting public hearings, and fostering community visioning and support.

Pivotal Engineering is a certified Small Business Enterprise with both the Small Business Administration and the New Orleans Regional Transit Authority and is certified as a Disadvantaged Business Enterprise by the City of

New Orleans. Pivotal Engineering is also certified by the Louisiana Department of Economic Development as a Small Entrepreneurship SE (Hudson Initiative) firm.

### 3.3 Resumes:

Pivotal's Key Personnel have proven excellence in managing projects from cradle to grave while providing value engineering, which saved our clients hundreds of thousands of dollars. Our staff was essential in helping metropolitan New Orleans in expediting its post Katrina recovery by handling and completing over 50 critical City, Parish and/or FEMA funded projects. The current staff of Pivotal has extensive experience managing a variety of complex projects from conception to construction.

The majority of Pivotal's staff has extensive design as well as construction experience. This advantage minimizes contractor change orders, expedites project schedules and improves project details. Our Engineers have great track records with helping our clients meet compressed deadlines while eliminating unnecessary expenses yet delivering better than the intended product. We have also proven to our clients our added "Value Engineering" on several projects, which resulted in direct savings of hundreds of thousands of dollars.

The Pivotal engineering team is well versed in a variety of software including AutoCAD, CIVIL 3D, HEC RAS, H2O MAP and Arc GIS. We ask that you note the resumes of key staff specialized experience included herein.

#### **Avinash Mehta, PE** **Principal- Client relations**

##### **Education**

M.S. Civil Engineering/ University of Central Florida/ 2003

B.S. Civil Engineering/ NMU – India/ 2000

##### **Professional Associations**

LA PE # 35100

##### **Experience**

Mr. Mehta serves as a Principal of Pivotal Engineering. Mr. Mehta has over 15 years of experience managing civil and environmental engineering projects including project budget, schedule and scope, coordination of resources, business development and client liaison activities. His experience includes the project management for A&E projects, process and design, civil

engineering, water and wastewater engineering, drainage design and permitting, wastewater system design, potable water system design, conceptual planning, and design for coastal restoration projects.

#### **Yoseph Shifare, PE** **Project Manager/Senior Civil Engineer**

##### **Education**

M.S. Civil Engineering/ University of Louisville/ Kentucky, 2014

B.S. Civil Engineering/ University of Asmara/ Eritrea, 2001

##### **Professional Associations**

LA PE # 42747

##### **Experience**

Mr. Shifare serves as a Project Director of Pivotal Engineering in charge of Civil/Transportation engineering projects. He has over 17 years engineering, project and construction management experience for public infrastructures, industrial, commercial and private facilities. As a project director; he designs, leads and manages the day to day efforts of engineers on projects that include roadway, traffic, drainage/storm water management, water and wastewater, and landfills. He is responsible to client liaison, manage the strategic aspects of project engagement, review high-level project deliverables, provides leadership, project accounting and ensures the engineering practice meets or exceeds industry standard.

#### **Bassam Rossi Mekari, PE** **Principal In Charge/ Sr. Electrical Engineer**

##### **Education**

BS/ Electrical Engineering/ Louisiana State University 1987

MS in Electrical Engineering - 3 hours remaining

##### **Professional Associations**

LA PE # 31801, NFPA Member, ASHRAE Member, American Military Engineers

**Experience**

Mr. Mekari serves as a Principal of Pivotal Engineering and the Engineering Manager in charge of all of the electrical engineering projects. He has over 25 years of experience in designing and installing electrical distribution systems for public, commercial, and industrial facilities such as schools, fire stations, justice centers, police stations, street lights, lift stations, PLC automations and thermal reactors. He also designed/built electrical installations throughout the US and worldwide. Mr. Mekari has designed over 100 electrical systems and will be instrumental in the overall electrical design and project management.

**Tarek Elnaggar, P.E.  
Senior Civil Engineer****Education**

M.S./ Civil Engineering/ University of California/ Berkley, 1988  
B.S./ Civil Engineering/ Louisiana State University/ 1985

**Professional Associations**

Louisiana/Civil/Environmental Engineering/23832  
Texas/Civil/Environmental Engineering/85089  
Mississippi/Civil/Environmental Engineering/14839

**Experience**

Mr. Elnaggar serves as a Principal of Pivotal Engineering LLC. He is the lead Environmental Engineer for the company. His experience includes design and construction management for civil and environmental projects, which include municipal and industrial solid waste permitting, risk assessments, water permitting and compliance, air permitting and compliance, emission inventories and reporting, groundwater investigations, regulatory compliance, environmental process design, permitting, and waste treatment system design.

**James Amodeo, PE  
Senior Mechanical Engineer****Education**

B.S./ Mechanical Engineering/ S.U.N.Y at Stony Brook, Stony Brook, New York

**Professional Associations**

Louisiana / Mechanical / 36489  
Colorado / Mechanical / 36652  
ASHRAE, NSPE & ASME

**Experience**

Mr. Amodeo serves as the Senior Mechanical Engineer for Pivotal Engineering. He has over 15 years of experience in designing and specifying mechanical and plumbing systems for municipal, industrial, commercial, process and manufacturing applications of all magnitudes. Mr. Amodeo is an ASHRAE Member, NSPE Member, and ASME Member.

**Sundiata Marcelin, PE  
Civil Project Engineer****Education**

B.S. / 2004 / Civil Engineering

**Professional Associations**

Louisiana / Civil Engineering/ 38589

**Experience**

Mr. Marcellin serves as a Project Civil Engineer at Pivotal Engineering. He has over 10 years of experience in Civil & Structural Engineering & Construction Management. Mr. Marcelin is also experienced with FEA Analysis and Structural Analysis, Hazard Mitigation Design & Residential and Commercial Design & Permitting.



**Bryan B. Smith, P.E.**  
**Environmental Project Engineer**

**Education**

BS / Environmental Engineering / 2011  
MS / Civil and Environmental Engineering / 2014

**Professional Associations**

LA PE #43843

**Experience**

Mr. Smith serves as a project engineer at Pivotal Engineering, LLC in support of civil and environmental engineering projects. His projects range from public to private sector and require effort in both the field and the office. He has experience in infrastructure design, project management, permitting, field sampling, flow rate testing and laboratory analysis

**Eliot Guerin, EI**  
**Civil Project Engineer**

**Education**

B.S. / 2018 / Civil Engineering

**Professional Associations**

Louisiana /Civil Engineering/ E.I.

**Experience**

Mr. Guerin is a Civil Engineer with 1 year of experience at Pivotal Engineering, focusing on roadway, sanitary sewer, and storm drainage design. So far, he has done design in these areas for several projects which span municipal utilities to school infrastructure. In addition, Mr. Guerin has 6 months of experience at Zachry Group over the course of two internships, one of which was at an active construction site, and contributed a significant amount of estimating work for new power plant construction during this tenure.

**Kepal Patel, EI**  
**Electrical Designer**

**Education**

B.S./Electrical Engineering/University of New Orleans

**Professional Associations**

LA EI # 34453 / Electrical Engineering

**Experience**

Mr. Patel serves as an Electrical Designer for Pivotal Engineering. Mr. Patel designing experience includes CADD work, generally to show the pole location, laying out circuit design from the power source to individual poles, type of foundation used, type of fixture used and include its specifications. Currently, he is working on several JP streetlight projects and his role requires Voltage Drop Calculations, Conduit sizes, Wire sizes, grounding and bonding etc. and thus determine what kind of electrical components would be required for the installations.

**Irish Jones**  
**Senior Electrical Designer**

**Education**

5 years of college in Electrical Engineering – University of Texas at Arlington

**Professional Associations**

None

**Experience**

Mr. Jones serves as the senior electrical designer of Pivotal Engineering. He has over 40 years of experience in designing electrical installations (power distributions) for industrial and commercial applications of all magnitudes. He obtained his first Class A electrical license in 1967 in Georgia. Being an electrical contractor for over 40 years, Mr. Jones has developed an extensive experience in not only designing and laying out electrical designs, but also in supervising the installations in the construction phase. His expertise allows the team to provide the BEST and MOST ECONOMICAL Electrical Design for any facility. Due to his experience as an electrician and a

contractor, Pivotal will not need to depend on the In-plant electrician while conducting the electrical components field investigations.

**Darius Cook**  
**Project Manager**

**Education**

University of New Orleans, Civil/Environmental Engineering (BS in progress)

**Certifications**

LDEQ Asbestos Inspector; Asbestos Contractor/Supervisor; LDEQ Lead Inspector

Mr. Cook has 14 years' experience in Project Management of Architectural/Engineering Design and Environmental Inspection and Remediation projects. Mr. Cook's experience includes management of minor residential repair projects to new construction utilizing CDBG and FEMA funding.

### 3.4 Experiences with Similar Projects

Pivotal Engineering team includes senior Electrical, Mechanical, Civil and Environmental engineers and technicians with extensive experience. Additional experience includes asbestos and lead inspections and the development of abatement plans. Pivotal is routinely retained by Fortune 500 companies and government agencies to provide compliance solutions. The following is a brief summary of the team's experience:

#### (1) JP Public Works Warehouse Jefferson Parish, LA

Pivotal Engineering was retained by Jefferson Parish Department of Engineering to provide engineering services for JP Public Works Warehouse. The engineering scope was to provide mechanical & plumbing, electrical, and civil engineering services for the new warehouse facility in Bridge City for Jefferson Parish, Louisiana.

#### (2) Ames (Collins Elementary) Montessori School Renovations and Expansion, Jefferson Parish, LA

This project consisted of renovating an existing portion of the school (Kitchen and Cafeteria) and adding a new 30,000 sq ft wing for classrooms. Pivotal's scope was to provide full MEP design services.

Pivotal personnel were very instrumental in saving Jefferson Parish School Board a \$250,000.00 unexpected Change Order to remove the newly installed 6" Fire Main underground during the Construction Phase and replacing it by an 8" line as requested by the Parish engineering department. Although the civil engineering portion of the work was not part of our scope, the school board contacted Mr. Mekari, currently Pivotal's MEP project manager and asked him if he can look into this issue and resolve it. Mr. Mekari then discovered that the original Civil Engineer bid set showed a 6" underground Fire Line however, his permit set was modified to an 8" Fire Line as demanded by the Parish. Not only the change order was very costly but it was going to delay the school

from opening on time which can cause a huge logistical problems to the board.

Pivotal's personnel "stepped up to the plate" and were able to prove to the Jefferson Parish Engineering Department that a 6" line would be sufficient although their permit documents that was submitted by the previous Civil Engineer called for an 8" fire line to be installed. Consequently, Mr. Mekari demonstrated and convinced Jefferson Parish Engineers after several meetings with back up hydraulic calculations and he was able to obtain an actual letter from the NFPA referring to code exceptions for this project that a 6" line would be acceptable by code. Not only this resulted in saving of \$250,000.00 but it also allowed the schedule to be met and the school to open in time.

Another setback in the civil design was also discovered by our team as well in the civil scope three weeks before construction completion and school opening date. The previous Civil Engineer had the wrong slope and invert measurements on the main sewer line thus, the newly installed school sewer line did not have enough slope to tie in to the city sewer line. To resolve this problem, Mr. Mekari recommended a lift station which was the only feasible option. The usual delivery date for a lift station is 6 weeks; however, Pivotal's staff was able to design and locate a temporary lift station to be installed. The lift station was designed, ordered, delivered and installed within that same week and school was able to open on time. Again, this shows the due diligence of our staff and their engineering capabilities.

Our main scope summary consisted of:

- HVAC consisted of RTUs and Splits with Hot Gas Reheat for better humidity control (275 tons)
- Automatic Sprinkler System
- PA System
- CCTV system
- Plumbing
- Electrical Power Distribution and Lighting
- Fire Alarm

- Civil design value engineering

### **(3) Planters Pump Station, Jefferson Parish, LA**

Pivotal Engineering is retained by Jefferson Parish to provide engineering services, inspection and construction administration of Planters drainage Pump Stations. The scope of engineering services associated with this project includes the removal and replacement of diesel engines, exhaust silencers, process controls and instrumentations, miscellaneous piping and electrical, installation of air cooled heat exchangers, and refurbishment of gear box for drainage pumps of No. 1, 2, 3 and 4.

### **(4) Cleveland & Avron Sewer Lift Station Rehabilitation, Jefferson Parish, LA**

Pivotal was retained by Jefferson Parish to replace the existing submersible pumps with new submersible pumps with Premium Efficiency Motors and Variable Frequency Drives (VFD) as well as new controls, piping, and valves. 3-15HP pumps will be replaced with 2-25Hp Pumps.

### **(5) Elmwood & Citrus Lift Station, Jefferson Parish, LA**

Pivotal Engineering is retained by Jefferson Parish to provide engineering services, inspection and construction administration of Elmwood and Citrus sewer lift station. The scope includes evaluation, preliminary and final design phase services for design and construction plan preparation of the Elmwood & Citrus Lift Station.

The Evaluation phase evaluated the feasible relocations of the existing sewer lift station within the parking lot and across Elmwood Park Blvd for the installation of the new lift station.

The proposed project includes abandoning existing dry well and pump-out structure, retrofit existing wet well to serve as a manhole, and design a new lift station including NEMA pumps, electrical, and controls required for the construction of the station. The new station

required a new 8' fiberglass wet well and valve pit.

### **(6) Joe Brown Memorial Recreational Facility, New Orleans, LA**

Pivotal's main engineering scope consisted of: **1)** Review MEP items in FEMA PWs, **2)** Add items that were missed by FEMA but are storm related, **3)** Provide budgets for PW items and the FEMA missed items, **4)** Meet with FEMA for scope alignment and agree on a strategy for new systems design, **5)** Prepare several mitigation design scenarios in order to meet ABFE or DFIRM elevations, **6)** Evaluate the Dry Proofing and Wet Proofing methodologies and present a design for both scenarios with benefit and cost analysis, **7)** Help client in making final decisions for the best hazard/flood mitigation approach after reviewing the cost and benefit, **8)** Decide if the system can be salvaged or total replacement (in Joe Brown, it was total replacement), **9)** Help client with FEMA negotiations by providing technical justifications for FEMA claims, **10)** Expedite engineering efforts to meet construction deadlines, **11)** Construction Administration.

### **(7) Lincoln Elementary School for the Arts New School Design, Jefferson Parish, LA**

Pivotal Engineering was retained by Jefferson Parish School Board to provide engineering services for Lincoln Elementary School. The school building is 85,000 square feet. Our scope was to provide the full MEP design services. The frame was a metal building and had one main community center, a 2 story library, kitchen, Cafeteria and classrooms. The construction budget was \$18,000,000.

The main scope consisted of:

- HVAC consisted of RTUs and Splits with Hot Gas Reheat (307 tons)
- A full Blow Building Management System with a manual bypass

- New fire Alarm System
- Automatic Sprinkler System
- PA System
- CCTV system
- Plumbing
- Electrical

#### **(8) R.J. Vial Elementary School Renovations, Paradis, LA**

As the prime consultant and Professional of Record, Pivotal designed the 20,000 sq. ft. classroom renovations to the existing layout. The main scope consisted of adding new fire walls, removing asbestos material, adding new VAV HVAC system, upgrading the electrical network to support the added loads, new lighting and Fire Alarm system.

#### **(9) East Bank Treatment Plant Upgrade, Jefferson Parish, LA**

The scope of work was to evaluate the existing Filter Press, MCCs and rehabilitate/replace the existing direct on-line motor starters for the filter presses with Variable Frequency Drives (VFDs) and provide the design packages to integrate the new wiring of the VFDs from the existing MCCs by using the existing Circuit Breakers. The project included replacing five sludge feed pumps and the associated piping and controls.

#### **(10) Transcontinental-Vineyard Lift Station, Jefferson Parish, LA**

Pivotal was retained by Jefferson Parish to perform electrical and control systems evaluation of the lift station and to propose recommended upgrades as needed for its safe and reliable operation. The lift station consisted mainly of a dry pit with (4) 400 Hp pumps, (1) 50 Hp pump and (1) 30 Hp pump. The MCC center was fed with 2 different 2500 A 480V, 3 phases, and 4 wires' feeders. A PLC inside the MCC provides the remote operation of the station and communicates the digital and analogue signals to the Parish SCADA system via radio signal.

The main upgrades as recommended by Pivotal were to reconfigure the incoming power distribution system in order to ensure more reliable power back up, install 2 VFDs for the 2 smaller motors, add an Automatic Transfer Switch to ensure that the station is fully redundant, replace the PLC since the existing one is obsolete and upgrade the control signals accordingly.

Another Pivotal scope was to produce a cost estimate for the recommended upgrades and present to the client.

#### **(11) Broadmoor Lift Station Improvements, City of Shreveport, LA**

Pivotal was retained by the City of Shreveport to provide A/E services for Broadmoor Lift Station Project. Pivotal was responsible for reviewing the existing plans provided by the Owner; develop preliminary and final design layout plans, mechanical plans and specifications, as required by local, city, federal or state agencies. Prior to Design, Pivotal personnel designed a new power supply and distribution center (600A, 480V, 3 phase Switch Gear with MCC & VFDs for the (3) new 100 HP pumps) as an upgrade to the facility's existing systems, PLC control and SCADA/Telemetry interface. Moreover, the scope required to add a secondary power supply (600A, 480 V, 3 phase) to the switch gear from a different feeder via an automatic transfer switch. In addition, Pivotal designed new 18" Mag flow meter in the existing below grade force main and new odor control system in order to eliminate the existing odor problems faced by the neighboring residents. Additional scope included sizing force mains, sizing and selecting pumps, design bypass pumping plan, rehabilitation of manholes, junction box, designing electrical panels and complete architectural improvements to the Lift Station. The project is currently in the Bid Phase. Once the project has been awarded to a contractor, Pivotal will be responsible for the Construction Management Services.



### **(12) Patriot Lift Station, Jefferson Parish, LA**

Pivotal was retained by Jefferson Parish to perform a full electrical design and specifications for a duplex lift station. The overall system consisted of a NEMA 4X self-standing main control panel/MCC, 240, 3 phases, 4 wires. The control panel also included logic to allow the pump motors to start/stop manually from the push bottoms at the panel or automatically via the PLC inside the panel. The PLC also controlled the levels at the well and the backup level system. All of the PLC digital and analogue inputs/outputs were also transmitted from the PLC to the Jefferson Parish SCADA system central facility via radio signal.

One of the main challenges Pivotal faced was the urgency to produce 100% stamped Construction Documents, a full specifications and a cost estimate in only 5 days. Pivotal was able to meet the stringent deadline. Another challenge was the lack of existing drawings, which required Pivotal to go to the site and verify available utilities/power and incorporate it into the design drawings. Again, Pivotal was able to do so within the 5 days' time frame and complete the project on time.

### **(13) Page & Longfellow Lift Station Improvements, Metairie, LA**

Pivotal was retained by Jefferson Parish to provide Construction Management for the Page & Longfellow Lift Station Improvements.

The project consisted of installation of a new power distribution system, valves, piping, pumps, and odor control system. Pivotal stationed a Resident Inspector for the entirety of construction. Pivotal's Resident Inspector was tasked with providing daily reports to document the Contractor's daily activities, project progress, and photo documentation to be provided to the client on a daily basis.

Pivotal was also responsible for providing review of Contractor Pay Applications, Change Order Requests, and RFIs in a timely.

### **(14) Veolia East Bank Treatment Plant New Orleans, LA**

Pivotal have been retained by Sewerage & Water Board with Veolia West North America – South to review the current mechanical and electrical design sketches and approve them for construction, and

provide 'redline' as-built drawings to update S&WB drawings files. The scope of work is to provide eight new floating Mixers (supplied by Praxair) and installs them on Train #1 of the Bio-reactor; including stainless steel oxygen supply piping and valve arrangements, safety handrails and mixer anchoring systems. It also installs eight new motor starters in the existing MCC and four VFDs for four of the mixers; and provides for communication with the plant's SCADA system for display of mixer status and control of the VFDs.

### **(15) Design Package #7- Post Katrina Lift/Pumping Stations Overall Upgrades; New Orleans S&WB, New Orleans, LA**

Pivotal was retained by New Orleans Sewerage & Water Board to provide engineering and design services, and upgrades and improvements to 9 lift stations. Pivotal served as the project Sub-Consultant Engineer of record for the upgrades and improvements of a total of 9 lift stations (Castle Manor, Gentilly Oaks, Pump Station #20, Alcee Fortier, City Park, Cerise, Lakeland Terrace, Amid & Oak Island pumping stations). The overall scope consisted of reviewing FEMA PWs, assess all damages in the field due to hurricane Katrina and compare with FEMA's recommended repairs/replacements and make necessary recommendations including additional damages that were not covered by FEMA while providing technical backups and explanations to why such damages were caused by Katrina. Pivotal provided preliminary design reports (one line diagrams) and developed plans and specifications for the equipment that needed to be replaced. The scope specifics consisted of replacing the old gear that was flooded since most of the stations were running on diesel pumps, adding new switch gear (480/277, 400 A), new main feeders, new sub-panels, incorporating new 3 way manual transfer

switch, supplying preliminary design reports to be reviewed by client while proposing new design recommendations, designing new circuits for all Scada panels among other control panels and conducting field visual and physical inspections while recommending what needed to be replaced.

#### **(16) Oakland Park WWTP & Purkins Corner WWTP Upgrades; King George County, VA**

Pivotal personnel have been retained by King George County to upgrade Oakland Park wastewater treatment Plant. Scope for these two extended aeration package plants include pilot study to determine operational and design requirements to achieve Chesapeake Bay nutrient limits and removal metals. The pilot study also identified design deficiencies, mechanical and electrical shortfalls that required design improvements. Scope of work for the engineering design included preliminary and final design for the identified improvements and assisting the Authority with DEQ negotiations for consent order. Design of requirement improvements have been completed is the two projects have been bid. Value engineering may be required before the planned improvements can be constructed. Improvements at the two wastewater treatment plants also included, energy efficiency, and flow equalization.

#### **(17) State Fair of Virginia Water Supply: Wastewater Pumping Station, Odor Control and 10,600 ft. of Dual (6" and 8" diameter) Force-main Design, State Fair of Virginia**

Pivotal personnel have been retained by The State Fair of Virginia to design and construct a stand-alone wastewater treatment plant with onsite dispersal or discharge to outfall for this project. The State Fair of Virginia event which hosts up to 400,000 people over an 11- day period was projected to generate 2,000,000 gallons of wastewater and a low flow of 300 gallons per day during much of the year when only the staff is at the site. Our personnel performed preliminary engineering including evaluation of available options for handling wastewater generated at the

State Fair grounds. These options included: designing and constructing a stand-alone wastewater treatment plant with onsite dispersal or discharge to outfall; pumping wastewater to Hanover County's Doswell wastewater treatment plant or to the Bear Island Paper effluent treatment plant. The option selected was pumping to the Doswell wastewater treatment plant via a dual force main system with a smaller 6" forcemain being used for the low flow periods and both the 6" and 8" force mains being used during the 11 days State Fair event. Ignatius was the lead design engineer and project manager for the pump station, dual forcemains and odor control. Odor control was provided at both the State of Virginia site and the Doswell WWTP. Our personnel completed the detailed design, obtained design approvals from the State, and were involved in preparing and negotiating delicate agreements for the sale of water and sewers supply services to the State Fair of Virginia by Hanover County via Caroline County.

#### **(18) Albert Cammon Middle School New Wing and Locker Room Additions, St. Rose, LA**

The main scope consisted of adding a total of 21,000 sqft to the existing school building. The new additions (2 buildings) consisted of a new locker room for boys and girls with new bathrooms. This locker room connects to the existing gymnasium. The second building consisted of a new classroom wing with 21 classrooms, an art room and a music center. Pivotal engineering was the prime and the professional of record on this job and handled all of the A/E disciplines in house. Some of our responsibilities consisted of meeting with the teachers to finalize the floor plan during the schematic phase and update the construction budget throughout the different phases to stay within client's budget. Since all of the A/E work was performed in our office, there were no conflicts between the disciplines which resulted in eliminating unnecessary change order during the construction phase. Other responsibilities consisted of conducting site construction meetings during the construction administrations, providing

meeting minutes, reviewing and approving pay applications.

Pivotal's scope summary consisted of:  
Architectural, MEP, Civil and Structural designs.

### **(19) MIMOSA Elementary School HVAC Systems Replacement, Luling, LA**

The scope consisted of removing all of the outdated DX

Split System HVAC units and replace them with a centralized 4 pipes chill water systems (2 – 150 tons screw type, air cooled chillers), update the Power Distribution Grid and increase its capacity to compensate for the increased power demand, change the hot water boilers and all related pumps, ventilate the classrooms as required by ASHRAE and IBC regulations and add few classrooms to the existing floor plans. The project was challenging do to the lack of existing as-built which made our task more difficult since we had to tie in to existing water system, power grid and sewer system. Our engineers performed detailed field inspections in order to determine how to integrate with existing utilities and avoid any potential conflicts. The project was completed without any change orders on time and within schedule.

In the long term, the new system designed will provide a cost savings of approximately \$10,000 - \$15,000 per year to the St. Charles School Board. Pivotal was also responsible for providing staff to conduct baseline, daily, and clearance asbestos air monitoring during the removal of asbestos piping.

Work scope summary consisted of: MEP, Electrical, Architectural, Structural, Civil and Environmental.

### **(20) NOFD Engine #36, Hurricane Katrina Repairs and Renovations, New Orleans, L**

The main scope on this Engine was to perform major repairs for flood damage incurred to the

building post hurricane Katrina. Our team reviewed the related PWs and all related costs and

provided engineering estimates for additional items that were not covered in the PWs but were eligible for FEMA funding. Such items were justified because they were either overlooked by FEMA and/or needed to be mediated for codes upgrades. The main project scope consisted of providing a new HVAC system, new standby generator, interior/exterior lighting, engine bay flooring, Fire Alarm system, Hot water boilers and heaters, plumbing fixtures and interior finishes.

Work summary consisted of: FEMA PW Review, Scoping, Architectural, Civil, Mechanical, Electrical and Plumbing Design Review, cost estimates and Construction Administration.

### **(21) Mosquito Control Department Aircraft Hangar Building Hurricane Katrina Repairs and Renovations, New Orleans, LA**

The Hangar is an 8,000 sq ft steel building. The main scope was to repair damages post Katrina and codes upgrades. The project work consisted of a new HVAC system, new power distribution system, new underground feeders and a new hangar door in order to meet the new V-Zone code upgrades, renovated offices, expanded mezzanine, interior/exterior lighting and additional structural bracing to sustain hurricane force winds.

One of the main significant accomplishments on this project was to convince and prove to the Louisiana State Fire Marshall that the Hangar does not need to be sprinkled. The owner was also pushing for the Hangar to be sprinkled since the other 2 neighboring hangars were sprinkled. Pivotal staff's efforts were very helpful to CNO since FEMA was not going to reimburse for the Sprinkler System. This accomplishment was made possible due to the close and swift coordination within Pivotal's Engineering team. This effort saved the city over \$500,000.00 since a new water tower would have had to be installed due to the lack of city water infrastructure in that area. Pivotal personnel also provided the CNO with a Comprehensive Damage Report to be reviewed by FEMA for repairs to or replacement of the existing facility. This report was a critical factor in substantiating the CNO's claim for additional



funding to repair the facility. Additionally, funding was to provide for additional above ground storage space and office renovations.

Work Summary consisted of: PWs review, scoping and providing new architectural, MEP, civil and structural designs, revising and updating cost estimates, providing technical arguments for the additional items that were eligible for federal reimbursement but not covered by FEMA.

## **(22) Parks & Parkways Buildings Hurricane Katrina Repairs and Renovations, New Orleans, LA**

The project scope consisted of performing repairs and renovations to multiple buildings for the Parks & Parkways department damaged by Katrina. The work was concentrated on the Administration Building, Approx. 3800 Sq. Ft. covering 2 Floors with an Attic Mechanical Room and an Annex Building approximately 5,000 sq.ft. covering 2 floors. The main work consisted of reviewing FEMA PWs, providing construction budget estimates, scope determination and alignment with FEMA PWs, design documents and construction administration.

Work summary consisted of: mainly MEP engineering designs (total HVAC replacement-total plumbing system replacement – total electrical replacement – new indoor/outdoor lighting).

## **Section 4: Past Performance with Public Agencies**

Pivotal Engineering is currently providing engineering and management services to many municipalities and state agencies in the region including State of Louisiana, City of New Orleans, Jefferson Parish, City of Shreveport, City of Kenner, St. Charles Parish, and St. John Parish. In testimony to our performance history we offer the following specific references:

- I. Neil Schneider, P.E. Director of Capital Projects, Jefferson Parish Dept. of Capital Projects, (504) 736-6833
- II. Mike Lockwood, P.E. Director of Sewerage, Jefferson Parish Dept. of Sewer, (504) 736-6661
- III. Mitchell Theriot, P.E. Director of Drainage, Jefferson Parish Dept. of Drainage, (504) 736-6751
- IV. Mark Drewes, PE; Director of Public Works; Jefferson Parish, Department of Engineering, (504) 736-6783
- V. Autumn Permenter, PE; Chief Engineer DPW, City of Shreveport; (318) 673-6026
- VI. Myra Alexis-Valentine, Grants Administer, St. John Parish, ( 985) 652-9569
- VII. Jean Todd; US Army Corps of Engineers, (901) 828 – 1503

Architectural and Engineering Services are also provided to private clients such as Entergy, Waste Management, and private developers.

Pivotal Engineering has in depth understanding of local, state, and federal governmental agencies procedures and regulations. Hence, to comply with expected project performance schedule, quality of work, and delivery of the projects on time Pivotal follows the best engineering practices:

### **▪ Approach to Agency Coordination:**

The Team will identify responsible agencies as early as practical. The Team will notify Jefferson Parish and address technically any issues of

concern regarding the project's scope, potential infrastructure, environmental, social, or economic impacts that could substantially delay or prevent an agency from granting a permit or other approval that is needed for the project. The team will assure that stakeholder agencies are fully engaged in the scoping of the project and the decisions regarding alternatives to be evaluated in detail in the design. The Team understands an agency's role in the development of the project and may include the following as they relate to areas of expertise:

- a. Provide meaningful and early input to address concerns and impacts.
- b. Identify issues that could substantially delay or prevent granting of permits/approvals.
- c. Identify opportunities for collaboration, including participating in coordination meetings and joint field reviews as appropriate.
- d. Provide timely compliance with review and comment on preliminary documents to reflect the views and concerns of their respective agencies, alternatives considered and anticipated impacts and mitigation.

### **▪ Competency, Responsiveness, Cost Control and Work Quality:**

As outlined in this Statement of Qualifications the Team not only presents a number of professional and support personnel available to perform these types of engineering tasks, but also demonstrates the breadth and diversity of the capabilities of the staff. Beyond this diversity of capabilities, the Team's key personnel staff has combined experience of greater than 500 years of experience in all phases of project delivery, including Survey, Architectural, Civil, Geotechnical, Mechanical, Electrical, Structural, Environmental Engineering, Construction Management, Construction Inspection and Program/Project Management. These professional qualifications include city, state, and federal certifications in safety, management, and a list of other certifications.

The integrated Team will provide a direct line of communication internally and to anyone who is a representative of Jefferson Parish to the assigned Project Principal and Manager. The integrated Team will provide cell lines as the first line of communication, followed by e-mail transmissions and office lines as last resorts. The Team will not let calls or e-mails go unanswered more than 24-hours and with this have seen huge success as it relates to our client's reliance on us as their consultant of choice.

Our management Team is comprised of experienced managers and task leaders with proven leadership, thoughtfully bringing together capable Team members with exceptional technical skills and supporting them with good QA/QC processes. Open lines of communication and weekly internal conference calls will ensure that the project is managed successfully within budget and on schedule.

Pivotal maintains a comprehensive program to ensure that our projects bring the most value to our clients and are of high quality. Each Pivotal project has a comprehensive QA/QC plan to make sure our procedures and documentation conforms to our corporate policies and our client's requirements. QA/QC is much more than providing reviews and checking computations. Quality is a mindset that is shared by every member of the Pivotal Team. It starts by clearly understanding expectations and making a commitment to meeting them every time with every deliverable. Each project review also includes some elements of internal value engineering. Our senior staff focuses not only on accuracy and completeness, but on value, optimization, simplicity, operations, maintenance, power cost, and constructability.

Our principals and staff have gained this experience not only through many years of providing services to this variety of clients on a very diverse portfolio of projects, but also through focused continuing education. Pivotal Engineering's principals and staff have all received accolades on their technical competence and knowledge of administering the contract plans and specifications per agency policy and procedure.

Pivotal believes that quality products and services result from having sound business practices, retaining talented staff, and focusing on being responsive to our client's needs. Our clients respect us for our philosophy of "doing the right things for the right reasons."

Quality is integrated into Pivotal's day-to-day business activities through our Quality Management System (QMS). The programs, policies, and business processes that comprise the QMS have four key elements:

- a. Management actively promotes quality in our business activities and defines responsibilities for maintaining a quality focus.
- b. Staff members are trained, available, and committed to providing quality services.
- c. Processes and procedures are in place that promotes quality in the delivery of our products and services.
- d. Continual improvement is achieved through performance measurement and identification of areas for improvement.

Pivotal's senior management demonstrates its commitment to quality through establishing responsibilities for quality at all levels of the company, from company principals to members of management to the project team. Responsibilities are documented in Pivotal's QA/QC Program procedures. These procedures define how Pivotal delivers products and services to our clients.

▪ **Capacity to Create and Lead Multi-Disciplinary Team:**

Personnel assigned to this project has extensive design experience with coastal restoration, stormwater management and green infrastructure, as well as a full range of technical and engineering capabilities required to successfully complete any streetscape, water-centric projects as needed by Jefferson Parish.

Pivotal Engineering's management team is comprised of experienced managers and task leaders with proven leadership, thoughtfully bringing together capable Team members with exceptional technical skills and supporting them with good QA/QC processes. Open lines of communication and weekly internal conference calls will ensure that the project is managed successfully, within budget and schedule.

- **Team's Ability to Meet Schedules and Deadlines:**

The Team has the required technical personnel to assure Jefferson Parish that all work will be performed in accordance to the contract scope of work and in strict conformance with the latest codes, guidelines and standards. The Team has the manpower, equipment, and expertise to execute any given project within a reasonable time frame. The Team is comprised of Companies that have a reputation of project delivery both on time and within budget.

- **Approach to Coordinating Project Delivery Tasks:**

The Team will use an Integrated Project Delivery (IPD) approach that integrates staff, systems, team company's structures, and professional practices into a process that collaboratively harnesses the talents and insights of all participants to optimize project results, increase value to the owner and the community, reduces waste, and maximize efficiency through all phases of design, bid, and construction.

The Integrated Project Delivery assembles a team that is committed to collaborative processes and is capable of working together effectively. In order to accomplish this, the Principal Project Manager will:

- a. Identify the Team's roles that are most important to the project.
- b. Consider interests and seek involvement of select additional parties, such as agency

official(s), local utility companies, and other stakeholders.

- c. Define, in a mutually understandable fashion, the values, goals, interests and objectives of the project to the larger program goals.

- d. Identify the Team's organizational and business structure best suited to IPD that is consistent with the Team's capacity and constraints. The choice should not be rigidly bound to traditional project delivery methods but should be flexibly adapted to the project.

- e. Develop project agreement(s) to define the roles and accountability of the Team members. The project agreements should be synchronized to assure that company's roles and responsibilities are defined identically in all agreements and are consistent with the agreed Team organizational and business models. Key provisions regarding compensation, obligation, and risk allocation will be clearly defined and should encourage open communication and collaboration.

- **Experience in creating and working with multi-disciplinary project delivery teams:**

Pivotal Engineering's management Team is comprised of experienced managers and task leaders with proven leadership, thoughtfully bringing together capable Team members with exceptional technical skills and supporting them with good QA/QC processes. Open lines of communication and weekly internal conference calls will ensure that the project is managed successfully, within budget and schedule.

Pivotal's approach to the assigned project includes integrated and comprehensive engineering services that include facility inventories, development of design criteria, assessment of major engineering components, preparation of specifications, and plans and associated construction cost.

- **Outreach Methods used in the past projects:**

Pivotal Engineering Team has worked closely with Jefferson Parish and other parishes throughout the state of Louisiana coordinating inputs from government agencies, stakeholders and community groups. The outreach was conducted through agencies collaboration meetings, workshops for stakeholders regarding design and management, and community meetings to disseminate the plan for community feedback. The Team understands making this process as extensive as possible will help with community buy-in for green infrastructure implementation and make the implementation of regulations for the betterment of the environment.

#### **Section 5: Team's Current Workload**

The Team has the required technical personnel to assure Jefferson Parish that all work will be performed in accordance to the contract scope of work and in strict conformance with the latest Codes, guidelines and standards. The Team has the manpower, equipment, and expertise to execute any given project within a reasonable time frame. The Team is composed of companies that have a reputation of project delivery both on time and within budget.

## **Appendix A**

### **TEC Professional Services Questionnaire Pivotal Engineering, LLC**

## **TEC Professional Services Questionnaire**

### **A. Project Name and Advertisement Resolution Number:**

Provide Professional Architectural and Engineering Services On An As-Needed Basis for Architectural Type Projects Located Throughout the Parish

Resolution No. 136764

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

Pivotal Engineering, LLC  
3925 N. I-10 Service Rd. West, Suite 109R  
Metairie, LA 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:**

Avinash Mehta, P.E., Principal  
3925 N. I-10 Service Rd. West, Suite 109R  
Metairie, LA 70002  
(504) 799-3653

### **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.**

Avinash Mehta, P.E., Principal  
3925 N. I-10 Service Rd. West, Suite 109R  
Metairie, LA 70002  
(504) 799-3653

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

<u>0</u> Administrative	<u>1</u> Estimators	<u>0</u> Specification Writers
<u>1</u> Architects (Licensed)	<u>0</u> Geologists	<u>0</u> Structural Engineers
<u>0</u> Chemical Engineers	<u>0</u> Geotechnical Engineers	<u>0</u> Graduate Engineers
<u>3</u> Civil Engineers	<u>0</u> Interior Designers	<u>1</u> Project Managers
<u>8</u> Construction Inspectors	<u>0</u> Landscape Architects	<u>1</u> Clerical
<u>0</u> Ecologists	<u>0</u> Land Surveyor	<u>0</u> Grant/Funding Specialist
<u>2</u> Electrical Engineers	<u>2</u> Mechanical Engineers	<u>0</u> Sanitary Engineers
<u>2</u> Engineer Intern	<u>1</u> Environmental Engineers	
<u>0</u> Professional Land Surveyors		<u>21</u> <b>TOTAL</b>

**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.

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.**

<b>Name &amp; Address:</b>	<b>Specialty:</b>	<b>Worked with Firm Before (Yes or No):</b>

**J. Please specify the total number of support personnel that may assist in the completion of this Project:**  
\_\_\_\_\_15\_\_\_\_\_



### **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:**

Avinash Mehta, P.E., Principal

**Project Assignment:**

Principal In Charge - Client Relations

**Name of Firm with which associated:**

Pivotal Engineering, LLC

**Years' experience with this Firm:**

8

**Education: Degree(s)/Year/Specialization:**

M.S. / 2003 / Civil Engineering  
B.S. / 2000 / Civil Engineering

**Active registration: Year first registered/discipline:**

2009 / Civil Engineering / 35100

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

- Jefferson Parish East Bank WWTP, Harahan, LA
- Planters Pump Station, Jefferson Parish, LA
- Elmwood & Cirtus Lift Station, Jefferson Parish, LA
- Joe Brown Memorial Recreational Facility, New Orleans, LA
- Lincoln Elementary School for the Arts New School Design, Jefferson Parish, LA
- R.J. Vial Elementary School Renovations, Jefferson Parish, LA

Mr. Mehta serves as a Principal of Pivotal Engineering. Mr. Mehta has over 14 years of experience managing Civil and Environmental Engineering projects including project budget, schedule and scope, coordination of resources, business development and client liaison activities. His experience includes the process and design, drainage design permitting, wastewater system design, potable water system design and conceptual planning and design for coastal restoration projects.

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Yoseph Shifare, P.E.
<b>Project Assignment:</b>
Project Director
<b>Name of Firm with which associated:</b>
Pivotal Engineering, LLC
<b>Years' experience with this Firm:</b>
8
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. / 2001 / Civil Engineering M.S. / 2014 / Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
2018 / Civil Engineering / PE #42747
<b>Other experience and qualifications relevant to the proposed Project:</b>
<ul style="list-style-type: none"><li>Jefferson Parish East Bank WWTP; Harahan, LA</li><li>Ames Montessori School, Jefferson Parish, LA</li><li>Planters Pump Station, Jefferson Parish, LA</li><li>Cleveland &amp; Avron Sewer Lift Station Rehabilitation, Jefferson Parish, LA</li><li>Elmwood &amp; Citrus Lift Station, Jefferson Parish, LA</li><li>CC-1 Lift Station Upgrade: St Charles Parish DPW; Luling, LA</li><li>Joe Brown Memorial Recreational Facility, New Orleans, LA</li></ul>
<b>Experience includes:</b> Mr. Shifare serves as a Project Director of Pivotal Engineering in charge of Civil/Transportation engineering projects. He has over 17 years engineering, project and construction management experience for public infrastructures, industrial, commercial and private facilities. As a project director he designs, leads and manages the day to day efforts of engineers on projects that include roadway, traffic, drainage/storm water management, water and wastewater, and landfills. Mr. Shifare is responsible to client liaison, manage the strategic aspects of project engagement, review high-level project deliverables, provides leadership, project accounting and ensures the engineering practice meets or exceeds industry standard.

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Bassam Mekari, P.E., Principal
<b>Project Assignment:</b>
Principal In Charge – MEP Project Manager
<b>Name of Firm with which associated:</b>
Pivotal Engineering, LLC
<b>Years' experience with this Firm:</b>
8
<b>Education: Degree(s)/Year/Specialization:</b>
BS /1987 / Electrical Engineering
<b>Active registration: Year first registered/discipline:</b>
2005 / Electrical Engineering
<b>Other experience and qualifications relevant to the proposed Project:</b>
<ul style="list-style-type: none"><li>• Jefferson Parish East Bank WWTP; Harahan, LA</li><li>• Patriot Lift Station Jefferson Parish, LA</li><li>• Transcontinental – Vineland Lift Station ,Jefferson Parish ,LA</li><li>• Cleveland &amp; Avron Sewer Lift Station, Jefferson Parish, LA</li><li>• New Orleans East Bank WWTP, New Orleans, LA</li><li>• Lincoln Elementary School for the Arts, Jefferson Parish, LA</li><li>• Broadmoor Lift Station, Shreveport, LA</li><li>• R.J. Vial Elementary School Renovations, Paradis, LA</li><li>• Albert Cammon Elementary School, St. Charles Parish, LA</li><li>• Joe Brown Recreational Facility, New Orleans, LA</li><li>• Delgado Main Auditorium, New Orleans, LA</li></ul>
<b>Experience includes:</b>
Mr. Mekari serves as the principal of Pivotal Engineering and the Engineering Manager in charge of all of the electrical and mechanical engineering projects. He has over 25 years of experience in Electrical and Mechanical Systems Design & Installations. He has designed and installed Electrical Distribution Systems for commercial and industrial facilities that range from 13.8KV down to 120/208, managed and designed mechanical and

electrical systems for lift stations, Schools, Justice Centers and Police Stations. He designed/built electrical mechanical installations throughout the US and worldwide. Mr. Mekari has designed over 100 electrical and mechanical systems and will be instrumental in the overall design evaluation, improvements and value engineering. Mr. Mekari's forte is creating innovative designs while exceeding client expectations and keeping track of budget. One of the many examples is Ames (Collins) Elementary School where Mr. Mekari was able to save Jefferson Parish School Board a \$250k change order by proving and convincing the parish engineer not to replace the 6" subsurface fire hydrant pipe around the school perimeter with an 8". As a result, not only he saved the Parish 1/4 of million dollar change order but the school was able to open on time for the semester.

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Tarek Elnaggar, P.E., Principal
<b>Project Assignment:</b>
Civil/Environmental Engineer
<b>Name of Firm with which associated:</b>
Pivotal Engineering, LLC
<b>Years' experience with this Firm:</b>
8
<b>Education: Degree(s)/Year/Specialization:</b>
M.S. / 1988 / Civil-Environmental Engineering B.S. / 1985 / Civil-Environmental Engineering
<b>Active registration: Year first registered/discipline:</b>
1990 / Civil/ Environmental Engineering Texas/Civil / Environmental Engineering /85089 Mississippi / Civil/Environmental Engineering/14839 New Mexico / Civil/Environmental Engineering/15032 Colorado/Civil / Environmental Engineering/39440
<b>Other experience and qualifications relevant to the proposed Project:</b>
<ul style="list-style-type: none"><li>• JP Public Works Warehouse; Jefferson Parish, LA</li><li>• Jefferson Parish East Bank WWTP; Harahan, LA</li><li>• Transcontinental-Vineyard Lift Station; Jefferson Parish, LA</li><li>• Cleveland &amp; Avron Sewer Lift Station Rehabilitation; Jefferson Parish, LA</li><li>• Planters Pump Station; Jefferson Parish, LA</li></ul>
<b>Experience includes:</b> Mr. Elnaggar serves as a Principal of Pivotal Engineering LLC. He is the lead civil and environmental engineer for the company. His experience includes design and construction management for civil and environmental projects including water main extensions, water permitting and compliance with DHH, risk assessments, air permitting and compliance, emission inventories and reporting, groundwater investigations, regulatory compliance, environmental process design, permitting, and water and waste treatment system design.

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Johnny Mekari, P.E., Sr. Electrical Engineer
<b>Project Assignment:</b>
Sr. Electrical Engineer and Project Manager
<b>Name of Firm with which associated:</b>
Pivotal Engineering, LLC
<b>Years' experience with this Firm:</b>
5
<b>Education: Degree(s)/Year/Specialization:</b>
BS /1987 / Electrical Engineering
<b>Active registration: Year first registered/discipline:</b>
1993 / Electrical Engineering
<b>Other experience and qualifications relevant to the proposed Project:</b>
<ul style="list-style-type: none"><li>• JP Public Works Warehouse; Jefferson Parish, LA</li><li>• Jefferson Parish East Bank WWTP; Harahan, LA</li><li>• Transcontinental-Vineyard Lift Station; Jefferson Parish, LA</li><li>• Cleveland &amp; Avron Sewer Lift Station Rehabilitation; Jefferson Parish, LA</li><li>• Planters Pump Station; Jefferson Parish, LA</li><li>• Jefferson Parish East Bank WWTP; Harahan, LA</li></ul>
<b>Experience includes:</b>
<p>Mr. Johnny Mekari serves as the Senior Electrical Engineer for Pivotal Engineering. Mr. Mekari offers more than 26 years of experience in the electrical engineering field which has involved responsibility for the preparation of project budgets and schedules, management of production to meet budget and schedules, management of quality control and advisor to production staff. Work responsibilities have included engineering management, project management, project engineering, lead engineer, supervision, planning and quality control. Mr. Mekari offers not only the technical expertise for electrical projects but also project management experience.</p>

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
James Amodeo, P.E., Sr. Mechanical Engineer
<b>Project Assignment:</b>
MEP Sr. Engineer
<b>Name of Firm with which associated:</b>
Pivotal Engineering, LLC
<b>Years' experience with this Firm:</b>
8
<b>Education: Degree(s)/Year/Specialization:</b>
BS /1994 / Mechanical Engineering
<b>Active registration: Year first registered/discipline:</b>
2011 / Mechanical Engineering
<b>Other experience and qualifications relevant to the proposed Project:</b>
<ul style="list-style-type: none"><li>• Jefferson Parish East Bank WWTP; Harahan, LA</li><li>• Patriot Lift Station Jefferson Parish, LA</li><li>• Cleveland &amp; Avron Sewer Lift Station, Jefferson Parish, LA</li><li>• Lincoln Elementary School for the Arts, Jefferson Parish, LA</li><li>• Broadmoor Lift Station, Shreveport, LA</li><li>• R.J. Vial Elementary School Renovations, Paradis, LA</li><li>• Albert Cammon Elementary School, St. Charles Parish, LA</li><li>• Joe Brown Recreational Facility, New Orleans, LA</li><li>• Delgado Main Auditorium, New Orleans, LA</li></ul>
<b>Experience includes:</b> Mr. Amodeo serves as the Senior Mechanical Engineer for Pivotal Engineering. Mr. Amodeo has more than 25 years of experience in the analysis, design and project construction management for various types of building mechanical systems, plumbing design, and code compliance. Some of the main facilities that Mr. Amodeo designed mechanical systems for are restaurants, schools, hospitals, clinics, fire stations, theaters, shopping centers, office buildings, industrial facilities, lift stations and police stations. Mr. Amodeo is very familiar with Jefferson Parish mechanical rules and regulations and has the ability to provide optimal designs while meeting clients' expectations.  Mr. Amodeo will be responsible for all mechanical and plumbing design, review of all applicable code requirements, methodologies and design recommendations and schematics.



## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Sundiata Marcelin, P.E.
<b>Project Assignment:</b>
Civil Project Engineer
<b>Name of Firm with which associated:</b>
Pivotal Engineering, LLC
<b>Years' experience with this Firm:</b>
1
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. / 2004 / Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
2004 / Civil Engineering/ 38589
<b>Other experience and qualifications relevant to the proposed Project:</b>
<ul style="list-style-type: none"><li>• Sewer Pump Station Testing; New Orleans, Louisiana</li><li>• Jefferson Parish East Bank WWTP</li><li>• Planters Drainage Pump Station</li></ul> <p>Mr. Marcellin serves as a Project Civil Engineer at Pivotal Engineering. He has over 10 years of experience in Civil &amp; Structural Engineering &amp; Construction Management. Mr. Marcelin is also experienced with FEA Analysis and Structural Analysis, Hazard Mitigation Design &amp; Residential and Commercial Design &amp; Permitting.</p>



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>	
<b>Name &amp; Title:</b>	
Bryan B. Smith, P.E., Environmental Project Engineer	
<b>Project Assignment:</b>	
Environmental Engineer	
<b>Name of Firm with which associated:</b>	
Pivotal Engineering, LLC	
<b>Years' experience with this Firm:</b>	
3	
<b>Education: Degree(s)/Year/Specialization:</b>	
BS / 2011 / Environmental Engineering MS / 2014 / Civil and Environmental Engineering	
<b>Active registration: Year first registered/discipline:</b>	
2015 / Environmental / PE # 43843	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<ul style="list-style-type: none"><li>• JP Public Works Warehouse; Jefferson Parish, LA</li><li>• Planters Pump Station; Jefferson Parish, LA</li><li>• Cleveland &amp; Avron Lift Station Rehabilitation; Jefferson Parish, LA Elmwood &amp; Citrus Lift Station Station; Jefferson Parish, LA</li></ul>	
<b>Experience includes:</b>	
<p>Mr. Smith serves as a project engineer at Pivotal Engineering, LLC in support of civil and environmental engineering projects. His projects range from public to private sector and require effort in both the field and the office. He has experience in infrastructure design, project management, permitting, field sampling, flow rate testing and laboratory analysis.</p>	

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Eliot Guerin, E.I., Project Engineer
<b>Project Assignment:</b>
Civil Engineer
<b>Name of Firm with which associated:</b>
Pivotal Engineering, L.L.C.
<b>Years' experience with this Firm:</b>
2
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. / 2018 / Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
2018 E.I./Civil Engineering Texas EIT 63617
<b>Other experience and qualifications relevant to the proposed Project:</b>
<ul style="list-style-type: none"><li>• JP Public Works Warehouse; Jefferson Parish, LA</li><li>• Planters Pump Station; Jefferson Parish, LA</li><li>• Cleveland &amp; Avron Lift Station Rehabilitation; Jefferson Parish, LA</li><li>• Elmwood &amp; Citrus Lift Station Station; Jefferson Parish, LA</li></ul> <p><b>Experience includes:</b></p> <p>Mr. Guerin is a civil engineer with 2 years of experience at Pivotal Engineering, focusing on roadway, sanitary sewer, and storm drainage design. So far, he has done design in these areas for several projects which span municipal utilities to school infrastructure. He has also contributed drafting work, estimation, and contract preparation for Pivotal Engineering. In addition, Mr. Guerin has 6 months of experience at Zachry Group over the course of two internships, one of which was at an active construction site, and contributed a significant amount of estimating work for new power plant construction during this tenure.</p>

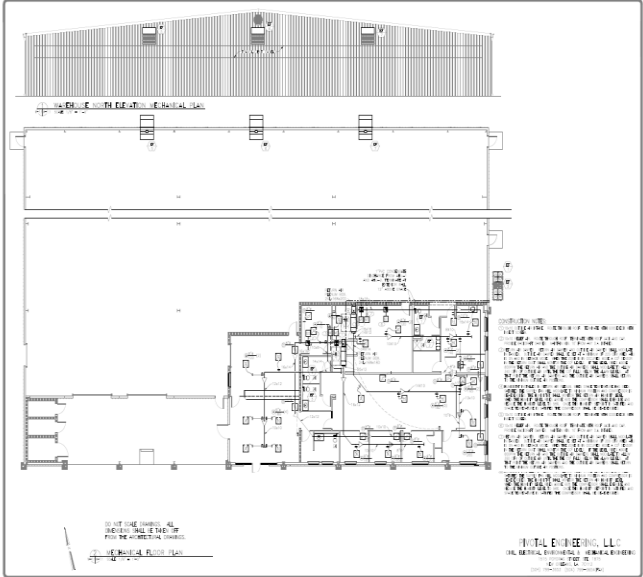
## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Irish Jones, Sr. Electrical Designer
<b>Project Assignment:</b>
Sr. Electrical Designer
<b>Name of Firm with which associated:</b>
Pivotal Engineering, LLC
<b>Years' experience with this Firm:</b>
8
<b>Education: Degree(s)/Year/Specialization:</b>
N/A
<b>Active registration: Year first registered/discipline:</b>
2014/Building and Electrical General Contractor
<b>Other experience and qualifications relevant to the proposed Project:</b>
<ul style="list-style-type: none"><li>• JP Public Works Warehouse, Jefferson Parish, LA</li><li>• Planters Pump Station; Jefferson Parish, LA</li><li>• Lincoln Elementary School for the Arts, Jefferson Parish, LA</li><li>• R.J. Vial Elementary School Renovations, Paradis, LA</li><li>• Joe Brown Recreational Facility, New Orleans, LA</li></ul>
<b>Experience includes:</b>
<p>Mr. Jones serves as the Senior Electrical Designer for Pivotal Engineering. Mr. Jones has more than 45 years of experience in the analysis, design and project construction management for various types of building electrical systems and code compliance. Some of the main facilities that Mr. Jones designed electrical systems for are restaurants, schools, hospitals, clinics, fire stations, theaters, shopping centers, office buildings, industrial facilities, lift stations and police stations. Due to his field experience as a General Contractor and as a licensed Electrical Contractor, Mr. Jones is capable of providing optimal designs which results in substantial savings to clients. Mr. Jones is very familiar with Jefferson Parish electrical rules and regulations and has the ability to provide optimal designs while meeting clients' expectations.</p> <p>Mr. Jones will be responsible for all electrical design, review of all applicable code requirements, methodologies and design recommendations and schematics</p>


## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Darius Cook, Construction Manager
<b>Project Assignment:</b>
Lead Site Inspector/Construction Manager
<b>Name of Firm with which associated:</b>
Pivotal Engineering, LLC
<b>Years' experience with this Firm:</b>
8
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. / in progress / Civil-Environmental Engineering
<b>Active registration: Year first registered/discipline:</b>
None
<b>Other experience and qualifications relevant to the proposed Project:</b>
<ul style="list-style-type: none"><li>• Joe Brown Memorial Recreational Facility; New Orleans, LA</li><li>• Lincoln Elementary School for the Arts New School Design; Jefferson Parish, LA</li><li>• R.J. Vial Elementary School Renovations; Paradis, LA</li></ul> <p><b>Experience includes:</b></p> <p>Mr. Cook serves as the Construction Manager of Pivotal Engineering. Mr. Cook is responsible for overseeing the construction activities of the project; preparing daily dairy reports of the construction activities; keeping daily, weekly and monthly quantities for the job cost tracking; meeting with contractor and owner's representatives to discuss job progress, concerns, and project milestone dates and contract time and scope; interacting with the client to make sure all concerns and needs are addressed.</p>

## TEC Professional Services Questionnaire

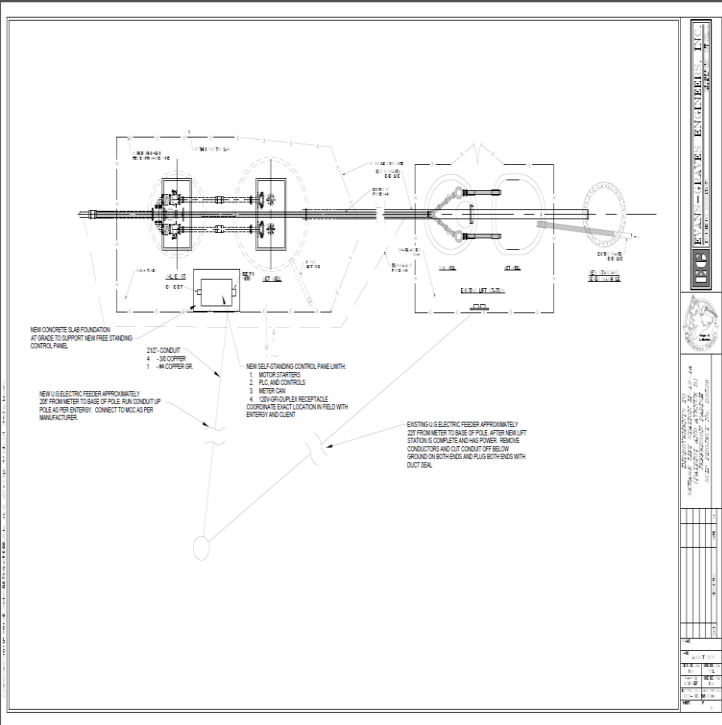
<b>PROJECT NO. 1</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>JP Public Works Warehouse Jefferson Parish, LA</p> <p>Jefferson Parish Dept. of Engineering 1221 Elmwood Park Blvd., Suite 802 Jefferson, LA 70123 (504) 736-6505</p> <div style="text-align: center;">  </div>	<p>Pivotal Engineering was retained by Jefferson Parish Department of Engineering to provide engineering services for JP Public Works Warehouse. The engineering scope was to provide mechanical &amp; plumbing, electrical, and civil engineering services for the new warehouse facility in Bridge City for Jefferson Parish, Louisiana.</p> <p>JP Public Works Warehouse project is ongoing and it is on 100% completion ready to be announced to bid.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	\$75,000	\$75,000

## TEC Professional Services Questionnaire


<b>PROJECT NO. 2</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Ames (Collins Elementary) Montessori School Jefferson Parish, LA</p> <p>Jefferson Parish School Board Scott Adams (504) 349 8595</p> <div style="text-align: center; margin-top: 20px;">  </div>	<p>This project consisted of renovating an existing portion of the school (Kitchen and Cafeteria) and adding a new 30,000 sq ft wing for classrooms. Pivotal's scope was to provide full MEP design services and Construction Management.</p> <p>Our engineers were <u>very instrumental</u> in saving Jefferson Parish School Board a \$250,000.00 unexpected Change Order to remove the newly installed 6" Fire Main underground during the Construction Phase and replacing it by an 8" line as requested by the Parish engineering department. Although the civil engineering portion of the work was not part of our scope, the school board contacted Mr. Mekari, Pivotal's MEP project manager and asked him if he can look into this issue and resolve it. Mr. Mekari then discovered that the original Civil Engineer bid set showed a 6" underground Fire Line however, his permit set was modified to an 8" Fire Line as demanded by the Parish. Not only the change order was very costly but it was going to delay the school from opening on time which can cause a huge logistical problem to the board.</p> <p>Pivotal's engineers "stepped up to the plate" and were able to prove to the Jefferson Parish Engineering Department that a 6" line would be sufficient although their permit documents that was submitted by the previous Civil Engineer called for an 8" fire line to be installed. Consequently, Mr. Mekari demonstrated and convinced Jefferson Parish Engineers after several meetings with back up hydraulic calculations and he was able to obtain an actual letter from the NFPA referring to code exceptions for this project that a 6" line would be acceptable by code. Not only this resulted in saving of \$250,000.00 but it also allowed the schedule to be met and the school to open in time.</p> <p>After proving that a 6" line would be acceptable, Pivotal took control of all Construction Management services by planning, coordinating, and controlling construction from start to finish.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2013	\$5,000,000	\$800,000



## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>						
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>					
<p>Patriot Lift Station; Jefferson Parish, LA</p> <p>Linda Daly, Director Jefferson Parish Department of Sewer 1221 Yenni Building, Suite 803 Jefferson, LA 70123 (504) 736-6661</p>	<ul style="list-style-type: none"> <li>Perform a full electrical design and specifications for a duplex lift station (Patriot) for Jefferson Parish.</li> </ul> <p>The overall system consisted of a NEMA 4X self - standing main control panel/MCC, 240, 3 phases, 4 wires. The control panel also included logic to allow the pump motors to start/stop manually from the push bottoms at the panel or automatically via the PLC inside the panel. The PLC also controlled the levels at the well and the backup level system. All of the PLC digital and analogue inputs/outputs were also transmitted from the PLC to the Jefferson Parish SCADA system central facility via radio signal.</p> <p>One of the main challenges Pivotal faced was the urgency to produce 100% stamped Construction Documents, a full specifications and a cost estimate in only 5 days. Pivotal was able to meet the stringent deadline. Another challenge was the lack of existing drawings, which required Pivotal to go to the site and verify available utilities/power and incorporate it into the design drawings. Again, Pivotal was able to do so within the 5 days' time frame and complete the project on time.</p>					
						
<p style="text-align: center;"><b>Completion Date (Actual or estimated):</b></p> <p style="text-align: center;">2015</p>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; padding: 5px; text-align: center;"><b>Entire Project:</b></th> <th style="width: 50%; padding: 5px; text-align: center;"><b>Work for which Firm was Responsible:</b></th> </tr> </thead> <tbody> <tr> <td style="width: 50%; text-align: center; padding: 10px;">\$1,000,000</td> <td style="width: 50%; text-align: center; padding: 10px;">\$500,000</td> </tr> </tbody> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	\$1,000,000	\$500,000
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\$1,000,000	\$500,000					

## TEC Professional Services Questionnaire

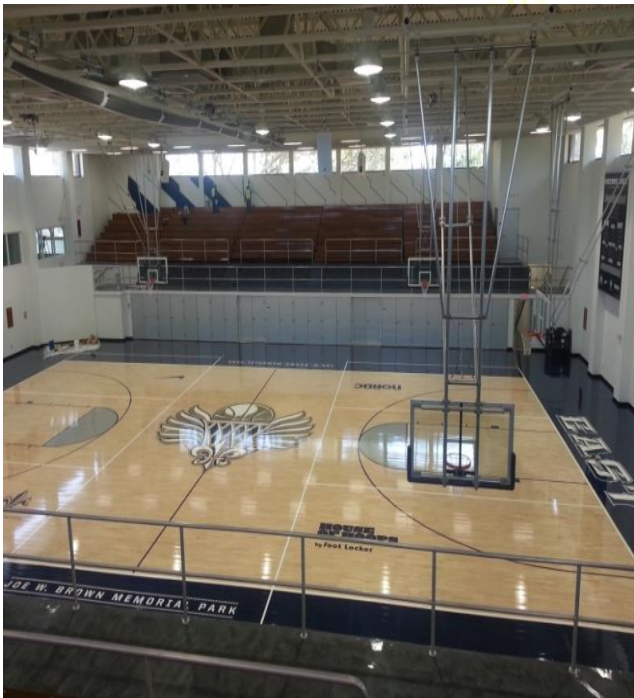
<b>PROJECT NO. 4</b>						
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>					
<p>Cleveland &amp; Avron Sewer Lift Station Rehabilitation Jefferson Parish, LA</p> <p>Sid Trouard, P.E. Jefferson Parish 1221 Yenni Building, Suite 803 Jefferson, LA 70123 (504) 736-6386</p> <div style="text-align: center; margin-top: 20px;">  </div>	<ul style="list-style-type: none"> <li>Reconstruction</li> </ul> <p>Pivotal was retained by Jefferson Parish to replace the existing submersible pumps with new submersible pumps with Premium Efficiency Motors and Variable Frequency Drives (VFD) as well as new controls, piping, and valves. 3-15HP pumps will be replaced with 2-25Hp Pumps.</p>					
<p style="text-align: center;"><b>Completion Date (Actual or estimated):</b></p>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px; text-align: center;"><b>Entire Project:</b></th> <th style="width: 50%; padding: 5px; text-align: center;"><b>Work for which Firm was Responsible:</b></th> </tr> <tr> <td style="width: 50%; text-align: center; padding: 10px;">2020</td> <td style="width: 50%; text-align: center; padding: 10px;"> <div style="display: flex; justify-content: space-around;"> <span>\$500,000</span> <span>\$30,000</span> </div> </td> </tr> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	2020	<div style="display: flex; justify-content: space-around;"> <span>\$500,000</span> <span>\$30,000</span> </div>
<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>					
2020	<div style="display: flex; justify-content: space-around;"> <span>\$500,000</span> <span>\$30,000</span> </div>					




## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>								
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>							
<p>Design Package #7- Post Katrina Lift/Pumping Stations Overall Upgrades; New Orleans S&amp;WB, New Orleans, LA</p> <p>New Orleans S&amp;WB Mr. Khalid Saleh, Ph.D (504) 865-0667</p>	<ul style="list-style-type: none"> <li>Engineering, design, upgrades and improvements of a total of 9 lift stations.</li> </ul> <p>Pivotal served as the project Sub-Consultant Engineer of record for the upgrades and improvements of a total of 9 lift stations (Castle Manor, Gentilly Oaks, Pump Station #20, Alcee Fortier, City Park, Cerise, Lakeland Terrace, Amid &amp; Oak Island pumping stations). The overall scope consisted of reviewing FEMA PWs, assess all damages in the field due to hurricane Katrina and compare with FEMA's recommended repairs/replacements and make necessary recommendations including additional damages that were not covered by FEMA while providing technical backups and explanations to why such damages were caused by Katrina. Pivotal provided preliminary design reports (one line diagrams) and developed plans and specifications for the equipment that needed to be replaced. The scope specifics consisted of replacing the old gear that was flooded since most of the stations were running on diesel pumps, adding new switch gear (480/277, 400 A), new main feeders, new sub-panels, incorporating new 3 way manual transfer switch, supplying preliminary design reports to be reviewed by client while proposing new design recommendations, designing new circuits for all Scada panels among other control panels and conducting field visual and physical inspections while recommending what needed to be replaced.</p>							
<p style="text-align: center;"><b>Completion Date (Actual or estimated):</b></p>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px; text-align: center;"><b>Entire Project:</b></th> <th style="width: 50%; padding: 5px; text-align: center;"><b>Work for which Firm was Responsible:</b></th> </tr> <tr> <td style="width: 50%; text-align: center; padding: 5px;">2010</td> <td style="width: 50%; text-align: center; padding: 5px;"> <table> <tr> <td style="width: 50%; text-align: center; padding: 5px;">\$1,000,000</td> <td style="width: 50%; text-align: center; padding: 5px;">\$1,000,000</td> </tr> </table> </td> </tr> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	2010	<table> <tr> <td style="width: 50%; text-align: center; padding: 5px;">\$1,000,000</td> <td style="width: 50%; text-align: center; padding: 5px;">\$1,000,000</td> </tr> </table>	\$1,000,000	\$1,000,000
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\$1,000,000	\$1,000,000							



## TEC Professional Services Questionnaire

<b>PROJECT NO. 6</b>									
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>								
<p>Joe W. Brown Memorial Recreational Facility New Orleans, LA</p> <p>Roger Bailey and Associates Architects Roger Bailey (504) 957-6691</p>	<p>This project was funded by FEMA, CDBG, Bond and NIKE with a construction value of \$5 million (See Photo). It had several design challenges and a very compressed design and construction schedule. On top of the compressed schedule, some other challenges that the design team faced were responding to several changes in design direction during the Construction Document (CD) preparation phase). Such changes resulted due to directive orders from Capital Projects since City was not being able to get a timely resolution from FEMA on approving additional funding for Alternate Items that were not in the PW but were Katrina damaged. Regardless of the design changes which resulted in producing 3 different set of construction documents, the final Bid Documents schedule was still met due to Pivotal's capability of swiftly responding to any change mandated by the client.</p> <p>Our main engineering scope consisted of: <b>1)</b> Review MEP items in FEMA PWs, <b>2)</b> Add items that were missed by FEMA but are storm related, <b>3)</b> Provide budgets for PW items and the FEMA missed items, <b>4)</b> Meet with FEMA for scope alignment and agree on a strategy for new systems design, <b>5)</b> Prepare several mitigation design scenarios in order to meet ABFE or DFIRM elevations, <b>6)</b> Evaluate the Dry Proofing and Wet Proofing methodologies and present a design for both scenarios with benefit and cost analysis, <b>7)</b> Help client in making final decisions for the best hazard/flood mitigation approach after reviewing the cost and benefit, <b>8)</b> Decide if the system can be salvaged or total replacement (in Joe Brown, it was total replacement), <b>9)</b> Help client with FEMA negotiations by providing technical justifications for FEMA claims, <b>10)</b> Expedite engineering efforts to meet construction deadlines, <b>11)</b> Construction Administration.</p>								
									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center; padding: 5px;"><b>Estimated Cost:</b></th> </tr> <tr> <th style="width: 50%; padding: 5px; text-align: center;"><b>Entire Project:</b></th> <th style="width: 50%; padding: 5px; text-align: center;"><b>Work for which Firm was Responsible:</b></th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 10px;">2013</td> <td style="text-align: center; padding: 10px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 10px;">\$5,000,0000</td> <td style="width: 50%; text-align: center; padding: 10px;">\$2,000,000</td> </tr> </table> </td> </tr> </tbody> </table>		<b>Estimated Cost:</b>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	2013	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 10px;">\$5,000,0000</td> <td style="width: 50%; text-align: center; padding: 10px;">\$2,000,000</td> </tr> </table>	\$5,000,0000
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\$5,000,0000	\$2,000,000								

## TEC Professional Services Questionnaire

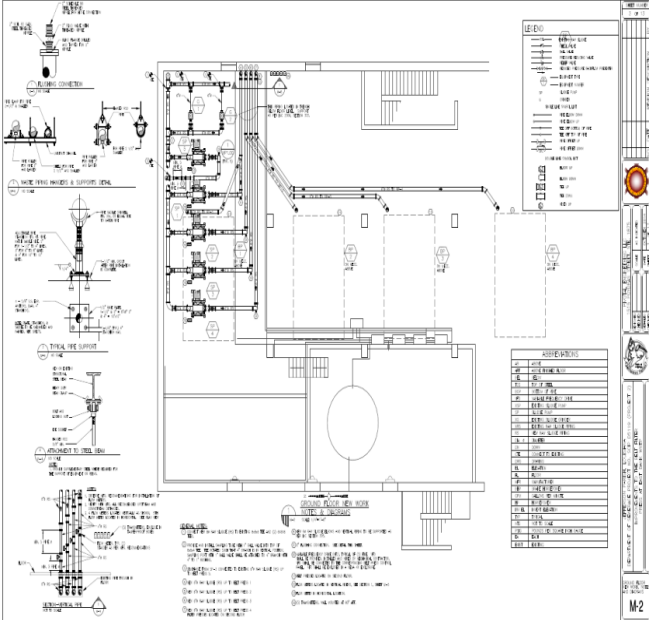
<b>PROJECT NO. 7</b>								
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>							
<p>Lincoln Elementary School for the Arts New School Design Jefferson Parish, LA</p> <p>Jefferson Parish School Board Scott Adams (504) 349-8595</p> <div style="text-align: center;">  </div>	<ul style="list-style-type: none"> <li>Scoping Mechanical, Electrical, and Plumbing Design</li> <li>Construction Management</li> </ul> <p>Pivotal Engineering was retained by Jefferson Parish School Board to provide engineering services for Lincoln Elementary School. The school building is 85,000 square feet. Our scope was to provide the full MEP design services. The frame was a metal building and had one main community center, a 2 story library, kitchen, Cafeteria and classrooms. The construction budget was \$18,000,000.</p> <p>The main scope consisted of:</p> <ul style="list-style-type: none"> <li>HVAC consisted of RTUs and Splits with Hot Gas Reheat (307 tons)</li> <li>A full Blow Building Management System with a manual bypass</li> <li>New fire Alarm System</li> <li>Automatic Sprinkler System</li> <li>PA System</li> <li>CCTV system</li> <li>Plumbing</li> <li>Electrical</li> </ul>							
<b>Completion Date (Actual or estimated):</b>	<div style="text-align: center;"><b>Estimated Cost:</b></div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px; text-align: center;"><b>Entire Project:</b></th> <th style="width: 50%; padding: 5px; text-align: center;"><b>Work for which Firm was Responsible:</b></th> </tr> <tr> <td style="text-align: center; padding: 10px;">2013</td> <td style="text-align: center; padding: 10px;"> <table> <tr> <td style="width: 50%; text-align: center; padding: 10px;">\$18,000,000</td> <td style="width: 50%; text-align: center; padding: 10px;">\$6,000,000</td> </tr> </table> </td> </tr> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	2013	<table> <tr> <td style="width: 50%; text-align: center; padding: 10px;">\$18,000,000</td> <td style="width: 50%; text-align: center; padding: 10px;">\$6,000,000</td> </tr> </table>	\$18,000,000	\$6,000,000
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\$18,000,000	\$6,000,000							

## TEC Professional Services Questionnaire

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>R.J. Vial Elementary School Renovations Paradis, LA</p> <p>St. Charles Parish John Rome (985) 785-6289</p>	<p>As the prime consultant and Professional of Record, Pivotal designed the 20,000 sq. ft. classroom renovations to the existing layout. The main scope consisted of adding new fire walls, removing asbestos material, adding new VAV HVAC system, upgrading the electrical network to support the added loads, new lighting and Fire Alarm system.</p>	
		
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2013	\$1,900,000	\$1,900,000



## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>						
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>					
<p>East Bank Treatment Plant Upgrade, Jefferson Parish, LA</p> <p>Brett Todd, Director Jefferson Parish Department of Sewer 1221 Yenni Building, Suite 803 Jefferson, LA70123 (504) 736-6661</p> 	<ul style="list-style-type: none"> <li>Rehabilitation of Filter Presses</li> <li>Replacing Sludge Feed Pumps, Piping, Electrical Panels, Polymer Feed System</li> <li>Construction Inspections</li> </ul> <p>The scope of work was to evaluate the existing Filter Press, MCCs and rehabilitate/replace the existing direct on-line motor starters for the filter presses with Variable Frequency Drives (VFDs) and provide the design packages to integrate the new wiring of the VFDs from the existing MCCs by using the existing Circuit Breakers. The project included replacing five sludge feed pumps and the associated piping and controls.</p>					
<p style="text-align: center;"><b>Completion Date (Actual or estimated):</b></p> <p style="text-align: center;">2015</p>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; padding: 5px; text-align: center;"><b>Entire Project:</b></th> <th style="width: 50%; padding: 5px; text-align: center;"><b>Work for which Firm was Responsible:</b></th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 10px;">\$3,600,000</td> <td style="text-align: center; padding: 10px;">\$3,600,000</td> </tr> </tbody> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	\$3,600,000	\$3,600,000
<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>					
\$3,600,000	\$3,600,000					

## TEC Professional Services Questionnaire

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>Transcontinental-Vineyard Lift Station; Jefferson Parish, LA</p> <p>Linda Daly, Director Jefferson Parish Department of Sewer 1221 Yenni Building, Suite 803 Jefferson, LA 70123 (504) 736-6661</p>	<ul style="list-style-type: none"> <li>Perform electrical and control systems evaluation of the lift station and to propose recommended upgrades as needed for its safe and reliable operation.</li> </ul> <p>The lift station consisted mainly of a dry pit with (4) 400 Hp pumps, (1) 50 Hp pump and (1) 30 Hp pump. The MCC center was fed with 2 different 2500 A 480V, 3 phases, and 4 wires' feeders. A PLC inside the MCC provides the remote operation of the station and communicates the digital and analogue signals to the Parish SCADA system via radio signal.</p> <p>The main upgrades as recommended by Pivotal were to reconfigure the incoming power distribution system in order to ensure more reliable power back up, install 2 VFDs for the 2 smaller motors, add an Automatic Transfer Switch to ensure that the station is fully redundant, replace the PLC since the existing one is obsolete and upgrade the control signals accordingly.</p> <p>Another Pivotal scope was to produce a cost estimate for the recommended upgrades and present to the client.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2016	\$1,000,000	\$400,000

## **TEC Professional Services Questionnaire**

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

<b>Parties:</b>		<b>Status/Result of Case:</b>
<b>Plaintiff:</b>	<b>Defendant:</b>	
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.**

### **PIVOTAL ENGINEERING, LLC**

**Pivotal Engineering, LLC** is a full service engineering design firm based in New Orleans, Louisiana. Pivotal has established a reputation for providing superior service to its clients and delivering quality work on time and within budget. Pivotal's principals and staff have in excess of 200 years of combined experience in civil engineering, mechanical engineering, electrical engineering, environmental engineering and program/project management for both public and private entities across the Gulf South Region. The current staff of Pivotal has extensive experience managing a variety of complex projects, from conception to construction.

Pivotal is a certified Small Business Enterprise with both the Small Business Administration and City of New Orleans. Furthermore, Pivotal has been certified as a Disadvantaged Business Enterprise by the City of New Orleans, Sewerage and Water Board of New Orleans, the New Orleans Aviation Board and Harrah's Casino. Pivotal Engineering is also certified by the Louisiana Department of Economic Development as a Small Entrepreneurship SE (Hudson Initiative) firm.

### **MINIMUM REQUIREMENTS**

- 1. Persons or firms shall have at least (1) principal who is a licensed, registered architect or a professional engineer in the State of Louisiana;**
- 2. Persons or firms shall have a professional in charge of the Project who is a licensed, registered architect in Louisiana with a minimum of five (5) years' experience;**
- 3. Persons or firms shall have one (1) employee who is a licensed, registered architect or professional**

**engineer in the State of Louisiana in the applicable discipline involved. A subcontractor may meet this requirement only if the advertised Project involves more than one discipline.**

**Avinash Mehta, P.E.**

MS/2003/Civil Engineering; BS/Civil Engineering

Louisiana Civil Engineer, P.E. #0035100

**Bassam Mekari, P.E.**

BS/1987/Electrical Engineering P.E. #31801

**Terry Elnaggar, P.E.**

M.S./1988/Civil Engineering; B.S./1985/Civil Engineering

Louisiana Civil Engineer, P.E., #0023832

Louisiana Environmental Engineer, P.E., #0023832

## **PRIMARY EVALUATION CRITERIA**

### **(1) “Professional training and experience in relation to the type of work required for architectural and engineering services.”**

The **Pivotal** Engineering staff members that will be assigned to this contract have extensive, specialized experience in Engineering Design and Construction Management for Private Entities, and Government and Municipal Agencies in the Gulf South area. Our Principals and Staff have gained this experience not only through many years of providing services to this variety of clients on a very diverse portfolio of projects, but also through focused continuing education. Pivotal Engineering’s principals and staff have all been given accolades on their technical competence and knowledge of administering the contract plans and specifications per agency policy and procedure.

Our management team is comprised of experienced managers and task leaders with proven leadership, thoughtfully bringing together capable team members with exceptional technical skills, and supporting them with good QA/QC processes. Open lines of communication and weekly internal conference calls will ensure that the project is managed successfully, within budget and schedule.

Our Team is committed to defining the project and setting expectations as our first step toward making that project a success. We as a team will apply various techniques for project estimation and cost control including:

- Set Expectations Early, Review Often
- Planning the Project Budget
- Keeping Track of Costs
- Establishing a Communication Plan
- Effective Time Management
- Project Change Control
- Use of Earned Value to Monitor Both Cost and Schedule

Our integrated team will provide an optimized concurrent engineering environment that provides an opportunity to substantially reduce the total cost of a project. Benefits of our integrated team with members of various skilled disciplines



enable a simultaneous contribution to an early project definition and increase the likelihood of a reduced lifecycle cost by avoiding costly alterations later in the design process.

Pivotal Engineering, LLC is not nor has ever been in any litigation/ disqualified with the Jefferson Parish or any other state and federal agencies, within the past five (5) years, because of our performance.

**(2) “Size of firm considering the number of professional and support personnel required to perform the type of architectural or engineering tasks, including project evaluation, project design, drafting or technical plans, development of technical specifications, and construction administration.”**

As outlined in this Statement of Qualifications Pivotal not only presents the number of professional and support personnel available to perform this type of engineering tasks, but also demonstrates the breadth and diversity of the capabilities of the staff. Beyond this diversity of capabilities, Pivotal Engineering’s Environmental, Planning, Design and Inspection staff has combined experience of greater than 200 years of experience in all phases of project delivery, including electrical, civil, mechanical, environmental, planning, management, design, and construction supervision experience. Professional qualifications include city, state, and federal certifications in safety, management, and a list of other certifications. The Pivotal drafting team is well versed in a variety of software including CIVIL 3D, HEC RAS, H2O MAP and Arc GIS. We ask that you note the resumes included herein for further information.

**(3) “Capacity of timely completion of newly assigned work, considering the factors of type of architectural or engineering task, current unfinished workload, and person or firm’s available professional and support personnel.”**

Pivotal Engineering has a depth of technical capabilities and expertise to complete the assigned work in a timely manner. We have the needed technical personnel to assure the Parish that all work will be performed in accordance to the contract scope of work and in strict conformance with the latest City guidelines and standards. Pivotal has the manpower, equipment, and expertise to execute any given project within a reasonable time frame. Pivotal staff has a reputation of project delivery both on time and within budget. Pivotal Engineering’s current workload will allow for quick assignment of technical resources to the project at hand. The firm has the required management and field personnel readily available to begin the necessary services upon written notification.

Historically, Pivotal has provided a direct line of communication to anyone who is a representative of the client to the assigned Project Principal and Manager. It has been our goal to make communication a priority. We’ve provided cell lines as the first line of communication, followed by e-mail transmissions and office lines as last resorts. We do not let calls or e-mails go unanswered more than 24-hours and with this have seen huge success as it relates to our client’s reliance on us as their consultant of choice.

- **Approach to Agency Coordination:**

The Pivotal Team will identify responsible agencies as early as practical. The Team will notify the Jefferson Parish and address technically any issues of concern regarding the project’s scope, potential infrastructure, environmental, social, or economic impacts that could substantially delay or prevent an agency from granting a permit or other approval that is needed for the project. The team will assure that agencies are fully engaged in the scoping of the project and the decisions regarding alternatives to be evaluated in detail in the design.

The Team understands an agency’s role in the development of the project and may include the following as they relate to areas of expertise:

1. Provide meaningful and early input to address concerns and impacts.
2. Identify issues that could substantially delay or prevent granting of permits/approvals.
3. Identify opportunities for collaboration, including participating in coordination meetings and joint field reviews, as appropriate.

4. Provide timely compliance with review and comment on preliminary documents to reflect the views and concerns of their respective agencies, alternatives considered and anticipated impacts and mitigation.

- **Approach To Coordinating Project Delivery Tasks:**

The Team will use an Integrated Project Delivery (IPD) approach that integrates staff, systems, team company's structures and professional practices into a process that collaboratively harnesses the talents and insights of all participants to optimize project results, increase value to the owner, to the community, reduce waste, and maximize efficiency through all phases of design, bid, and construction.

The Integrated Project Delivery is assembling a team that is committed to collaborative processes and is capable of working together effectively. In order to accomplish this, Principal project manager will:

1. Identify the Team's roles that are most important to the project.
2. Consider interests and seek involvement of select additional parties, such as agency official(s), local utility companies, and other stakeholders.
3. Define in a mutually understandable fashion the values, goals, interests and objectives of the project to the larger program goals.
4. Identify the Team's organizational and business structure best suited to IPD that is consistent with the Team's capacity and constraints. The choice should not be rigidly bound to traditional project delivery methods, but should be flexibly adapted to the project.
5. Develop project agreement(s) to define the roles and accountability of the Team members. The project agreements should be synchronized to assure that company's roles and responsibilities are defined identically in all agreements and are consistent with the agreed Team organizational and business models. Key provisions regarding compensation, obligation and risk allocation will be clearly defined and should encourage open communication and collaboration.

**(4) "Past performance by person or firm on projects of or similar comparable, size, scope, and scale. Assertions of fault by a person or firm, which shall include time delays, cost over-runs, and or design inadequacies in prior work completed for the Parish shall be evidenced by substantiating documentation provided by the Director of Public Works for the requesting department or the Director of Engineering and received by the Chairman of the Evaluation Committee a minimum of two (2) weeks prior to the scheduled date of the Technical Evaluation Committee Meeting."**

Pivotal Engineering has a history of providing lift station design, facility and building design, wastewater, street, water, and drainage design and construction administration services to many municipalities and state agencies in the region including; The City of New Orleans, The City of Shreveport, Sewerage and Water Board, The City of Kenner, St. Charles, St. John and Jefferson Parishes. These services have also been provided to private clients such as Entergy and Waste Management. Pivotal Engineering has in depth understanding of local, state, and federal governmental agencies procedures and regulations. The scope of work on which our staff has worked on includes: water treatment plant improvements, master planning, elevated storage tank designs, sewer treatment plant upgrades, lift stations, build/repair streets, sidewalks, bike paths, drainage systems and utilities. Our engineers have great track records with helping our clients meet compressed deadlines yet delivering the project within budget. Pivotal personnel have heavy construction background capabilities and have several construction inspectors with extensive experience on board.

Our staff has proven excellence in managing projects from cradle to grave while providing value engineering which saved our clients hundreds of thousands of dollars. Our staff was essential in helping the city of New Orleans expediting its recovery post Katrina by handling and completing over 50 critical FEMA funded projects. Our staff has extensive experience in managing multi-million dollar projects and programs for public infrastructure and CDBG disaster recovery.

The following is a brief summary of the team's experience:

### **(1) JP Public Works Warehouse Jefferson Parish, LA**

Pivotal Engineering was retained by Jefferson Parish Department of Engineering to provide engineering services for JP Public Works Warehouse. The engineering scope was to provide mechanical & plumbing, electrical, and civil engineering services for the new warehouse facility in Bridge City for Jefferson Parish, Louisiana.

### **(2) Ames (Collins Elementary) Montessori School Renovations and Expansion, Jefferson Parish, LA**

This project consisted of renovating an existing portion of the school (Kitchen and Cafeteria) and adding a new 30,000 sq ft wing for classrooms. Pivotal's scope was to provide full MEP design services.

Pivotal personnel were very instrumental in saving Jefferson Parish School Board a \$250,000.00 unexpected Change Order to remove the newly installed 6" Fire Main underground during the Construction Phase and replacing it by an 8" line as requested by the Parish engineering department. Although the civil engineering portion of the work was not part of our scope, the school board contacted Mr. Mekari, currently Pivotal's MEP project manager and asked him if he can look into this issue and resolve it. Mr. Mekari then discovered that the original Civil Engineer bid set showed a 6" underground Fire Line however, his permit set was modified to an 8" Fire Line as demanded by the Parish. Not only the change order was very costly but it was going to delay the school from opening on time which can cause a huge logistical problems to the board.

Pivotal's personnel "stepped up to the plate" and were able to prove to the Jefferson Parish Engineering Department that a 6" line would be sufficient although their permit documents that was submitted by the previous Civil Engineer called for an 8" fire line to be installed. Consequently, Mr. Mekari demonstrated and convinced Jefferson Parish Engineers after several meetings with back up hydraulic calculations and he was able to obtain an actual letter from the NFPA referring to code exceptions for this project that a 6" line would be acceptable by code. Not only this resulted in saving of \$250,000.00 but it also allowed the schedule to be met and the school to open in time.

Another setback in the civil design was also discovered by our team as well in the civil scope three weeks before construction completion and school opening date. The previous Civil Engineer had the wrong slope and invert measurements on the main sewer line thus, the newly installed school sewer line did not have enough slope to tie in to the city sewer line. To resolve this problem, Mr. Mekari recommended a lift station which was the only feasible option. The usual delivery date for a lift station is 6 weeks; however, Pivotal's staff was able to design and locate a temporary lift station to be installed. The lift station was designed, ordered, delivered and installed within that same week and school was able to open on time. Again, this shows the due diligence of our staff and their engineering capabilities.

Our main scope summary consisted of:

- HVAC consisted of RTUs and Splits with Hot Gas Reheat for better humidity control (275 tons)
- Automatic Sprinkler System
- PA System
- CCTV system
- Plumbing
- Electrical Power Distribution and Lighting
- Fire Alarm
- Civil design value engineering

### **(3) Planters Pump Station, Jefferson Parish, LA**

Pivotal Engineering is retained by Jefferson Parish to provide engineering services, inspection and construction administration of Planters drainage Pump Stations. The scope of engineering services associated with this project includes the removal and replacement of diesel engines, exhaust silencers, process controls and instrumentations, miscellaneous piping and electrical, installation of air cooled heat exchangers, and refurbishment of gear box for drainage pumps of No. 1, 2, 3 and 4.

### **(4) Cleveland & Avron Sewer Lift Station Rehabilitation, Jefferson Parish, LA**

Pivotal was retained by Jefferson Parish to replace the existing submersible pumps with new submersible pumps with Premium Efficiency Motors and Variable Frequency Drives (VFD) as well as new controls, piping, and valves. 3-15HP pumps will be replaced with 2-25Hp Pumps.

### **(5) Elmwood & Citrus Lift Station, Jefferson Parish, LA**

Pivotal Engineering is retained by Jefferson Parish to provide engineering services, inspection and construction administration of Elmwood and Citrus sewer lift station. The scope includes evaluation, preliminary and final design phase services for design and construction plan preparation of the Elmwood & Citrus Lift Station.

The Evaluation phase evaluated the feasible relocations of the existing sewer lift station within the parking lot and across Elmwood Park Blvd for the installation of the new lift station.

The proposed project includes abandoning existing dry well and pump-out structure, retrofit existing wet well to serve as a manhole, and design a new lift station including NEMA pumps, electrical, and controls required for the construction of the station. The new station required a new 8' fiberglass wet well and valve pit.

### **(6) Joe Brown Memorial Recreational Facility, New Orleans, LA**

Pivotal's main engineering scope consisted of: **1)** Review MEP items in FEMA PWs, **2)** Add items that were missed by FEMA but are storm related, **3)** Provide budgets for PW items and the FEMA missed items, **4)** Meet with FEMA for scope alignment and agree on a strategy for new systems design, **5)** Prepare several mitigation design scenarios in order to meet ABFE or DFIRM elevations, **6)** Evaluate the Dry Proofing and Wet Proofing methodologies and present a design for both scenarios with benefit and cost analysis, **7)** Help client in making final decisions for the best hazard/flood mitigation approach after reviewing the cost and benefit, **8)** Decide if the system can be salvaged or total replacement (in Joe Brown, it was total replacement), **9)** Help client with FEMA negotiations by providing technical justifications for FEMA claims, **10)** Expedite engineering efforts to meet construction deadlines, **11)** Construction Administration.

### **(7) Lincoln Elementary School for the Arts New School Design, Jefferson Parish, LA**

Pivotal Engineering was retained by Jefferson Parish School Board to provide engineering services for Lincoln Elementary School. The school building is 85,000 square feet. Our scope was to provide the full MEP design services. The frame was a metal building and had one main community center, a 2 story library, kitchen, Cafeteria and classrooms. The construction budget was \$18,000,000.

The main scope consisted of:

- HVAC consisted of RTUs and Splits with Hot Gas Reheat (307 tons)
- A full Blow Building Management System with a manual bypass
- New fire Alarm System
- Automatic Sprinkler System
- PA System
- CCTV system
- Plumbing
- Electrical

#### **(8) R.J. Vial Elementary School Renovations, Paradis, LA**

As the prime consultant and Professional of Record, Pivotal designed the 20,000 sq. ft. classroom renovations to the existing layout. The main scope consisted of adding new fire walls, removing asbestos material, adding new VAV HVAC system, upgrading the electrical network to support the added loads, new lighting and Fire Alarm system.

#### **(9) East Bank Treatment Plant Upgrade, Jefferson Parish, LA**

The scope of work was to evaluate the existing Filter Press, MCCs and rehabilitate/replace the existing direct on-line motor starters for the filter presses with Variable Frequency Drives (VFDs) and provide the design packages to integrate the new wiring of the VFDs from the existing MCCs by using the existing Circuit Breakers. The project included replacing five sludge feed pumps and the associated piping and controls.

#### **(10) Transcontinental-Vineyard Lift Station, Jefferson Parish, LA**

Pivotal was retained by Jefferson Parish to perform electrical and control systems evaluation of the lift station and to propose recommended upgrades as needed for its safe and reliable operation. The lift station consisted mainly of a dry pit with (4) 400 Hp pumps, (1) 50 Hp pump and (1) 30 Hp pump. The MCC center was fed with 2 different 2500 A 480V, 3 phases, and 4 wires' feeders. A PLC inside the MCC provides the remote operation of the station and communicates the digital and analogue signals to the Parish SCADA system via radio signal.

The main upgrades as recommended by Pivotal were to reconfigure the incoming power distribution system in order to ensure more reliable power back up, install 2 VFDs for the 2 smaller motors, add an Automatic Transfer Switch to ensure that the station is fully redundant, replace the PLC since the existing one is obsolete and upgrade the control signals accordingly.

Another Pivotal scope was to produce a cost estimate for the recommended upgrades and present to the client.

#### **(5) "Location of the principal office where work will be performed. Preference shall be given to persons or firms with a principal business office at which the work will be performed."**

Pivotal Engineering, LLC is located in Jefferson Parish at 3925 N. I-10 Service Rd. West, Suite 109R, Metairie, LA 70002. This shall prove to be a valuable asset to Jefferson Parish as our staff can be at the Parish's office at moment's notice to attend critical meetings.

#### **(6) "Adversarial legal proceedings between the Parish and the person or firm performing professional services, in which the Parish prevailed or any ongoing adversarial legal proceedings between the Parish and the person or firm performing professional services."**

Pivotal Engineering, LLC is not, nor has it ever been, involved in any litigation with the Jefferson Parish or any other



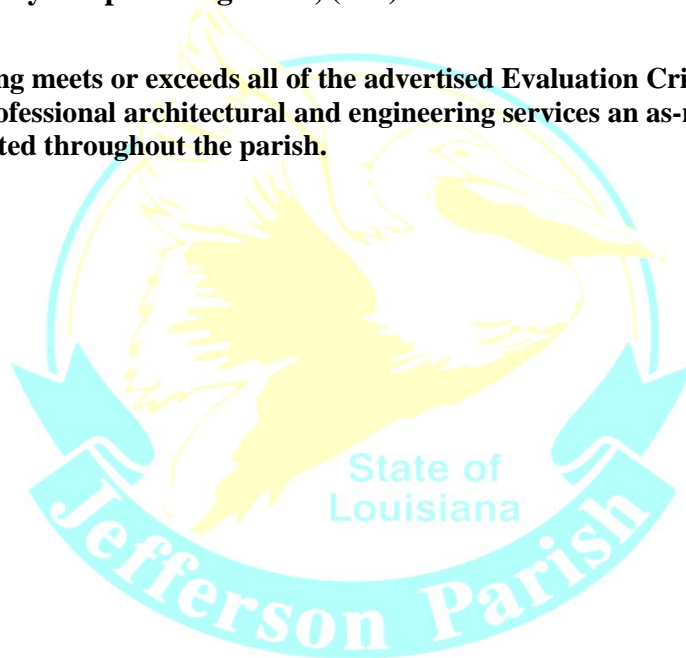
Parish/State/Federal agencies.

**(7) Prior successful completion of projects of the type and nature of the architectural or engineering services, as defined, for which firm has provided verifiable references.”**

In testimony to our performance history we offer the following specific reference for contact:

- I. Neil Schneider, P.E. Director of Capital Projects, Jefferson Parish Dept. of Capital Projects, (504) 736-6833**
- II. Mike Lockwood, P.E. Director of Sewerage, Jefferson Parish Dept. of Sewer, (504) 736-6661**
- III. Mitchell Theriot, P.E. Director of Drainage, Jefferson Parish Dept. of Drainage, (504) 736-6751**
- IV. Mark Drewes, PE; Director of Public Works; Jefferson Parish, Department of Engineering, (504) 736-6783**
- V. Autumn Permenter, PE; Chief Engineer DPW, City of Shreveport; (318) 673-6026**
- VI. Myra Alexis-Valentine, Grants Administer, St. John Parish, ( 985) 652-9569**
- VII. Jean Todd; US Army Corps of Engineers, (901) 828 – 1503**

**In summary, Pivotal Engineering meets or exceeds all of the advertised Evaluation Criteria for this Request for Qualifications for providing professional architectural and engineering services an as-needed basis for architectural type projects located throughout the parish.**



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

**Signature:** Avinash Mehta, PE **Print Name:** Avinash Mehta, PE

**Title:** Principal In Charge **Date:** 01/15/21

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

**As-Needed Architectural and Engineering Services**

Resolution No. 136764

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



**Infinity Engineering Consultants, LLC**

4001 Division Street

Metairie, LA 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:**

**Raoul V. Chauvin, III, P.E.**

Principal

504-304-0548

rchauvin@infinityec.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.**

**William J. Thomassie, P.E.**

Principal

504-304-0548

wthomassie@infinityec.com

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

<u>5</u> Administrative	<u>      </u> Estimators	<u>      </u> Specification Writers
<u>      </u> Architects (Licensed)	<u>      </u> Geologists	<u>4</u> Structural Engineers
<u>      </u> Chemical Engineers	<u>      </u> Geotechnical Engineers	<u>      </u> Graduate Engineers
<u>7</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
<u>4</u> Electrical Engineers	<u>5</u> Mechanical Engineers	<u>      </u> Specialist
<u>      </u> Engineer Intern	<u>      </u> Environmental Engineers	<u>      </u> Sanitary Engineers
<u>      </u> Professional Land Surveyors	<u>9</u> Drafting/Designers	<u>34</u> <b>TOTAL</b>

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

## TEC Professional Services Questionnaire

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

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

1.

2.

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

YES ☐ NO ☐

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

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

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

6



## **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:**

**Raoul V. Chauvin, III, P.E.**  
Principal

**Project Assignment:**

Principal-in-Charge  
Mechanical Engineer

**Name of Firm with which Associated:**

Infinity Engineering Consultants, LLC

**Years' experience with this Firm:**

16

**Education: Degree(s)/Year/Specialization:**

Bachelor of Science / 1990 / Mechanical Engineering

**Active registration: Year first registered/discipline:**

Mechanical: Louisiana No. 28272 – 1999; Iowa No. P24958 – 2018; Illinois No. 062.070852 – 2018; Indiana No. PE11800655 – 2018; Kentucky No. 34104 – 2018; Michigan No. 6201067892 – 2018; Minnesota No. 17714 – 2018; Mississippi No. 17714 – 2007; Ohio No. 83723 – 2018; Tennessee No. 121978 – 2018; Texas No. 98957 – 2007

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

As Principal Partner of Infinity Engineering Consultants, **Raoul V. Chauvin, III, P.E.** is responsible for all mechanical system designs and client relations. Included in those responsibilities are client interface, site inspection and evaluation, contract negotiation, project management, design, and drafting supervision. With an emphasis on quality, cost-effective solutions, Mr. Chauvin participates in project review meetings and coordinates project activities between the Company and client.

Mr. Chauvin's professional 30-year career has revolved around providing cost effective, efficient design solutions for municipalities, offshore oil and gas facilities, inland marine terminals, and chemical plants. Projects were completed according to a schedule dictated by the Client, weather conditions, budget limitations or equipment availability. Mr. Chauvin holds active professional engineering registration in eleven states, including the State of Louisiana.

**Westbank Regional Library Chiller – Jefferson Parish, LA**

Principal and Mechanical Engineering Supervisor for the engineering design for the replacement and installation of the HVAC system. Design included the replacement of a 100-ton chiller, circulation pumps, DDC controls, valves, compressors, and electrical components to accommodate the mechanical upgrades.

## **TEC Professional Services Questionnaire**

### **RTA Napoleon Facility Structural Rehabilitation – New Orleans, LA**

Principal and Mechanical Engineering Supervisor responsible for the inspection of the mechanical, structural, plumbing, fire protection and electrical systems of the 16,000 sq ft building and proposed underpinning of the foundation, repair of the walls and roof framing, as well as mechanical and electrical upgrades and repairs to this historic building.

### **Percy Griffin Community Center - Plaquemines Parish Government**

Lead Mechanical Engineer for the design for the new 14,000 square foot community building. The building included office space, a community center, a full-service commercial kitchen a meeting room, and several multi-purpose activity rooms.

### **Office of State Buildings Cooling Tower Replacement – Baton Rouge, LA**

Lead Mechanical Engineer responsible for project management and design of a 500-ton cooling tower replacement, including pumps, valves, and piping. The replacement includes a new 10-ton steel support structure.

### **New Orleans East Hospital Expansion – New Orleans, LA**

Mr. Chauvin was the principal and Mechanical Engineering Supervisor in charge of the remodeling of the Methodist Hospital. This project included the addition of an approximately 193,000 sq. ft., three-story structure to the existing six-story East Tower, designed using Revit. The design included ambulatory/emergency services, patient care, surgery, critical care, public, dietary, imaging, and associated support services. Site work included revisions to existing surface parking areas and new public utility entrances. The on-site fuel oil storage included a 30,000-gallon double-walled above-ground UL185 tank with a duplex transfer pump and double-walled fuel oil piping.

### **New Orleans Theater of the Performing Arts Facility Repairs – New Orleans, LA**

Lead Mechanical Engineer for the \$28MM emergency repair of the Mahalia Jackson Theater of Performing Arts damaged by Hurricanes Katrina and Rita. The project included assessment of mechanical damages due to flooding and wind, preparing plans and specifications for repairs, and construction administration. Engineering also included hazard mitigation design of components to protect equipment from future damage. The theater was deemed the most important building after the Superdome to be repair by city administration post-Katrina.

### **Braithwaite Auditorium Design – Braithwaite, LA**

Lead Mechanical Engineer for the mechanical and plumbing designs for the new 7,800 sqft auditorium. Designs included ductless split air conditioning system; two second floor independent mechanical systems; rooftop air conditioning unit with energy recovery ventilator; split system air conditioning system for kitchen/concessions and restroom areas; and wet pipe sprinkler system.



**LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)**

**9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com**

**Mr. Raoul Vincent Chauvin III**

License/Certificate Type - Number

**PE.0028272**

Expiration Date

**03/31/2021**

Status: **Active**

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>William J. Thomassie, P.E.</b> Principal
<b>Project Assignment:</b>
Civil/Structural Engineering Supervisor
<b>Name of Firm with which Associated:</b>
Infinity Engineering Consultants, LLC.
<b>Years' experience with this Firm:</b>
16
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science / 1992 / Civil/Structural Engineering
<b>Active registration: Year first registered/discipline:</b>
Civil: Louisiana No. 27421 – 1997; Alabama No. 30709-E – 2009; Arkansas No. 17041 – 2016; Iowa No. P24957 – 2018; Illinois No. 062.070857 – 2018; Indiana No. PE11800689 – 2018; Kentucky No. 34102 – 2018; Michigan No. 6201067893 – 2018; Minnesota No. 56472 – 2018; Mississippi No. 17557 – 2006; Ohio No. 71129 – 2006; Pennsylvania No. 74568 – 2007; Tennessee No. 121975 – 2018; Texas No. 90808 – 2002; West Virginia No. 15980 – 2004
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>As Principal Partner of Infinity Engineering Consultants, Mr. Thomassie is responsible for all civil / structural designs. Included in those responsibilities are site inspection and evaluation, cost estimating, permitting, specification development, project execution, design, and drafting supervision. As required, he coordinates project relevant activities between the Company, sub-contractors, and the client. Mr. Thomassie's 29+ year career has typically included management of multi-disciplinary projects. With many of these projects requiring up to \$45,000,000 for installation or modifications, his detailed structural designs, along with construction support, enabled completion on schedule and with minimal adverse impact on commerce in the area.</p> <p><b><u>Regional Transit Authority Canal Street Ferry Terminal Replacement – New Orleans, LA</u></b>  Principal for the engineering design of the demolition and redevelopment of the Canal Street Ferry Terminal on the Mississippi River in New Orleans for the RTA. The project includes the construction of a new terminal building, reconfiguration of streetcar tracks, realignment of underground utilities, construction of a new wharf structure, and refurbishment and reconfiguration of a captive barge platform.</p> <p><b><u>Jefferson Parish East Bank Maintenance Facility – Jefferson Parish, LA</u></b>  Lead Structural Engineer for the new East Bank Maintenance Facility foundation and building. This two-story building was designed to serve as an emergency shelter for critical Parish personnel during hurricane season.</p>

## **TEC Professional Services Questionnaire**

### **Sewerage & Water Board – WB EBWWTP Plant Administration Building – New Orleans, LA**

Principal in Charge of the East Bank Waste Water Treatment Plant Administration Building. He was responsible for the design of a new 4,000 sqft elevated building. Infinity provided all structural, mechanical, plumbing, and electrical design.

### **Wisner Bridge Inspection – New Orleans, LA**

Principal for the structural condition inspection of the Wisner Bridge over Interstate 610. The project included documenting and cataloging structural condition and deficiencies for a 3/8-mile-long concrete bridge, spanning 6 lanes of Interstate and 2 railroad lines. Inspection was performed to LADOTD standards.

### **Regional Transit Authority Carrollton Passenger Station – New Orleans, LA**

Project Manager for the RTA's Carrollton Passenger Station at the start of the St. Charles Avenue Streetcar Line. The project involves the addition of a new streetcar shelter and display case at the terminal intersection of Carrollton and Claiborne Avenues.

### **Plaquemines Parish Government O'Brien Fire Station – Plaquemines Parish, LA**

Engineering Manager for the O'Brien Fire Station, a new facility in Port Sulphur designed to replace a fire station destroyed during Hurricane Katrina. Infinity was responsible for the design of all structural, electrical, and mechanical systems associated with the fire house, including elevated platforms to protect the electrical and mechanical systems from flood.

### **St. James Parish Government Courthouse Structural Design**

Lead Structural Engineer for a new two-chamber courthouse. The project included the design of steel framing, masonry structures, and a pile support concrete foundation.

### **Baton Rouge State Office Building Cooling Tower Replacement – Baton Rouge, LA**

Lead Structural Engineer for design a cooling tower platform. The project included new steel members and rehabilitated members from the old platform, grating, guard rail, handrail, and connections.

### **Montagnino Shopping Center Design – Harvey, LA**

Principal and lead engineer for the structural design civil, structural, mechanical, electrical, and plumbing design for a 37,000 sq ft. 20-tenant shopping complex in Harvey, LA. The civil and structural designs included site grading, subsurface drainage, parking lot layout and paving, driveway layout and paving, retail building pile foundation and slab, and foundations for street signage.

### **Mahalia Jackson Theater of Performing Arts – New Orleans, LA**

Lead Civil/Structural Engineer for the emergency repair of the Mahalia Jackson Theater of Performing Arts in Orleans Parish. Engineered designs and incorporated components to mitigate future weather-related damage to equipment. Provided detailed structural design for new stage lift systems.

### **Plaquemines Parish Ollie Drainage Pumping Station Expansion – Jesuit Bend, LA**

Principal for the Ollie Drainage District capacity evaluation project. Project included the evaluation of runoff characteristics for a 3,000-acre basin and the evaluation of the adequacy of an existing pumping station with 5 pumps. Project Manager for the design of the 600 cfs drainage stormwater pump station addition (\$16,200,000 total construction cost). Responsible for overall project coordination and design. Supervised all civil and structural designs including deep foundations, concrete structures, steel building structures, dredging, vehicular bridges, roads, and canals.

**TEC Professional Services Questionnaire**

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 <a href="http://www.lapels.com">www.lapels.com</a>	
<b>Mr. William John Thomassie</b>		
License/Certificate Type - Number	Expiration Date	
<b>PE.0027421</b>	<b>09/30/2021</b>	
Status:	<b>Active</b>	





## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Rachel Kenney, P.E.</b> Chief Engineer
<b>Project Assignment:</b>
Structural Project Engineer
<b>Name of Firm with which Associated:</b>
Infinity Engineering Consultants, LLC
<b>Years' experience with this Firm:</b>
13
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science / 2001 / Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
LA No. 37666 / 2013 / Civil
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Chief Engineer responsible for structural design, civil design engineering, specification development, and bid package development. Specific project experience includes the following:</p> <p><b><u>Jefferson Parish Government East Bank Maintenance</u></b>            Project engineer and performed structural designs for a new office building 15,000 square foot and also prepared the structural specifications. This building serves as a temporary emergency operation center during future extreme weather events, such as Hurricane Katrina.</p> <p><b><u>Plaquemines Parish Government – O'Brien Firehouse</u></b>            Project Engineer responsible for managing a project team for the Structural, Mechanical, and Electrical design of the new 2,500 sq ft firehouse. Responsible for project management, structural design, and construction administration for the pile supported building, which has a first-floor elevation above the Base Flood Elevation (16'-6") and is designed to withstand Category 4 hurricane force winds. Foundation design included review of geotechnical reports.</p> <p><b><u>Plaquemines Parish Government – Davant Community Center</u></b>            Managed a project team for the Structural, Mechanical, and Electrical design of the 14,000 sq ft community center. Ms. Kenney was responsible for project management, structural design, and construction administration. The building is designed to withstand Category 4 hurricane force winds, and has a main floor elevation above the Base Flood Elevation (14'-2"). Structural design included timber piles, pile caps and grade beams supporting 24" square reinforced concrete columns. Columns support a grid of concrete beams upon which the main floor hollow core concrete panels rest. CMU</p>

## **TEC Professional Services Questionnaire**

walls enclose the main floor and, along with steel columns and bracing, support the steel roof trusses. Foundation design included review of geotechnical reports.

### **RTA Canal Street Ferry Terminal CMAR – New Orleans, LA**

Managed a multidisciplinary team of designers working with the Owner's Contractor to determine the most cost-effective design that would satisfy project and grant requirements. The project included: a steel pile supported wharf with concrete beams and hollow core concrete panels; a timber pile supported, steel framed terminal building; two steel framed stair/elevator towers connected by a prefabricated steel truss bridge spanning (2) railroad tracks; and half grand union with catenary system.

### **Sewerage & Water Board EBWWTP Administration Building – New Orleans, LA**

Managed a project team for the Mechanical, Electrical and Structural design of the 5,000 sq ft Administration Building, which will replace the building destroyed by Hurricane Katrina. Ms. Kenney was responsible for project management, structural design, and construction administration. The pile supported building had concrete columns integral with concrete ledger beams to support bar joists, upon which sit the composite metal pan/concrete floor. Walls are CMU, supporting bar joists and roof framing. Foundation design included review of geotechnical reports.

### **Washington Parish – Emergency Operations Center and 911 Tower**

Provided structural engineering and related construction administration for the 400' tower and 5,000sqft administration building.

### **St. Bernard Parish Government – St. Claude Ave. Sheriff's Substation**

Project Structural Engineer for the design of a new 3-story criminal sheriff's administration building, incorporating high security aspects as required by the St. Bernard Parish Sheriff's Department. The building consists of steel-reinforced concrete with the bottom of the second floor above the BFE.

### **Sewerage and Water Board of New Orleans – East Bank Wastewater Flood Protection System**

Provided civil and structural designs for a new flood protection berm at the Wastewater Treatment Plant. For the \$30 Million Construction project, plans and specifications were provided for the design of secure flood gates, flood walls, electrical transmission and road and piping crossings for plant flood protection.



**LOUISIANA PROFESSIONAL  
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**9643 Brookline Avenue, Suite 121  
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www.lapels.com**

**Ms. Rachel Ann Kenney**

License/Certificate Type - Number

**PE.0037666**

Expiration Date

**09/30/2021**

Status: **Active**



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>	
<b>Name &amp; Title:</b>	
Ricardo Contreras, P.E. Civil Engineering Manager	
<b>Project Assignment:</b>	
Civil Engineering Manager	
<b>Name of Firm with which Associated:</b>	
Infinity Engineering Consultants, LLC	
<b>Years' experience with this Firm:</b>	
5	
<b>Education: Degree(s)/Year/Specialization:</b>	
Bachelor of Science / 1994 / Civil Engineering	
<b>Active registration: Year first registered/discipline:</b>	
LA No. 28533 / 1999 / Civil      FL No. 64381 / 2006 / Civil	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<p>Mr. Contreras has more than 20 years of experience in the field of civil engineering. His responsibilities include engineering design, preparation of plans and specifications, preparation of cost estimates, collaboration with owners for various construction projects. Specific major project experience from throughout his career includes the following:</p> <p><b><u>Northpark Project Chevron Corporation – Covington, LA</u></b> Responsible for the site design for a 20.43 acre site for the Chevron Campus in St. Tammany Parish including site clearing, grading, relocation of a major drainage servitude, design of on-site retention ponds, surface parking lots, domestic and fire water distribution systems, and sewer system in accordance with LEED certification requirements.</p> <p><b><u>Multi-Unit Readiness Center Louisiana Army National Guard</u></b> Project Engineer for the site design for a 22.65-acre site for the Hammond Airport including site clearing, grading, design of on-site retention ponds, surface parking lots, domestic and fire water.</p> <p><b><u>Belle Chasse Primary Pre-K – 1 - Plaquemines Parish School Board – Belle Chasse, LA</u></b> Designed 9.03-acre site for new primary school, including clearing, grading, concrete surface parking lots, domestic and fire water distribution systems, gas lines, sewer system, and a new sewer treatment.</p> <p><b><u>RTA Napoleon Facility Rehabilitation – New Orleans, LA</u></b> Responsible for the structural inspection of the 100-year-old, 11,000 square foot historic building. Additionally, the roof system was inspected to determine its integrity. Designs were created to rehabilitate and modernize the building.</p> <p><b><u>Stuart Houser Geoghegan Canal Boathouse – Slidell, LA</u></b> Project engineer for the design to elevate the main structure of the property 14' above the sill measured to</p>	

## **TEC Professional Services Questionnaire**

the bottom of the floor joists. Additionally, the house was connected to a boat dock via an elevated walkway.

### **Ben Franklin Elementary Renovations – New Orleans, LA**

Oversaw Infinity's engineering services for structural modifications and repairs to the existing exterior structural brick walls of the school, wooden floors, ceiling, and roof framing, and the addition of a new elevator. Designs included:

- Repair/replacement of the existing brick at select designated locations
- Design of an additional steel bottom plate for reinforcing the existing window openings
- Repair details for damaged floor and ceiling joists
- Performing a detailed non-destructive survey of the existing roof framing system and providing repair details for the roof rafters only
- Specifications on drawings for the addition of an elevator system, which included modifications to the existing building foundation and floor framing.

### **258 Jackson Avenue - Mandeville**

Responsible for the design of the structural and civil design of a new residence. The two-story building was designed to be elevated eighteen feet by concrete columns.

### **Dillard University Campus Improvements**

Responsible for the improvements and upgrades to multiple systems throughout the Dillard University campus. The project ranged from civil road work to electrical lighting and low voltage communications systems. The designs included the removal of an existing guard shack and foundation at the St. Anthony entrance to realign the entrance and intersecting roads to provide access control via a new guard shack. The roadway realignment also widened the existing roadway, drainage modifications, roadway curbs, sidewalks, and building landing and exit stairs in the parking lot of Albert W. Dent Hall. Miscellaneous parking lot pavement repairs, directional signage, bike parking, sidewalks, and trash receptacles are also included in the designs.

### **Marriott Structural Repairs**

Project engineer responsible for developing designs for the installation of new steel column and shoring system to repair structural damage from termites to existing timber joists, beams, and columns.

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	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
<b>Mr. Ricardo Antonio Contreras</b>		
License/Certificate Type - Number		Expiration Date
<b>PE.0028533</b>		<b>09/30/2021</b>
<b>Status: Active</b>		

## TEC Professional Services Questionnaire

### **KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

**Name & Title:**

**Karson Kall, P.E.**  
Senior Civil/Structural Engineer

**Project Assignment:**

Senior Civil/Structural Engineer

**Name of Firm with which Associated:**

Infinity Engineering Consultants, LLC

**Years' experience with this Firm:**

8

**Education: Degree(s)/Year/Specialization:**

Bachelor of Science / 2007 / Civil/Structural Engineering

**Active registration: Year first registered/discipline:**

LA No. 37258 / 2012 / Civil      MS No. 25583 / 2014 / Civil  
TX No. 117632 / 2014 / Civil      CO No. 51497 / 2016 / Civil

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

Mr. Kall has more than 13 years of experience with coordination, supervision, and time management while being responsible for numerous multi-million-dollar federal funded projects, while simultaneously performing the necessary duties as staff engineer. Productive interaction and constant coordination with the multiple disciplines; including architectural, civil, structural, and mechanical engineering firms; as well as producing quick and effective resolutions to day-to-day issues, either at the office or on-site, were necessary for roles as both project manager and staff engineer.

**Jefferson Parish – Westbank EOC Tower Installation**

Responsible for structural engineering design of a deep foundation to support a new self-standing, solid legged 300-foot communications tower and 500 SF communications building and related construction administration during construction: \$1,208,954.87.

**Landmark RTA Napoleon**

Responsible for visual inspection, measuring and documenting current structural members for a 100-year-old 11,000 SF facility. Observations were used to create a 3D model and provide finite element analysis to determine whether the current Main Wind Force Resisting System (MWFRS) could withstand current code requirements; estimated \$TBD.

**Plaquemines Parish Braithwaite Auditorium Modifications**

Responsible for structural modification to an existing elevated generator platform to house a new electrical switch rack and catwalk to connect with the existing auditorium. Design also included the installation of a new exterior door to the interior of the auditorium; \$149,160.00.

**RCL Architects – St. Tammany Multi-Use Safe House**

Responsible for the structural design for a new 70,000 AF facility housing a 911 call center, 911 support center, Emergency Operations Center, a safe room for 500 people and a facility for NOAA. Ancillary structures include foundations for facility, hydrogen balloon building, radar tower, microwave tower, transformer, light poles, and foundations for three small precast concrete buildings. The design of all ancillary structures that provide essential support to the EOC/Safe Room will comply with FEMA P-361; estimate \$9,418,875.00 structural only.

## TEC Professional Services Questionnaire

### **Livingston Parish – Communications Tower**

Responsible for the design of a new 750 ft. guided communications tower which included a deep foundation for both the tower, anchor points and elevated equipment building, site grading, cable tray system, communications equipment (600 MH) and startup coordination; est. \$2,342,976.30.

### **Stuart Houser Camp – Geoghegan Canal Boathouse**

Structural and civil design for a new 3,600 SF residential camp. The structure was elevated via concrete columns to a height of 18' and included the use of an Insul-deck system for the lowest floor's slab. The camp was located near Lake Pontchartrain; Est. \$750,000.00.

### **Port of St. Bernard – Communications Tower**

Structural and civil engineering associated with the design of a new deep foundation to support a 140 ft. self-supporting communications tower, security fencing and ice bridge for waveguides; est. \$247,335.40.

### **Plaquemines Parish School Board - Belle Chasse Primary School**

Responsible for site development of a 9.5-acre undeveloped area for the Plaquemines Parish School Board, including site clearing, grading, design of new subsurface drainage system, driveways, sidewalks, parking lots, domestic and fire water distribution systems, sewer system, lift station, and a treatment package plant.

### **Gretna Park Elementary School Roof Retrofit Project**

Responsible for the 24,000 SF roof retrofit, concrete pads, and steel platforms for HVAC units. Assisted in codes/standards research to provide recommendations for repair/replacement models.

### **Jefferson Parish Emergency 911 Center and Communications Tower**

Provided structural engineering and related construction administration for the tower and administration building.

### **Sewerage & Water Board East Bank Wastewater Treatment Electrical Platforms**

Structural design for 3 separate locations within the existing New Orleans wastewater treatment plant. Duties included design for the removal of an existing platforms perform calculations to verify the existing structural elements can support the new loads, design penetration of an existing 8" CMU wall to run electrical conduits, design for the installation of a new lintel, and prepare drawings/specifications for designed elements.



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www.lapels.com**

**Mr. Karson Ashley Kall**

License/Certificate Type - Number

**PE.0037258**

Expiration Date

**09/30/2022**

Status: **Active**

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Cindy Gallo, P.E.</b> Civil/Structural Project Engineer
<b>Project Assignment:</b>
Project Structural Engineer
<b>Name of Firm with which Associated:</b>
Infinity Engineering Consultants, LLC
<b>Years' experience with this Firm:</b>
6
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science / 2014 / Civil & Environmental Engineering
<b>Active registration: Year first registered/discipline:</b>
LA PE.0043357 / 2019 / Civil
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>As one of Infinity's civil/structural project engineer, Cindy Gallo, P.E. holds over 6 years of experience in developing designs, specifications, and bid documents to create civil, structural, and marine construction packages. Ms. Gallo is well versed at providing engineering services during bid selection and construction phases of a variety of project types. Throughout Ms. Gallo's career, she has led several multi-disciplinary teams from the design phase through construction administration as a project manager. Additionally, Ms. Gallo's structural engineering expertise has been lent to marine facility inspection and design projects.</p> <p><b><u>Regional Transit Authority Napoleon Building Structural Repairs – New Orleans, LA</u></b> Part of the structural team that was responsible for analyzing the existing roof structures of two buildings using a model created in RAM Elements. This project consisted of structural, electrical, and mechanical engineering designs for the build out of the RTA Boardroom Facility within the existing Napoleon Avenue building.</p> <p><b><u>Port of New Orleans Patterson Pump Station – New Orleans, LA</u></b> Part of the structural team that was responsible for the design and model of a new steel platform in RAM Elements. This project consisted of performing engineering services associated with maintenance and improvements for the Patterson Drainage Pump Station on Jourdan road.</p> <p><b><u>PBF Energy Cooling Water Intake Systems 003 &amp; 013</u></b> Project engineer responsible for analyzing existing cooling water intake systems and researching the modifications required to make the systems EPA 316B compliant. Assisted in performing structural capacity calculations, preparing preliminary cost estimates, and compiling a report detailing the results of the study.</p>



## TEC Professional Services Questionnaire

### West Feliciana Parish – MS Riverfront Development

Project manager responsible for organizing the preparation and delivery of a front-end design study which identified potential development options for the Mississippi Riverfront property. Coordinated with the team's architect, landscape architect, permitting and environmental specialist, surveyor, and geotechnical engineer, as well as the Owner and representatives from West Feliciana Parish and the Mississippi riverboat companies to gather input on needs and wants for the project site. Ms. Gallo was on the structural team that prepared conceptual designs and cost estimates for a docking facility for up to three riverboat cruise ships, as well as a welcome center pavilion. This project consisted of civil and structural design, as well as site layout, to prepare and submit a proposed development plan that included improved access to riverboat docking facilities, a welcome center and passenger terminal, visitor parking, bus access, fishing services, walking trails, pavilions, an amphitheater, a kayak launch, and other recreational amenities.

### New Boiler Economizer – Bungee Facility

Part of the structural team that was responsible for the design of a new steel platform using RAM Elements. This project consisted of providing engineering services that are required for the installation of a new boiler economizer proposed for Bungee's Destrehan facility.

### City of New Orleans – City Bridges Inspections and Load Ratings

Assembled technical reports for Infinity's submittal to the City Bridges Project and performed moment and shear calculations on bent caps. This project consisted of performing a condition inspection and evaluation of twelve (12) bridges around the City of New Orleans.

### Joe Brown Park Bridge Rehabilitation – New Orleans, LA

Project manager responsible for organizing the preparation and delivery of a construction drawing and specification package, coordinating with the Owner and the Department of Parks and Parkways, and scheduling all design progress meetings. She was on the structural team that prepared the design for the new bridge and foundation. This project consisted of civil, structural, and electrical design for the removal and replacement of an existing vehicular bridge deemed to be in poor condition.

### IMTT Geismar Dock 4 – Geismar, LA

Member of the structural team that was responsible for designing a new marine dock at IMTT's Geismar Terminal. She performed engineering calculations and participated in the design of the platform and hose tower, as well as modeled the monopile foundations, pipe rack, dock structure and hose tower using LAT Pile and/or Ram Elements.

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<b>Ms. Cindy Michelle Gallo</b>	
License/Certificate Type - Number	Expiration Date
<b>PE.0043357</b>	<b>09/30/2021</b>
Status:	<b>Active</b>

## **TEC Professional Services Questionnaire**

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Laura Kelly, P.E.</b> Mechanical Engineering Manager
<b>Project Assignment:</b>
Mechanical Engineering Manager
<b>Name of Firm with which Associated:</b>
Infinity Engineering Consultants, LLC
<b>Years' experience with this Firm:</b>
4
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Science / 2008
<b>Active registration: Year first registered/discipline:</b>
LA PE. No.39645 / 2015 / Mechanical
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Ms. Kelly has ten years of mechanical engineering experience, including more than five years in major capital oil and gas consulting. Ms. Kelly has served as a mechanical technical lead in phases ranging from design conception to field installation and startup. As Mechanical Engineering Manager, Ms. Kelly oversees all mechanical designs and deliverables.</p> <p>When called for, Ms. Kelly ensures all mechanical designs seemly integrate with Infinity's civil, structural, and electrical components. Ms. Kelly holds her professional engineering license in Louisiana and her Bachelor of Science in Mechanical Engineering from Union College in Schenectady, NY.</p> <p><u><b>Florida Desire Community Center – City of New Orleans</b></u> Project Engineer responsible for HVAC and plumbing design for a new community center building, including equipment selection, development of opinion of probable cost, and editing of specifications. Design of the HVAC system included load calculations, equipment selection, and ductwork layout. Plumbing design included pipe sizing, fixture selection, equipment sizing, and piping layout for domestic water and waste and vent systems.</p> <p><u><b>Amerihealth – 3155 Gentilly MEP</b></u> Project Engineer responsible for project management as well as HVAC and plumbing design for a new buildout of an existing commercial space. Project responsibilities during design included coordination and design development with architect and client, site visits to determine existing conditions, and design of the HVAC and plumbing systems. HVAC system design included load calculations, equipment selection, and ductwork layout, and plumbing design included pipe sizing, fixture selection, equipment sizing, and piping layout for domestic water and waste and vent systems. Project responsibilities during construction included participating in weekly status meetings, reviewing contractor submittals, answering contractor RFI's, and performing site visits.</p>



## **TEC Professional Services Questionnaire**

### **Criminal Evidence and Process Complex – City of New Orleans**

Project Engineer responsible for plumbing design for five-story building including toilet rooms, break rooms and crime lab areas. Plumbing design included pipe sizing, fixture selection, equipment sizing, and piping layout for domestic water, waste and vent, and roof drainage systems.

### **Behrman Soccer Complex – City of New Orleans**

Project Engineer responsible for HVAC and plumbing design, including equipment selection and editing of specifications. Design of the HVAC system included load calculations, equipment selection, and ductwork layout. Plumbing design included pipe sizing, fixture selection, equipment sizing, and piping layout.

### **Cooling Water Intake Systems 003 & 013**

Project engineer responsible for performing engineering evaluation and developing conceptual design options for establishing EPA-compliant filtration at two cooling water intake units. Project responsibilities included analyzing existing systems, consulting with manufacturers, developing design concepts, preparing opinions of probable cost for each design, and compiling study diagrams and report.

### **Plaquemines Parish Government – Emergency Generators**

Project engineer responsible for design and specification of gas service to new emergency generator.

### **Jefferson Parish Government Planters Pump Station**

Project engineer responsible for project management and mechanical engineering design for the replacement of engines and refurbishment of gears at Jefferson Parish's Planters Pump Station. Project responsibilities included project coordination, site visits, specification of equipment, design of engine cooling system, and development of drawings, specifications, and project documents.

### **City of Covington – 16th Ave. Pump Building Rehab**

Project engineer responsible for project management of replacement of controls and electrical systems at a municipal water pumping building. Project responsibilities included meeting with client's representatives to define scope objectives, coordinating project schedule and deliverables, and coordinating and participating in project status meetings.



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**Ms. Laura Eyman Kelly**

License/Certificate Type - Number

**PE.0039645**

Expiration Date

**09/30/2021**

Status: **Active**

## TEC Professional Services Questionnaire

### **KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

**Name & Title:**

**Gregory Lintinger, P.E.**  
Electrical Engineering Manager

**Project Assignment:**

Electrical Engineering Manager

**Name of Firm with which Associated:**

Infinity Engineering Consultants, LLC

**Years' experience with this Firm:**

9

**Education: Degree(s)/Year/Specialization:**

Bachelor of Science / 1985 / Electrical Engineering

**Active registration: Year first registered/discipline:**

LA/1990/Electrical	TN/1992/Electrical	AK/1996/Electrical
MS/1999/Electrical	TX/2000/Electrical	FL/2005/Electrical
	CO/2010/Electrical	

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

Mr. Lintinger has over 30 years of experience in management, quality control and supervision of electrical designs. With Mr. Lintinger's Electrical Engineering expertise comes a vast knowledge of power and control systems, SCADA technology, and electrical instrumentation for a wide range of utility infrastructure.

As the Electrical Engineering Manager, Mr. Lintinger is responsible for electrical scope development, schedule coordination, budgeting, estimating, and cost control. Mr. Lintinger holds his professional engineering license in seven states, including Louisiana, and his Bachelor of Science in Electrical Engineering from the University of New Orleans.

Relevant Project Experience Includes:

**New Orleans Municipal Traffic Court Building Renovations**

Electrical supervising engineer for the New Orleans Municipal Traffic Court building renovations work included development of construction documents for electrical lighting, power, fire alarm and detection modifications, public address, data, telephone, and special systems.

**John P. Lyons Recreation Center – City of New Orleans**

Electrical Engineering Manager for the repair design and updating of the entire electrical system for the 10,000 sq. ft. recreation facility. The Center required a complete electrical redesign including electrical power and distribution and new electrical room; interior and exterior area lighting; telephone / data / communications; stage lighting and sound; sports lighting; and electrical design and power distribution for computer room.

**Jackson Square Renovations – City of New Orleans**

Electrical Engineering Manager responsible for supervision of electrical engineering teams' review of the existing electrical systems for the historic square. Electrical systems to provide power for festival events, stage events, power to the four quadrants of the square, illumination of the historic statue of Andrew Jackson, renovation of the existing fountain's pump

## **TEC Professional Services Questionnaire**

system and lighting, refurbish existing historic gas lanterns to LED lamp systems, new automated sprinkler system, new power distribution system from local utility underground network system.

### **Orleans Parish Hospital Services District A – New Orleans East Hospital**

Electrical Engineering Manager for the electrical design of the on-site storage of electrical, water, sewer, medical gas, fuel oil, fiber and natural gas utilities from the project boundary to the utility access points, e.g. transformers, switches, parking area and helipad lighting and controls, which included the underground electrical utility and switchgear.

### **Lake Pontchartrain Elementary School**

Electrical Engineering Manager responsible for supervision of electrical systems design-engineering of the new elementary school including, lighting, lighting controls, emergency lighting, power distribution system, HVAC Chiller System with VAV units, and air handling systems power, fire alarm system, fiber optic back boned data and communications, site lighting, intercom and clock system, smart boards, security, and CCTV.

### **St. Bernard Parish Sheriff's St. Claude Avenue Substation**

Electrical supervising design-engineer for the St. Bernard Parish Sheriff's St. Claude Avenue Substation, new 3 story building with parking garage, Responsibilities included construction documents and bid documents in bid process, electrical lighting, power, fire alarm and detection modifications, public address, data, telephone, and special systems.

### **Gretna Ferry Landing**

Electrical Engineering Manager responsible for the supervising the surveying of existing electrical system and determining points of contact for lighting system of the new platform. The designs included the relocation of existing lighting fixtures for pedestrian bridge.

### **Behrman Soccer Stadium – City of New Orleans**

Mr. Lintinger was the Electrical Engineering Manager responsible for the plans and specifications for site electrical, new parking lot lighting for 500 cars, site lighting, professional sports lighting and power, communications, and lighting for five buildings and a 1,500-seat main stadium.

### **Emergency Operations Center & Communications Tower – Washington Parish Government**

Electrical Engineering Manager responsible for providing electrical engineering design and related construction administration for the 400' tower and 5,000 square foot administration building, and backup UPS for the generator system.



## TEC Professional Services Questionnaire

### **KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:**

**Name & Title:**

**Gregory Pier, E.I.**  
Electrical Project Engineer

**Project Assignment:**

Project Electrical Engineer

**Name of Firm with which Associated:**

Infinity Engineering Consultants, LLC

**Years' experience with this Firm:**

9

**Education: Degree(s)/Year/Specialization:**

Bachelor of Science / 2007 / Electrical Engineering

**Active registration: Year first registered/discipline:**

LA E.I. No. 32328 / 2015 Electrical

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

As Project Engineer, Mr. Pier provides conceptual designs, engineering and construction estimates for project proposals. He has experience performing research and design to create the most practical and economical solutions for the installation of electrical systems. In addition, he contributes to the project design team, develops, and reviews contract drawings and bid packages.

**Jefferson Parish – Traffic Operations Center Standby Generator**

Project Engineer and Manager for the addition of a 150-kw natural gas stand-by generator and automatic transfer switch to provide power to the entire facility should the power source fail. The project included the reconfiguration of existing electrical systems to comply with the new generator installation. Mr. Pier also provided construction administration.

**City of New Orleans – Lyons Center**

Electrical Project Engineer responsible for the repair/design of the entire electrical system for the 10,000 sq. ft John P. Lyons Recreation Center in New Orleans. Designs included complete electrical redesign including electrical power and distribution and new electrical room, interior and exterior area lighting, telephone/data/communications systems, stage lighting and sound, sports lighting for the basketball court, and power distribution design for a computer room.

**Jefferson Parish – Landfill Leachate Rehabilitation**

Electrical Project Engineer responsible for the rehabilitation of the existing high voltage electrical distribution system throughout the facility. All existing equipment was inspected, and designs were implemented to provide a safe and reliable electrical system for the existing service equipment. A new lift station was also designed including a backup generator and automatic transfer switch for the site drainage. Additionally, responsible for the construction administration of the electrical portion of the project from bidding phase to completion.

**Parish Hospital Services District A – New Orleans East Hospital**



## **TEC Professional Services Questionnaire**

Electrical Project Engineer responsible for the assessment and electrical designs for the \$70MM new and renovated hospital. Responsibilities for the new design included coordination with Entergy for Primary Power distribution, 13.8kV main power switchgear design, fire water pump power installations, fire alarm system and coordination with Fire Marshall, site lighting to include helipad lighting and obstruction lighting, low voltage communications and technology systems including nurse call systems, data and television systems, and CCTV systems.

### **City of New Orleans – Criminal Evidence and Processing Complex**

Electrical Project Engineer and Project Manager responsible for the design and construction of a new five-story municipal building for the New Orleans Police Department. The designs included primary power, emergency power, telephone, data/communications systems, access control systems, grounding and bonding systems, site lighting, interior lighting, emergency lighting, video surveillance systems, motor control centers, fire alarm system, and public address systems. Electrical designs coordinated with the mechanical design for HVAC systems, fire pumps, fire suppression, fuel transfer pumps and 1 MW emergency generator with automatic transfer switch.

### **Plaquemines Parish Government – Braithwaite Auditorium Platform**

Electrical Project Engineer responsible for the design of a relocated service equipment switch rack. All existing equipment serving the building was relocated to a new switch rack installed on the existing generator platform to prevent primary power failure due to a flooding event. Responsibilities also included construction administration to coordinate with the contractor and the owner.

### **Regional Transit Authority – Canal Boulevard Terminal**

Electrical Project Engineer responsible for the design of the lighting and power distribution for the new streetcar terminal. Coordination with Entergy, the Department of public works, and the RTA.

### **Amtrak – Union Passenger Terminal Renovations**

Electrical Project Engineer and Project Manager for the renovation of the Amtrak terminal and maintenance yard from the UPT to Broad Street. The electrical design included high-mass LED lighting, new 480VAC shore power panels for the train maintenance yard, new lighting for passenger terminal, moving overhead electrical distribution lines underground, and eradicating antiquated electrical equipment panels.

### **Jefferson Parish – Glenwood Drive Street Lighting**

Electrical Project Engineer for the establishment of street lighting on 1,900 linear feet of Glenwood Drive between Metairie Road and Fairmont Drive. The designs included decorative metal poles in a historic style with a single "acorn" LED luminaire at its top, Power Distribution System with wiring diagrams and panelboard schedules, conduit and cable callouts, and a photometric analysis to determine the appropriate spacing. Designs also included feasibility assessments to determine the best source of power from three potential feeder locations.

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<b>Mr. Gregory A. Pier</b>		
License/Certificate Type - Number	Expiration Date	
<b>EI.0032328</b>	<b>03/31/2021</b>	
<b>Status: Active</b>		

## 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**

<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Jefferson Parish East Bank Maintenance Facility</b>  Jefferson, LA  Jefferson Parish Government  Randy Nicholson  1901 Ames Blvd.  Marrero, LA 70072</p>	<p>Infinity provided the structural engineering design for the new 17,000 sq ft. East Bank Maintenance Facility located at Jefferson Parish's Shrewsbury Facility.</p> <p>Based on the floor plan and intended usage, Infinity prescribed the foundation and frame design, including concrete beam sizes, column sizes, and steel reinforcing. The structure was designed per current IBC codes to withstand hurricane winds and elevated above the base flood elevation.</p> <p>This two-story building was designed to serve as an emergency shelter for critical Parish personnel during hurricane season.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
<p>2010 (A) Construction</p>	<p>\$3,500,000</p>	<p>N/A</p>

### **PROJECT NO. 2**

<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Percy Griffin Community Center</b>  Davant, LA  Plaquemines Parish Government  Michael F. Nicoladis, E.I, M.B.A.  N-Y Associates, Inc.  504-885-0500</p>	<p>This project consisted of the demolition and replacement design of the 14,000 sq.ft., elevated, Percy Griffin Community Center and 2,304 sq.ft. pool house in Davant, LA. The project was FEMA-funded and included assessment of damages due to flooding and wind, writing project worksheets with construction cost estimates for submittal to FEMA, preparing plans and specifications for a brand-new elevated building.</p> <p>Infinity provided design services for all structural, mechanical, plumbing, and electrical components, including construction administration. The building included office space, computer labs, a full-service commercial kitchen, a meeting room, and several multipurpose activity rooms. Mechanical designs included all HVAC and plumbing systems.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
<p>2011 (A) Construction</p>	<p>\$5,900,000</p>	<p>N/A</p>

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<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p style="text-align: center;"><b>Lake Hermitage Firehouse</b></p> <p style="text-align: center;">Port Sulphur, LA Plaquemines Parish Government Bill Serpas 504-274-2471</p>	<p>Infinity provided design of all structural, mechanical, plumbing, and electrical components, including construction administration for the design and construction of a new 3,200 sq.ft. fire station. Mechanical design included services for two split system air conditioning systems to serve the community room, kitchen, and offices. Plumbing design services included plumbing for the toilet rooms and kitchen.</p> <p>The firehouse has a first-floor elevation above the Base Flood Elevation and is supported by composite piles (timber and concrete with steel shell) with concrete pile caps. Concrete columns extend to integral ledger beams, which support the precast concrete hollow core panel floor. The ledger beams also support steel columns and roof framing. The exterior walls of the main floor are reinforced CMU. The structure was designed to meet the International Building Code, exceeding the LA Uniform Construction Code.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2009 (A) Construction	\$1,700,000	\$526,000

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p style="text-align: center;"><b>St. Claude Avenue Sheriff's Substation</b></p> <p style="text-align: center;">Arabi, LA St. Bernard Parish Government 8201 W. Judge Perez Dr. Chalmette, LA 70043</p>	<p>This FEMA-funded project included the design of a 3-story criminal sheriff's administration building for St. Bernard Parish. Infinity designed all civil, structural, mechanical, and electrical components. The structural and electrical designs incorporated high security aspects. The building consists of steel-reinforced concrete with the bottom of the second floor above the BFE.</p> <p>The building's foundation consists of timber piles with concrete pile caps. The pile caps support reinforced concrete columns that extend up to integral concrete ledger beams. The ledger beams support precast hollow core panels that form the first level's floor. The concrete ledger beams support steel columns and additional framing for the second and third floors. Steel framing and bar joists support concrete filled metal pan flooring and a metal pan built up roof. This structure was designed to meet the International Building Code, exceeding the LA Uniform Construction Code.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2014 (A) Construction	\$2,100,000	\$985,000



## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>East Bank Waste Water Treatment Plant Administration Building</b> New Orleans, LA Sewerage & Water Board of New Orleans Reid Dennis, P.E. 504-865-0459	This project consisted of the complete demolition and replacement design of the New Orleans S&WB East Bank Waste Water Treatment Plant Administration Building. The project was FEMA funded and included assessment of damages, writing project worksheets with construction cost estimates for submittal to FEMA, preparing plans and specifications for a brand-new elevated building. Infinity Engineering's scope included, but was not limited to: <ul style="list-style-type: none"> <li>Coordination with NOS&amp;WB and FEMA personnel for strategic planning of replacement/repair operations.</li> <li>Facilities and equipment demolition planning and design coordination.</li> <li>Providing structural design for an elevated concrete slab building foundation.</li> <li>Design of all mechanical and plumbing systems.</li> <li>Design of all electrical power and lighting, fire alarm and detection systems.</li> </ul>	
Completion Date (Actual or estimated):	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2013 (A)	\$2,000,000	N/A

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Cooling Tower Replacement Ascension Parish Jail</b> Donaldsonville, LA Ascension Parish Government Amy Johnson 225-450-1131	Infinity Engineering provided engineering services for the replacement of the non-functioning cooling tower at the Ascension Parish Jail. The new cooling tower is capable of handling the cooling load of the existing chillers. Infinity's designs maintained the existing functional cooling tower as a supplemental cooling tower. The new cooling tower required a new foundation, as the existing foundation was inappropriately located and damaged. Electrical switchgear, wiring and conduit were also replaced. Infinity also provided construction administration services.	
Completion Date (Actual or estimated):	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2017	\$62,500	\$62,500

## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Camp Villere National Guard Armory Renovation</b> Slidell, LA LA Department of Veterans Affairs John Davis 225-342-0849	<p>Infinity was responsible for all mechanical, plumbing, and electrical design of (3) new buildings on site at the new Veterans Cemetery at Camp Villere National Guard Armory. The project included preparing plans and specifications for site utilities and infrastructure, and structural, mechanical, electrical, and plumbing systems for the three buildings. The project also involved mechanical and electrical design to support two sewer package plants and fuel storage and dispensing systems.</p> <p>The mechanical system design included split system air conditioning units for the administration building and office area, vehicle bay heating systems, and vehicle exhaust capture systems. Plumbing designs provided for toilet and break rooms, as well as fuel storage and fueling station for the cemetery maintenance equipment.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
June 2016	\$6,800,000	N/A

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>RTA Napoleon Facility Modernization</b> New Orleans, LA RTA Camille Darbonne 504-524-8880	<p>The Regional Transit Authority's Napoleon Facility, which is included on the National Register of Historic Places is slated for renovation to be used as the RTA Commissioner's Board Room. Infinity inspected the mechanical, structural, plumbing fire protection and electrical systems of the 16,000 sq ft building and proposed underpinning of the foundation, repair of the walls and roof framing, as well as mechanical and electrical upgrades and repairs to the building. The structure has a partially failed foundation that has caused one wall to lean, fracturing adjacent walls and floors.</p> <p>Infinity worked with an architect to tailor renovations around preservation of the historic features of the building. Demolition plans included the selective demolition of interior walls and portions of steel truss roof support framing to create larger interior spaces and to facilitate replacement of portions of corroded roof framing. They also included demolition of existing mechanical, electrical, and fire suppression systems for replacement.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
On Hold	\$2,290,000	\$2,290,000

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p style="text-align: center;"><b>Dillard University Dorm &amp; Campus Infrastructure</b></p> <p>New Orleans, LA Dillard University Adonis Woods 504-816-4375</p>	<p>As Prime Consultants, Infinity provided Civil, Structural, Mechanical and Electrical Engineering designs for the improvements and upgrades to multiple systems throughout the Dillard University campus. The project ranges from civil road work to electrical lighting and low voltage communications systems.</p> <p>The designs included the removal of an existing guard shack and foundation at the St. Anthony entrance to realign the entrance and intersecting roads and provide access control via a new guard shack. The roadway realignment also widened the existing roadway, drainage modifications, roadway curbs, sidewalks, and building landing and exit stairs in the parking lot of Albert W. Dent Hall. These designs allow for safe 2-way vehicular travel within this section of the roadway.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
November 2020	\$1,000,000	\$1,000,000

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p style="text-align: center;"><b>Braithwaite Auditorium Design</b></p> <p>Braithwaite, LA Plaquemines Parish Government Byron Williams 504-297-5560</p>	<p>Infinity provided engineering design services and hazard mitigation for the new 7,800 sq.ft. auditorium. This FEMA-funded project replaced the previous Braithwaite Auditorium, which was damaged by Hurricane Katrina flood waters and winds.</p> <p>Infinity's services included all structural, electrical, mechanical, fire protection and plumbing components, as well as construction administration, for the new auditorium. The new building includes a 6,500 sq. ft. open auditorium and stage area, catering kitchen/ concession space, and restrooms. The finished floor is elevated 21 feet above the Advisory Base Flood Elevation (ABFE).</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2012	\$2,700,000	\$1,100,000

## 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. Parish of Jefferson, State of Louisiana, and Louisiana Stadium and Exposition District	N-Y Associates, Inc., Greg G. Gardiol, AIA Soil Testing Engineers, Inc., Chad M. Poche, P.E., Ardaman & Associates, Inc., Meyer Engineers, LTD., Infinity	As a result of mediation, the Parish and defendants agreed that legal proceedings related to the Alario Center Hall C Expansion were resolved amicably, by settlement. The settlement, authorized by Council on October 7, 2015, was not an admission of fault or negligence, and, therefore not a judgment against Infinity or the other defendants. Jefferson Parish agreed to
2.	Engineering Consultants, LLC, William Thomassie, P.E., and Zurich American Insurance Company	release any and all past, present and future claims against Infinity related to the Alario Hall C Expansion and any remedial work that has been or may be performed. The settlement has been agreed upon by all defendants and Jefferson Parish to avoid further legal costs. The case number is 729084, filed with the 24th Judicial District Court for the Parish of Jefferson.
3.		
4.		

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

Infinity Engineering Consultants, LLC is a broad spectrum firm with focus on Mechanical, Electrical, Civil, and Structural disciplines. Founded and located in New Orleans. Infinity's total full-time staff includes (20) engineers, (9) AutoCAD designers, and administrative support personnel. In support of Infinity's diverse capabilities, our staff includes registered electrical, mechanical, and civil engineers. The Principals of the company are both licensed professional engineers in the State of Louisiana.

Construction Permitting often involves every level of government, including local, state and federal concerns. Infinity engineers have experience securing permits from a wide variety of agencies. Whether it is approval from the State Fire Marshall, the EPA, Minerals Management Service, or the U.S. Army Corps of Engineers, Infinity understands the process and can assist you every step of the way.

Infinity can provide Construction Management and Inspection Services for projects involving civil, structural, mechanical or electrical construction. We can provide an experienced construction manager who oversees all phases of construction, from contract award through commissioning. Our inspectors will coordinate between the contractor and the client, understand budget, deadlines, and will be there to resolve deviations in the field, as they occur.

Infinity Engineering Consultants is equipped to handle all of our clients' drafting needs. Due to the diverse array of services offered, our drafting team is familiar and skilled at providing the multi-disciplinary effort that is often required to complete a job. Infinity offers drafting services in AutoCAD 2020, REVIT 2020, and Civil 3D 2020. Drawings may be converted to older versions of AutoCAD as required to meet client needs.

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

Signature: 

Print Name: Raoul V. Chauvin, III, P.E.

Title: Principal

Date: January 15, 2021



## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

Resolution 136764 - Provide Professional Architectural Services and Engineering Services on and "As Needed" Basis for Architectural Type Projects Throughout Jefferson Parish

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

Joseph Furr Design Studio, LLC  
635 Main Street  
Studio 4  
Baton Rouge, LA 70801

**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:**

Joseph W. Furr, ASLA, Managing Member  
LA Landscape Architect License #20-0322  
Phone: 225-383-0311

**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.**

Joseph W. Furr, ASLA, Managing Member  
LA Landscape Architect License #20-0322  
Phone: 255-383-0311

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

<u>1</u> Administrative	<u>    </u> Estimators	<u>    </u> Specification Writers
<u>    </u> Architects (Licensed)	<u>    </u> Geologists	<u>    </u> Structural Engineers
<u>    </u> Chemical Engineers	<u>    </u> Geotechnical Engineers	<u>    </u> Graduate Engineers
<u>    </u> Civil Engineers	<u>    </u> Interior Designers	<u>    </u> Project Managers
<u>    </u> Construction Inspectors	<u>1</u> Landscape Architects	<u>    </u> Clerical
<u>    </u> Ecologists	<u>    </u> Land Surveyor	<u>    </u> Grant/Funding Specialist
<u>    </u> Electrical Engineers	<u>    </u> Mechanical Engineers	<u>    </u> Sanitary Engineers
<u>    </u> Engineer Intern	<u>    </u> Environmental Engineers	<u>3</u> Degreed Landscape Arch Assoc.
<u>    </u> Professional Land Surveyors		<u>5</u> <b>TOTAL</b>

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

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

## TEC Professional Services Questionnaire

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

1.  
N/A

2.

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

4



## 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:**

Joseph W. Furr, ASLA  
Managing Member - Joseph Furr Design Studio, LLC (JFDS)

**Project Assignment:**

Landscape Architecture - Principal in Charge

**Name of Firm with which associated:**

Joseph Furr Design Studio, LLC

**Years' experience with this Firm:**

24 years

**Education: Degree(s)/Year/Specialization:**

Bachelor of Landscape Architecture/1986/Landscape Architecture  
Robert S. Reich School of Landscape Architecture at Louisiana State University

**Active registration: Year first registered/discipline:**

Registered 2/5/1988 - Louisiana Landscape Architect  
License #20-0322  
Dept. of Agriculture & Forestry Registration - #F-298

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

See attached firm/personal profile for specific experience & qualifications

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Matt Wilks Studio Manager - Joseph Furr Design Studio, LLC (JFDS)
<b>Project Assignment:</b>
JFDS Project Manager
<b>Name of Firm with which associated:</b>
Joseph Furr Design Studio, LLC
<b>Years' experience with this Firm:</b>
17 years
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Landscape Architecture/1998/Landscape Architecture Robert S. Reich School of Landscape Architecture at Louisiana State University
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
See attached firm/personal profile for specific experience and qualifications

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Christopher George Landscape Architecture Degree - Associate
<b>Project Assignment:</b>
Project Support
<b>Name of Firm with which associated:</b>
Joseph Furr Design Studio, LLC
<b>Years' experience with this Firm:</b>
) years
<b>Education: Degree(s)/Year/Specialization:</b>
Bachelor of Landscape Architecture/2014/Landscape Architecture Robert S. Reich School of Landscape Architecture at Louisiana State University
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
See attached firm/personal profile for specific experience and qualifications

## 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:**

Indigo Lu  
Landscape Architecture Degree - Associate

**Project Assignment:**

Project Support

**Name of Firm with which associated:**

Joseph Furr Design Studio LLC

**Years' experience with this Firm:**

2 years

**Education: Degree(s)/Year/Specialization:**

Bachelor of Engineering /2014/Urban Planning - Zhejiang University, Hangzhou, China  
Master of Landscape Architecture/2016/Landscape Architecture - Robert S. Reich School of Landscape Architecture at Louisiana State University

**Active registration: Year first registered/discipline:**

N/A

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

See attached firm/personal profile for specific experience and qualifications



# TEC Profesional Services Questionnaire

## PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b>Bucktown Harbor Park</b></p> <p><b>Project Location:</b> Bucktown Louisiana  <b>Principal in Charge:</b> Joseph Furr, ASLA  <b>JFDS Project Manager:</b> Joseph W. Furr  <b>Client:</b> Jefferson Parish  <b>Contact:</b> Jennifer Van Vrancken          (Ph) 504.736.6634          (E) JennVanV@Jeffparish.net.com</p>	<p><b>Prime Consultant for Master Plan &amp; associated projects</b></p> <ul style="list-style-type: none"> <li>• Developed master site development plan</li> <li>• Exist Rec. opportunities &amp; assessment</li> <li>• Stormwater master plan</li> <li>• Educational signage and park signage design</li> <li>• Studied potential greenway linkages</li> <li>• Concepts for complete street improvements along neighborhood edges</li> <li>• LWCF Grants - Pending Award \$1,250,000</li> </ul> <p><b>Sub Consultant of Completed projects</b></p> <ul style="list-style-type: none"> <li>• Provided landscape architectural design support for boardwalk , birding blinds and entry features to the boardwalk</li> </ul>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>Master Plan Fall 2020 (A)          Ongoing Construction Projects spring - summer 2020 (A)</p>	<p>Total construction in master plan items living shoreline &amp; boardwalk:          \$30,000,000 (E)</p>	<p>Master plan and initial phases of construction \$4M (E)</p>





# TEC Profesional Services Questionnaire

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>St. Tammany RD 14 Master Planning "The Great Park at Coquille" 2008 and Coquille 2.0 - Master Plan update2017</b>  <b>Project Location:</b> Covington, Louisiana <b>Principal in Charge:</b> Joseph Furr, ASLA <b>JFDS Project Manager:</b> Matt Taylor <b>Client:</b> St. Tammany Parish Recreation District No. 14 <b>Contact:</b> Ken Dutruch (225) 235-7908 kdutruch@pecla.com	<b>Prime Consultant for Master Plan</b> <ul style="list-style-type: none"> <li>• Developed Rec. District Mission Statement &amp; Core Values</li> <li>• Lead public outreach &amp; input</li> <li>• Completed Survey &amp; Assessment</li> <li>• Exist Rec. opportunities &amp; assessment</li> <li>• Developed recreation needs &amp; demand analysis</li> <li>• Site feasibility &amp; wetland permitting</li> <li>• Recreation District Branding &amp; Logos</li> <li>• Park Master Plan</li> <li>• Studied potential greenway linkages</li> <li>• Plans used for Municipal Bond elections</li> <li>• LWCF Grants - Awarded \$800,000</li> <li>• Recommended staffing, maintenance &amp; structure for operations.</li> <li>• Integrated existing parent-run sports leagues with Rec. District management</li> </ul>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Original Master Plan Fall 2008 (E) 2.0 Master Plan Update Spring 2017 (E) Ongoing Construction Projects (N/A)	Total construction in master plan: \$27,000,000 (E) Completed to Date: \$9,000,000 (E)	Design - Construction Documents CA of projects from 2008-2018: \$4M Prime Consultant for: MP, Team coordination, public input, graphics, bond promotion To Date:\$5M (E)

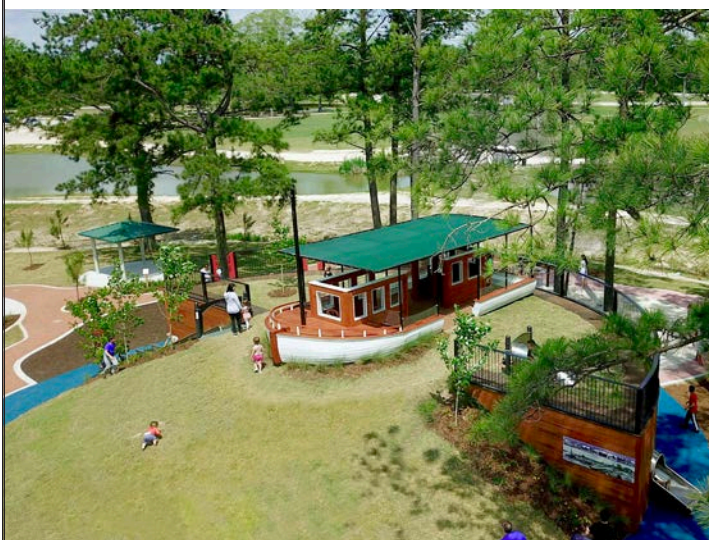
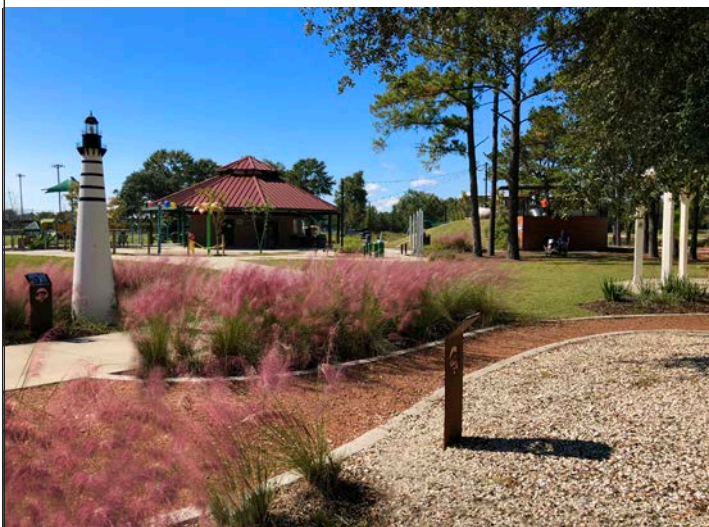
The original Master Plan consisted of master planning for the Recreation District and started with a visioning process and the development of a mission statement, core values, and re-branding the District as Coquille Recreation. Plans for the main 135-acre park were developed, as well as linear park linkages and other potential recreational sites within the District, along with recommendations for future program, staffing, and management. At the heart of the plan was the Great Park at Coquille, a multiuse recreational facility providing sports and entertainment venues for the public. Additional designs for new facilities, entrances and wayfinding signage have embraced the new mission and core values as well as the new brand. The master plan is currently being developed in a phased manner, with several phases completed and more in the design or construction phases. 2.0 updated the plans for new green infrastructure, changes in recreational demand and local historic context. Both plans received awards for Planning from The Louisiana Chapter of the American Society of Landscape Architects





## TEC Profesional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location and Owner's contact information:</b>  <b>St. Tamman's Playground - The Great Park at Coquille</b>  <b>Project Location:</b> Covington, Louisiana <b>Principal in Charge:</b> Joseph Furr, ASLA <b>JFDS Project Manager:</b> Matt Taylor <b>Client:</b> St. Tammany Parish Recreation District No. 14 <b>Contact:</b> Ken Dutruch 225.235-7908	<b>Nature of Firm's Responsibility:</b>  The prime consultant for this, new destination playground inspired by the history and natural systems of St. Tammany Parish and the town of Madisonville. The play space represents the geologic and natural history, as well as the economic and past of the north shore. Services include: <ul style="list-style-type: none"> <li>Schematic plan for walking trails and playground project</li> <li>Design development for the project</li> <li>Construction documents - construction administration</li> <li>LWCF grant administration interface with LA Outdoor Recreation (2 LWCF Grants)</li> </ul>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
April 2018 (A)	\$1,500,000 (E)	\$1,500,000





## TEC Profesional Services Questionnaire

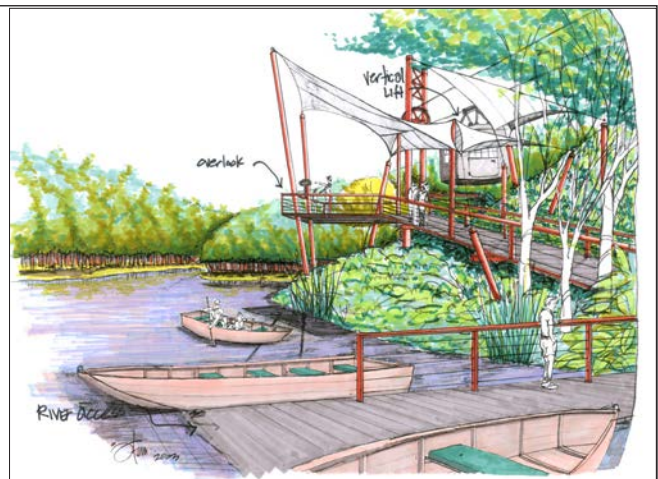
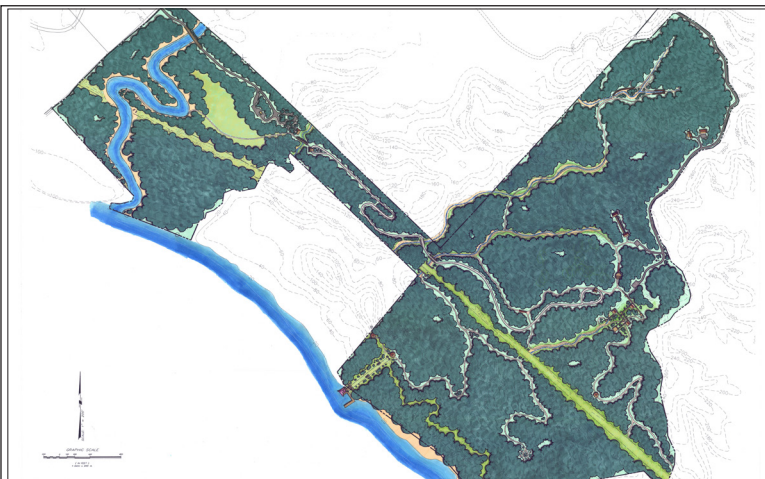
<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>North Boulevard Town Square &amp; Galvez Plaza, Phases I &amp; II</p> <p><b>Project Location:</b> Baton Rouge, Louisiana  <b>Principal in Charge:</b> Joseph Furr, ASLA (part of Joint venture with Brown-Danos)  <b>JFDS Project Manager:</b> Matt Wilks  <b>Client:</b> Baton Rouge Downtown Development District  <b>Contact:</b> Davis Rhorer, Executive Director DDD - 225.389.5520 (e) DRHORER@brla.gov</p>	<p>JFDS was part of JV Prime Consultant with primary responsibility for public outreach, programming, site planning and design; secondarily responsible, but highly involved, with development of the construction documents and construction administration. Coordinated the team's diverse group of consultants and users to develop a program with variety of activities for the space. Worked with civil engineers to merge the landscape with the traffic design. Phase 2 includes TE grant funding. Phase 1 approximately \$7 million and phase 2 is approximately \$2 million in construction.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>Phase 1 (A) Fall 2011 Phase 2(E) Spring 2018</p>	<p>\$9,000,000</p>	<p>\$9,000,000 (E) (As part of JV)</p>





## TEC Profesional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location and Owner's contact information:</b>  <b>TUNICA HILLS MASTER STATE PRESERVATION AREA - Master Plan</b>  <b>Project Location:</b> West Feliciana Parish, Louisiana <b>Principal in Charge:</b> Joseph Furr, ASLA <b>Client:</b> Louisiana Office of State Parks <b>Contact:</b> Suzette Simms 225-342-8088	<b>Nature of Firm's Responsibility:</b>  This site was master planned to maintain the natural assets of the land: hardwood forests, waterfalls, clear water sandy streams, severe topography, and the Mississippi Riverfront. The intent of the project was thus to create a natural area that truly interprets the spectacular natural assets of the site in a dynamic and eco-sensitive way while still becoming a major eco-tourism draw to the area. The main Interpretive Center, a series of glass tree houses is supplemented by 27,000 linear feet of hiking trails, interpretive camps, primitive and group camps, and a river overlook. Construction documents for the first phases were completed but the project was postponed due to state budget cuts.	
<b>Completion Date (Actual or estimated):</b>  Master Plan & CD's 2005 (E)	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
	\$15,000,000	\$2,000,000





## TEC Profesional Services Questionnaire

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Bogalusa's Cassidy Park &amp; Bogalusa Greenway</b>  <b>Project Location:</b> Bogalusa, Louisiana <b>JFDS Principal in Charge:</b> Joseph Furr, ASLA <b>JFDS Project Manager:</b> Matt Wilks <b>Client:</b> City of Bogalusa Louisiana <b>Contact:</b> Landon Timms, Director of Parks & Recreation 985.516.3870	Renovations to a 30-acre multipurpose park including the creation of a new amphitheater and entertainment venue for the Bogalusa Blues Festival and other cultural events. The master plan provides new goals for the redevelopment of this city resource into a modern multiuse facility and has caused a renewed interest in this city park. New facilities being developed include 1st phase greenway, splash pad and playground, as well as the amphitheater, cafe and other general infrastructural improvements.  <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           Prime Consultant Master Plan            • Lead Public outreach &amp; input            • Completed Survey &amp; Assessment            • Assessed exist Rec. opportunities            • Documented Public recreation desires            • Completed Park Master Plan            • LWCF Grants Awarded: \$400,000            • Created economic development resource         </div> <div style="width: 35%;">           • Developed Greenway plan            • Obtained Federal Recreational Trails Grant            Construction of Phase 1 - 3            • Schematic Design            • Design development            • Construction Documents &amp; Bid Administration            • Construction Administration         </div> </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<b>Master Plan</b> (A) Spring 2013  <b>Construction</b> Phase 1 Const. (A) June 2015 Rec Trail (E) Nov. 2015	\$750,000	<b>Master Plan</b> <b>Construction Phase 1&amp;2 Const</b> <b>Rec. Trails</b> \$750,000





## TEC Profesional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>AZ Young Park</b>  <b>Project Location</b> -Downtown Baton Rouge, LA <b>Principal in Charge:</b> Joseph Furr, ASLA <b>JFDS Project Manager:</b> Matt Wilks <b>Client:</b> Office of State Buildings, LA FP&C <b>Client Contact:</b> Lisa Smeltzer, FP&C 985.516.5604	Sub-consultant to the architects for the demolition project as the first phase of the work. Provided the landscape architectural programming which expanded the scope to include a more complete multipurpose park, garnering additional funding. Provided full landscape architectural services for the landscape and hardscape as sub-consultant to the architects. The Phase 2 project was almost completely landscape architectural in nature.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
(A) 2007	\$1,632,503 (E)	(A) \$1,000,00 (E)





# TEC Profesional Services Questionnaire

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Air Base Park Master Plan</b> <b>For:</b> Terrebonne Parish Recreation District 11  <b>Project Location</b> - Houma, LA <b>Principal in Charge:</b> Joseph Furr, ASLA <b>JFDS Project Manager:</b> Matt Taylor <b>Client:</b> The State of Louisiana <b>Client Contact:</b> Chris Pulaski, Director of Planning (985) 873-6568 pulaski@tpcg.org	<b>Background:</b> The site for Airbase Park in Houma, Louisiana, is a consolidation of three park properties and a contiguous open site to create one 123-acre community park in Terrebonne Parish. The plan creates a new vision for the park, consolidating land, improving circulation, and recreating some of the old venues in order to revive the vitality, while providing walk up recreation for the community and economic impact through tourism. The vision is to restore the park to its former place of community wide asset within the Parish. City Park was once and should again be "everyone's park". Services Provided include: Public Outreach, Site Analysis, Recreation Needs & Demand determination, Re-visioning of the Parks Identity, Site Master Planning, Computer Simulated Promotional Graphics, Coast Projections, Phasing Recommendations, Executive Summary, Cross-Parish Recreation Coordination.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Fall 2017 (E)	Total Construction outlined in MP: \$7,000,000 (E)	Master Plan Fee: \$35,000 Future Construction: TBD





## TEC Profesional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<b>Perkins Road Park</b>  <b>Project Location:</b> Baton Rouge, Louisiana <b>Principal in Charge:</b> Joseph Furr, ASLA <b>JFDS Project Manager:</b> Matt Wilks <b>Client:</b> Baton Rouge Recreation & Parks Commission (BREC) <b>Contact:</b> Reed Richard - Project Landscape Architect for BREC (225) 273-6405	Prime Consultant Master Plan <ul style="list-style-type: none"> <li>• Lead Public outreach &amp; input</li> <li>• Designed to unify conflicting usergroups</li> <li>• Completed Survey &amp; Assessment</li> <li>• Completed Site feasibility</li> <li>• Completed Park Master Plan</li> <li>• Park Logos &amp; Branding</li> <li>• Considered greenway linkages to other recreation areas in the city</li> </ul> Design Consultant Phase 1 Construction Design thru Construction Administration of \$ 5 Million in construction - designers of all facilities except the skate park & BMX	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Master Plan (A) Spring 2009  Construction Phase 1 Const. (E)	\$5,300,000 (E)	<b>Master Plan</b> (A) \$35,000  <b>Construction</b> (E) \$ 4,500,000





# TEC Profesional Services Questionnaire

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Terrebonne Parish Recreation - Bayou Country Park</b></p> <p><b>Project Location:</b> Houma, Louisiana  <b>Principal in Charge:</b> Joseph Furr, ASLA  <b>JFDS Project Manager:</b> Matt Wilks  <b>Client:</b> Terrebonne Parish Consolidated Government &amp; Rec District 2/3  <b>Contact:</b> Chris Pulaski, Sr. Planner &amp; Zoning Admin. (985) 873-6568</p>	<p><b>Prime Consultant Master Plan</b></p> <ul style="list-style-type: none"> <li>Lead public outreach and input</li> <li>Completed survey and assessment</li> <li>Assessed exist Rec. opportunities</li> <li>Projected Recreation Needs &amp; Demand</li> <li>Completed site feasibility</li> <li>Completed park master plan</li> <li>Park logos and branding</li> <li>LWCF Grants Awarded: \$500,000</li> <li>Plans used for municipal bond elections ( Hotel-Motel tax passed)</li> <li>Integrated existing club soccer with Rec District management</li> </ul> <p><b>Prime Consultant Phase 1 Construction</b>            Design thru Construction Administration of \$ 5 Million in construction.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
Master Plan (A) Spring 2013 Construction Phase 1 Const. (E) Winter 2015 pending infrastructure improvements to open	Total in Master Plan: \$23,000,000 Constr. To Date: \$6,300,000 (E)	Master Plan Fee Construction To Date: \$5,000,000 (E)



## TEC Professional Services Questionnaire


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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A	N/A	No prior/ongoing litigation
2.		
3.		
4.		

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

See attached firm profile for additional qualifications

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

Signature:  \_\_\_\_\_ Print Name: Joseph W. Furr , ALSA  
Title: Managing Member Date: January 20, 2021





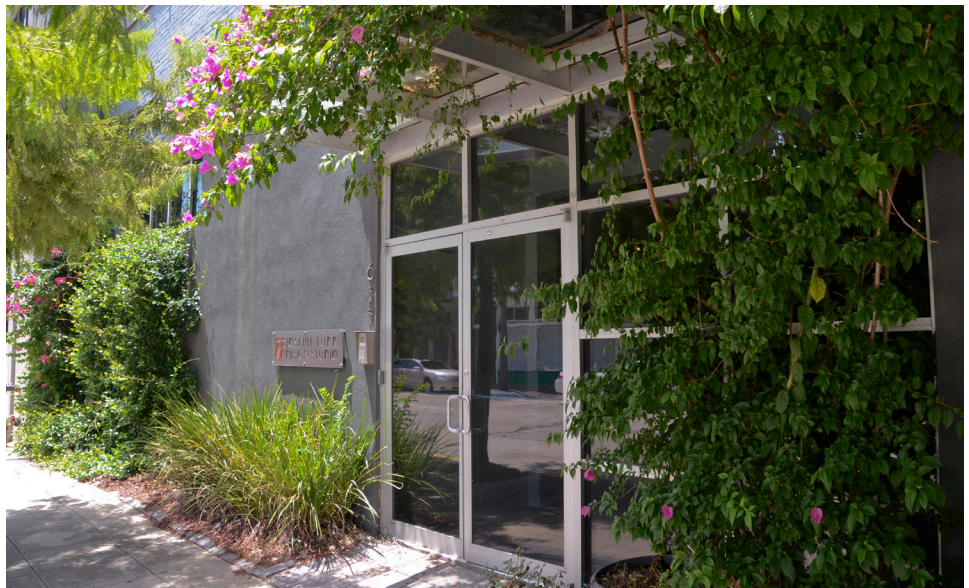
## THE FIRM

JOSEPH FURR DESIGN STUDIO (JFDS) was founded in 1996 on the principles of providing quality planning and landscape architectural services that are sensitive to the natural landscape, the community, and the users' needs. While we are a full service landscape architectural firm, our primary area of expertise is parks and recreation projects. Since our founding in 1996, this realm of practice has steadily grown and now accounts for approximately 75% of our work. In addition, teaming with others to create better solutions is a large part of our firm philosophy. The quality of our work has consistently been acknowledged by our peers, with the founding member and firm receiving twenty-two Honor and Merit Awards from the Louisiana Chapter of the American Society of Landscape Architects for both master planning and design, as well as many other awards of local, state and national significance. We designed the LSU "Tiger Park" women's softball field, which received the national Sports Turf Managers Association's acclaimed Field of the Year award in 2012. Memberships past and present in the American Society of Landscape Architects (ASLA), the American Sports Builders Association (ASBA) and the Sports Turf managers Association (STMS), have been a consistent source of professional development for the firm since the late 1980's.

### Responsive. Creative.

Our projects are a clear reflection of the desires of our clients, the characteristics of each site, and the expertise of our team - through this collaboration we achieve our greatest success. It starts with your vision and doesn't end until the smallest detail has been perfected.

### Responsive to you. Creative for you.







## AWARDS

### LOUISIANA CHAPTER ASLA

#### Honor Awards

East Baton Rouge Parish  
Urban Forest Management Plan\*

Lighthouse Park & Memorial Plaza

North Boulevard Town Square

A.Z. Young Park @ the Louisiana State  
Capitol Grounds

Airbase Park Master Plan

The Fricke Residence

St. George Catholic Church Master Plan

Electric Depot Adaptive Use Master Plan

One STM - St. Thomas More Church and  
School Master Plan

#### Merit Awards

Chief Tammand's Playground

Bayou Country Park Master Plan

North Boulevard Town Square MP

Louisiana State Parks Plan 2010\*

Tunica Hills State Preservation Area

New Orleans Upriver Greenway Corridor  
Master Plan \*\*

Shaw Group Corporate Headquarters

St. James Episcopal Church  
& Day School

St. Aloysius Catholic Church\*

1955 Steele Boulevard

Coquille Master Plan

Coquille 2.0 - Master Plan Updated for  
Green Infrastructure

Perkins Road Community Park

The Great Park at Coquille

First Presbyterian Church

Taylor Porter Rooftop Gardens

A Garden with Deep Foundations - Cajun  
Industries

\*Joseph Furr as Principal with Reich Associates

\*\*Lead planner w/ SJB Group

Our staff includes one licensed landscape architect and two BLA's and one MLA all graduates of the Robert S. Reich School of Landscape Architecture at LSU, and an office manager. We enjoy many years of working together as a team.



### OUR TEAM

The principal Landscape Architect, Joseph W. Furr, ASLA, has been involved with projects of all scales, including urban streetscapes, waterfront developments, religious institutions, office complexes, land planning projects, and private residences. The JFDS team also includes project manager, Matt Wilks, and associate Christopher George, Indigo Lu, and office manager, Laurie Mitchell. Our office is located at 635 Main Street, Baton Rouge, LA 70801.

## FIRM PROFILE





## AWARDS

### BATON ROUGE GROWTH COALITION

#### Good Growth Awards

North Boulevard Town Square  
St. James Church

Shaw Group Corporate Headquarters

635 Main Street

Eden Park Library

Richland Residence

7550 LaSalle Condominiums

Dufrocq Elementary School

II City Plaza

O'Brien House

Iberville Veterans' Memorial

Audubon Square

North Boulevard Town Square  
2012 People's Choice Award

The Preserve at Harveston

Taylor Porter Rooftop Garden

St. George Catholic Church Master Plan

Cajun Industries

### INTERNATIONAL DOWNTOWN ASSOC.

2012 Merit Award in Urban Spaces  
North Blvd Town Square

2010 Planning Award  
North Blvd Town Square

2012 Award for Economic Development  
Municipal Association  
North Blvd. Town Square

2012 City Livability Merit Award  
North Blvd. Town Square

2012 Best Landscape Hardscape  
Urban Development Project  
Engineering News Record TX/LA

2012 Excellence in Construction  
Assoc. Builders & Contractors

## OUR APPROACH

All of the projects in our office receive a project manager as a contact person for the duration of the project, and staff level personnel are assigned as needed to meet the deadlines at hand. Our Managing Principal is also fully engaged with the work throughout and is intimately involved with all of our projects. Our philosophy of team building and our workshop fashion of design enables the work to get done with the quality we are committed to, but in a timely manner and within budget. Through our years of experience with the public, developers, municipalities, and state and federal agencies, we have developed a system of producing projects from the master planning level through construction and management, understanding the laws governing public bidding and construction administration. In short, our process allows for smooth collaboration within the team and we do what it takes to make our clients happy. Projects are staffed as needed to complete the work in a timely fashion with ample quality control checks and documentation.

## OUR PROJECTS

JFDS has worked on many master planning projects for parks, parishes and cities, some of which are:

- Bucktown Harbor Park, Bucktown - Jefferson Parish, LA
- Coquille Parks and Recreation Master Plan, St. Tammany Parish
- Bayou Country Sports Park, Terrebonne Parish
- Airbase Park, Terrebonne Parish
- Perkins Road Community Park Master Plan for BREC
- City of Ocean Springs, Mississippi Parks and Recreation Master Plan
- West Feliciana Parish Parks and Recreation Master Plan Update 2015
- Cassidy Park Master Plan, Bogalusa, LA
- Tunica Hills State Preservation Area Master Plan, West Feliciana Parish
- Louisiana State Parks Master Plan 1997-2010 (Principle in Charge w/ Reich Associates)
- West Feliciana Sports Park Master Plan (Lead planner w/ SJB Group)
- City of Opelousas Parks and Recreation Master Plan (Lead planner w/ SJB Group)
- Ascension Parish Riverfront Master Plan (Lead planner w/ SJB Group) USACE
- Atchafalaya Basin Design Guidelines (Support Planner w/ SJB Group) USACE
- Shreveport & Caddo Parish, LA Recreation Master Plan (Lead planner w/ SJB Group)
- North Lake Charles Riverfront Parkway and Redevelopment Plan



## FIRM PROFILE



LANDSCAPE ARCHITECTURE & PLANNING



JFDS has also developed award winning Landscape Architectural projects in urban design, corporate and religious campuses across Louisiana and Mississippi:

- North Boulevard Town Square, Baton Rouge, LA
- Shaw Group Corporate Headquarters, Baton Rouge, LA
- City Plaza and II City Plaza Office Buildings, Baton Rouge, LA
- AZ Young Park, Capital Park Baton Rouge, LA
- Lighthouse Park & Memorial Plaza (Hancock Bank Headquarters), Gulfport, MS
- St. James Church and School, Baton Rouge, LA
- First Presbyterian Church, Baton Rouge, LA
- Cox Communications Regional Headquarters, Baton Rouge, LA
- LSU PMAC Basketball Practice Facility, Baton Rouge, LA
- Southern University, Baton Rouge, LA
- Dufrocq Elementary School, Baton Rouge, LA



Through professional relationships in the sports turf industry, JFDS has emerged as one of the state's leading experts in sports turf design and support. The JFDS team has developed detail designs and construction for over 30 baseball/softball venues, as well as many soccer and football fields, including several college facilities. Some of the firm's experience on sports field projects and park construction projects includes:

- LSU Women's Softball Stadium
- LSU Football Practice Fields
- LSU Student Recreation Athletic Field Complex
- LSU Varsity Tennis Facility
- Bayou Country Sports Park Softball Complex, Houma, LA
- Ocean Springs Sportsplex, Ocean Springs, MS
- New Roads Community Field, New Roads, LA
- Jimmy Downs Sports Complex, Alexandria, LA - Baseball
- Lee Hines Field at Southern University, Baton Rouge, LA - Baseball
- Mumford Stadium at Southern University, Baton Rouge, LA - Football
- Southern University Womens' Soccer Complex, Baton Rouge, LA●
- St. James Episcopal Church, Baton Rouge, LA
- St. James Episcopal School Playground, Baton Rouge, LA
- First Presbyterian Church Playground, Baton Rouge, LA
- McComb Sports Park, City of McComb, MS
- Dunham Football Field, The Dunham School, Baton Rouge, LA



### **Joseph W. Furr, ASLA**

Landscape Architect  
Principal in Charge  
34 Years Experience

### **EDUCATION**

Bachelor Landscape Architecture  
Louisiana State University - 1986

### **REGISTRATION**

CLARB Certified Landscape Architect  
Louisiana  
Mississippi  
Texas

### **ASSOCIATIONS**

American Society of Landscape Architects  
Louisiana Chapter  
President 1993  
Treasurer 1992  
American Sports Builders Association

### **LOCATION**

635 Main Street  
Baton Rouge, LA 70801

### **CONTACT**

(p) 225-383-0311  
(f) 225-383-0312  
(e) FurrJ@jfds.com

**Joseph W. Furr** is the managing member of Joseph Furr Design Studio, LLC, a Landscape Architectural and Land Planning firm located in downtown Baton Rouge. Joseph obtained a Bachelor of Landscape Architecture from LSU in 1986 and has remained in Baton Rouge throughout his career. He has also served as a teaching assistant in advanced graphics, and served as a guest lecturer and project juror many times at Louisiana State University. He was the Principal in Charge (PIC) of five projects that have received awards by the state's professional association, ASLA. From 1986 to 1987 he worked for the Caplinger Group, Ltd., a landscape architecture and planning firm in New Orleans, Louisiana, where he worked on numerous golf course community master plans and large-scale waterfront projects as a project team member.

From 1987 to 1996 he was a principal at Reich Associates Landscape Architects and Land Planners (RA) in Baton Rouge. While at RA, he was Principal in Charge of the firm's three ASLA award-winning projects, St. Aloysius Catholic Church, The East Baton Rouge Urban Forest Management Plan and The 1995 - 2010 LA State Parks Master Plan. Other notable projects managed as PIC while at Reich Associates include the City Park/University Lakes Management Plan, and master plans for Episcopal High School, University United Methodist Church and Camp Istrouma.

In 1996 Joey founded JFDS in order to focus on detail design for large public-use projects that affect more people than small-scale residential design. Since the inception, has developed many major parks projects in Louisiana and Mississippi. In 2002 he designed the grounds at the Shaw Group Corporate Headquarters, which received an ASLA award. As the lead planner with a team of architects and engineers, Joey received ASLA awards for the Tunica Hills State Preservation Area and the New Orleans Upriver Greenway Corridor Plans. Joey led the JFDS design team for the Lighthouse Park & Memorial Plaza in downtown Gulfport, MS, which is a center for cultural activities in the CBD. He was the principal in charge for the master plan of River Park, a 35-acre mixed-used development along the Mississippi riverfront in downtown Baton Rouge.

Joey has lead the firm from its inception and has built a strong planning and design firm that produces quality work across Louisiana and the Mississippi Gulf Coast. He is directly involved with all of the firms projects and is the main public facilitator, and firm manager. He has worked on many parks, parish and city master planning projects including the following (all projects worked on as JFDS principal unless otherwise noted):

- Bayou Country Sports Park, Houma, LA
- Coquille Parks and Recreation Master Plan, St. Tammany Parish, LA
- Perkins Road Community Park Master Plan for BREC, Baton Rouge, LA
- City of Ocean Springs Mississippi Parks and Recreation Master Plan
- Terrebonne Parish Bayou Country Park Master Plan, Houma, LA
- Cassidy Park Master Plan, Bogalusa, LA
- Tunica Hills State Preservation Area Master Plan, West Feliciana Parish, LA
- Louisiana State Parks Master Plan 1997-2010 (Principle in Charge w/ Reich Associates)
- West Feliciana Sports Park Master Plan (Lead planner w/ SJB Group)
- City of Opelousas Parks and Recreation Master Plan (Lead planner w/ SJB Group)
- Ascension Parish Riverfront Master Plan (Lead planner w/ SJB Group) USACE
- Atchafalaya Basin Design Guidelines (Support Planner w/ SJB Group) USACE
- Caddo Parish Parks & Recreation, Shreveport, Louisiana (Lead planner w/ SJB Group)
- North Lake Charles Riverfront Parkway and Redevelopment Plan

JFDS has also lead the public and community stakeholder input process for several master plan projects. Joey has lead the Bucktown Harbor Park master planning process to date and has served as the principal in charge for the design and construction documents for the work completed to date. He is the current lead design for the development of the park and has been working closely with the Parish and recreation department to move this project from concept to reality.





### **Matt Wilks**

BLA - Project Manager  
22 Years Experience

### **EDUCATION**

Bachelor Landscape Architecture Louisiana State University - 1998

### **CONTACT**

(p) 225-383-0311  
(f) 225-383-0312  
(e) WilksM@jfds.com

**Matt Wilks** is a Project Manager with Joseph Furr Design Studio, LLC. Upon graduation from LSU, Matt accepted a position with McDugald-Steele Landscape Architects and Contractors in Houston, Texas. Matt gained five and a half years of professional experience with McDugald-Steele, including three and a half years as Project Manager. While at McDugald-Steele, Matt was involved in the conceptual design, construction documentation, and implementation of a wide variety of projects including large-scale private residences and estates, multi-family housing communities, religious institutions, retail shopping centers, and corporate campuses. At McDugald Steele, Matt received the Grand Award from the Associated Landscape Contractors of America (ALCA) for the design and implementation of a private residence in Houston, Texas.

Matt has been on staff with JFDS since November 2003 and has been a Project Manager and Studio Manager since 2006. He is responsible for the firm's detail design development and production drawings. He has been directly involved with the production design and working drawings for most of the firm's major projects over the last several years. Since his employment with JFDS, Matt has been involved in the design of urban spaces, sports and recreational facilities, schools, and religious institutions. Matt assisted in the design and development of the New Orleans Upper Greenway Corridor, Ascension Parish Riverfront Master Plan, Lighthouse Memorial Park and Plaza, Gulfport, MS, and the Capitol Park Amphitheater in downtown Baton Rouge. He also completed the design and construction documents for the plaza in front of the Pete Maravich Assembly Center at LSU.

### **Relevant Experience**

**Cassidy Park - Bogalusa, LA.** This project consisted of the master planning and reclamation of a 30-acre Land & Water Conservation Fund Grant park along the Bogue Lusa Creek in Franklin Parish. The project included public meetings, interactive planning and user surveys, and vision for redevelopment. The resulting plan includes a new entertainment venue that was completed Fall of 2012. Additionally, the park received a 2012 LWCF grant to complete a splash pad, playground pavilions and canoe launch.

### **Bayou Country Park Master Plan - Terrebonne Parish, LA**

This project involved the development of a master plan for a new community park in Houma. Recently he completed a thorough inventory and analysis of existing recreation facilities within Terrebonne Parish to assess needs for a new community park in Houma. Additionally, Matt participated in a public workshop in which citizens of Terrebonne Parish were invited to express their input regarding what they envision in the proposed community park.

### **Other Relevant Experience**

- Perkins Road Community Park Master Plan for BREC, Baton Rouge, LA
- City of Ocean Springs Mississippi Parks and Recreation Master Plan
- Cassidy Park Master Plan, Bogalusa, LA
- Cassidy Park Splash Pad & Day Use Area, Bogalusa, LA
- Tunica Hills State Preservation Area Master Plan, West Feliciana Parish, LA
- City of Opelousas Parks and Recreation Master Plan (w/ SJB Group)
- City of Ocean Springs, Mississippi Parks and Recreation Master Plan
- Ft. DeRussy State Historic Site, Marksville, LA

### **Other Project Experience**

- Ascension Parish Riverfront Master Plan (w/ SJB Group) USACE
- North Lake Charles Riverfront Parkway and Redevelopment Plan
- Renaissance Hotel, Baton Rouge, LA
- River Park Mixed-Use Riverfront Development, Baton Rouge, LA





### **Christopher George**

BLA - Associate

7 Years Experience

#### **EDUCATION**

Bachelor Landscape Architecture  
Louisiana State University  
May 2014

#### **CONTACT**

(p) 225-383-0311  
(f) 225-383-0312  
(e) GeorgeC@jfds.com

### **Christopher George**

Chris joined the JFDS as an intern in January 2013. Since that time he has proved to be a valuable addition to the team. He assisted with the entrance and pool design as well as construction documents for The Preserve at Harveston, a mixed-use traditional neighborhood development. He has also assisted with modeling, computer renderings and presentation graphics for St. George Catholic Church. After receiving his Bachelor degree in Landscape Architecture in May of 2014, Chris was employed by JFDS as a full time Associate. Since 2016 Chris has increased his role to project manager and has taken a larger role in the management of construction documents, and stormwater management projects.

Chris was project manager for the \$1.5 million Tennis Center at Coquille in Covington and has also played the same role on tennis projects at LSU and currently at Grambling University in north Louisiana.

#### **Relevant Experience**

- The Great Park at Coquille - Chris assisted with presentation graphics for the playground at Coquille, as well as phasing for the completion of the master plan.
- Bayou Country Park Master Plan - Chris assisted with presentation graphics and modeling for the master plan.

#### **Other Project Experience**

- Danos Industrial, Houma, LA
- LSU Student Recreation Center, Baton Rouge, LA
- St. Jude the Apostle Church, Baton Rouge, LA
- St. George Catholic Church, Baton Rouge, LA
- LSU Tennis Facility, Baton Rouge, LA
- The Preserve at Harveston, Baton Rouge, LA
- Southern University Football and Soccer Complex, Baton Rouge, LA



### Indigo Lu

Landscape Architect Associate  
2 Year Experience

#### EDUCATION

BS in Urban Planning  
Zhejiang University  
June 2014

Master of Landscape Architecture  
Louisiana State University  
May 2016

#### CONTACT

(p) 225-383-0311  
(f) 225-383-0312  
(e) Indigo@jfds.com

### Indigo Lu

Indigo obtained a Bachelor degree in Urban Planning from Zhejiang University in Hangzhou, China and a Master degree in Landscape Architecture from LSU in 2016. During her last year in LSU, she worked in the Coastal Sustainability Studio as a Graduate Assistant where she polished her skills in photoshopping and diagramming. She also did internship in a renowned residential design firm in China in 2015 and 2018 to obtain handy experience in small-scale place-making.

Indigo joined the JFDS team as a Landscape Architect Associate in 2018. During her time in JFDS, Indigo has been involved with a variety of projects including parks, sports facilities, residential, schools and religious institutions. She has worked as the primary project associate for the Bucktown Harbor Park Master Plan assisting with site analysis, master plan and preliminary design. She was responsible for producing most of the graphics, 3D modeling and analysis for the plan and provided construction documents for the boardwalk and entryways at Bucktown Harbor,, St.Thomas More Catholic Church and School and Terrebonne Parish-Bayou Country Park project. She also helped with the construction documentation for various other residential and recreational projects.

#### Relevant Experience

- Bayou Country Park - LWCF

#### Other Project Experience

- St.Thomas More Catholic Church and School
- Bucktown Harbor Master Plan
- Electric Depot
- Wampold Residence
- Chateaux Dijon Phase Renovation
- First Presbyterian Security Fencing

## TEC Professional Services Questionnaire

### A. Project Name and Advertisement Resolution Number:

#### **Architectural/Engineering Services on an As-Needed Basis for Architectural Projects located throughout the Parish**

SOQ 20-20 | Resolution No. 136764

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



**BFM**  
CORPORATION, LLC  
Professional Land & Hydrographic Surveying

**BFM Corporation, LLC**

15 Veterans Memorial Boulevard  
Kenner LA 70062

### C. Name, title, & 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 (1998)

### D. Name, title, & 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., Executive Vice President**

504-468-8800 • 504-451-7500 cell • ralph@bfmcorporation.com

Registered Professional Land Surveyor, Louisiana No. 4329 (1974)

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

4	Administrative	-	Estimators	-	Specification Writers
-	Architects (Licensed)	-	Geologists	-	Structural Engineers
-	Chemical Engineers	1	Geotechnical Engineers	-	Graduate Engineers
-	Civil Engineers	-	Interior Designers	3	Project Managers
-	Construction Inspectors	-	Landscape Architects	*	Clerical ( <i>see Administrative</i> )
-	Ecologists	-	Mechanical Engineers	-	Grant/Funding Specialist
-	Electrical Engineers	*	Land Surveyor ( <i>*see PLS</i> )	-	Sanitary Engineers
-	Engineer Intern	-	Mechanical Engineers	4	Drafting/AutoCADD
1	Professional Land Surveyors	-	Environmental Engineers	7	Survey Crew Chiefs
				4	Instrument Men
				24	<b>TOTAL</b>

### 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 a 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 Prime Before (Yes or No):
1. <b>N/A</b>		
2.		
3.		

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

24 (all personnel, primary and support, will be available on all assigned projects)



## 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 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

**Project Assignment:**

Registered Professional Land Surveyor

**Name of Firm with which associated:**

**BFM CORPORATION, LLC**  
Professional Land & Hydrographic Surveying

**Years experience with this Firm:**

39 years (Founding Principal of BFM in 1982); 54 years total (1967)

**Education: Degree(s)/Year/Specialization:**

*Coursework, Building, Delgado College, New Orleans*  
*Coursework, Math, University of New Orleans*

**Active registration: Year first registered/discipline:**

1974, Professional Land Surveyor (Louisiana Lic. No. 4329)  
1974, Professional Land Surveyor (Mississippi Lic. 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.

Projects have included topographic surveying needed for a wide variety of engineering, architectural, construction, and other related endeavors. This work has included projects for numerous branches of virtually every regional city/parish/town government, multiple State agencies, Federal agencies, private/public companies, and numerous other public/private entities.

## TEC Professional Services Questionnaire

### Other experience and qualifications relevant to the proposed Project:


*Ralph P. Fontcuberta, Jr., PLS (continued)*

Mr. Fontcuberta's **surveying experience with Jefferson Parish can be traced back to BFM's inception in 1982**, and before 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**.

Relevant project history includes, but is certainly not limited to, the following:

- *Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA*
- *Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA*
- *Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA*
- *Jefferson Parish DPW Maintenance Building, Jefferson Parish, LA*
- *New Facility (15 Acres), Jefferson Parish, LA*
- *Fire Station No. 12, Jefferson Parish, LA*
- *T.H. Harris Middle School Surveying Services, Metairie, Jefferson Parish, LA*
- *East Jefferson High School Courtyard Improvements, Jefferson Parish School Board, Marrero, LA*
- *Lincoln Elementary School, Marrero, Jefferson Parish Public Schools, Jefferson Parish, LA*
- *Parish School Board Facilities Building Complex, Gretna, Jefferson Parish, LA*
- *Fire Department Garage/Fire Training Center, Jefferson Parish, LA*
- *Peter C Bertucci Elementary School (Ames Farms/Lower Estelle Plantation), Jefferson Parish, LA*
- *Lasalle Rest Room Building, Jefferson Parish, LA*
- *Marrero 911 Building, Jefferson Parish, LA*
- *Bridge City Fire Training Facility - FEMA Certificate, Bridge City, Jefferson Parish, LA*
- *DPW Maintenance Building, Jefferson Parish, LA*
- *New Construction (9 Lots), Jefferson Parish, LA*
- *John Quincy Adams Middle School, Metairie, Jefferson Parish, LA*
- *Lake Timberlane Station P-14-8, Harvey, Jefferson Parish, LA*
- *Bridge City Fire Training Facility - Slab Certificate, Bridge City, Jefferson Parish, LA*
- *FEMA Elevation Certificates for Multiple Structures at Various Campus Locations, Jefferson Parish Public Schools, Jefferson Parish, LA*
- *New Storage Building Construction Surveying, Marrero Middle School, Jefferson Parish, LA*
- *Harold Keller Elementary School, Metairie, Jefferson Parish, LA*
- *YMCA (East Jefferson Center), Metairie, Jefferson Parish, LA*
- *Belle Terre Library, Marrero, Jefferson Parish, LA*
- *Mike Miley Softball Concession Stand, Metairie, Jefferson Parish, LA*
- *L.W. Higgins High School, Marrero, Jefferson Parish, LA*
- *Chateau Estates Elementary School, Kenner, Jefferson Parish, LA*
- *Resubdivision of Jefferson Fire Station 11, Shrewsbury Subdivision, Jefferson Parish, LA*
- *Haynes Academy School, Metairie, Jefferson Parish, LA*
- *West Bank Regional Library, Harvey, Jefferson Parish, LA*
- *Fire Station 12, Jefferson, LA*

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Chad M. Poché, P.E.</b> Executive Vice President
<b>Project Assignment:</b>
Engineering Liaison
<b>Name of Firm with which associated:</b>
 Professional Land & Hydrographic Surveying
<b>Years experience with this Firm:</b>
4 years (became partial owner of BFM in 2017); 28 years total (1993)
<b>Education: Degree(s)/Year/Specialization:</b>
M.S., 1998, Civil Engineering, University of New Orleans B.S., 1993, Civil Engineering, Louisiana State University
<b>Active registration: Year first registered/discipline:</b>
Louisiana, Civil Engineer, No. 27667, 1998 Mississippi, Civil Engineer, No. 15405, 2002
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Poché 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 more than 25 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.</p> <p>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.</p> <p>BFM Corporation projects overseen by Mr. Poché would include:</p>

## TEC Professional Services Questionnaire

### Other experience and qualifications relevant to the proposed Project:

*Chad M. Poché, P.E. (continued)*

**Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA.** BFM prepared a site-specific topographic survey for the project site. (\$9,050 (fee); 2020)

**East Bank Water Treatment Plant Improvements, Jefferson Parish, LA.** BFM's surveying services located submerged pipes upon excavation as part of Task Order No. 3 of the project. (\$19,703 (fee); 2018)

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

**Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA.** BFM executed a site-specific topographic survey for the project, located at 1201 Elise Avenue in Metairie. (\$9,290 (fee); 2020)

**Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.** Site-specific topographic surveys for projects located at multiple Jefferson Parish Schools, including Airline Park Academy for Advanced Studies, Bonabel High School, Alfred Magnet Academy High School, Boudreaux, Geraldine Elementary, Bridgedale Elementary, Livaudais Middle School, Matas, Rudolph Elementary, McDonogh No.26 Elementary, Solis, Paul J. Elementary, Thomas West Jefferson, West Jefferson High, and Woodland West Elementary. (\$47,461 (fee); 2020)

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


**Lapalco Boulevard Bridge at Harvey Canal, Jefferson Parish, LA.** BFM provided extensive surveying services for a topographic survey and right-of-way (ROW) determination for the project. Project elements included setting GPS Static Control (5 permanent control points), traversing a proposed survey line, and land topography surveying. Additional phases included hydrographic topography of the project area, the right-of-way determination, and subsurface utility engineering (SUE). A Route Topographic Survey was also included as part of the scope. (\$575,738 (fee); 2019)

**Parc Des Familles Visitor Center, Jefferson Parish, LA.** BFM executed a topographic survey for the project site. (\$16,590 (fee); 2018)

**Memorial Baptist Church and School, Jefferson Parish, LA.** BFM provided surveying services for the project, which included boundary survey, location of improvements (including parking areas), and staking of property corners every 100 feet. BFM also executed a Survey Update with Builder's Package for the site at a later date. (\$15,200 (fee); 2020)



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<p><b>John Philip Thayer</b> Field Operations Supervisor</p>
<b>Project Assignment:</b>
<p>Field Operations Supervisor</p>
<b>Name of Firm with which associated:</b>
 <p><b>BFM CORPORATION, LLC</b> Professional Land &amp; Hydrographic Surveying</p>
<b>Years experience with this Firm:</b>
<p>13 years (joined BFM in 2008); 14 years total (2007)</p>
<b>Education: Degree(s)/Year/Specialization:</b>
<p>B.S., 2007, Physical Education, Trevecca Nazarene University</p>
<b>Active registration: Year first registered/discipline:</b>
<p><i>Professional Land Surveyor Registration in process, State of Louisiana</i></p>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Thayer is a Field Operations Supervisor with 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><b>Peter C Bertucci Elementary School (Ames Farms/Lower Estelle Plantation), Jefferson Parish, LA.</b> BFM provided topographic and boundary surveying services for lots H-322-D and H-322-E, Sec. 7 &amp; 10, T13S-R23E (Southeastern District of Louisiana). (JPPSS Proj 2009-09B) (\$27,386 (fee); 2011)</p> <p><b>New Facility (15 Acres), Jefferson Parish, LA.</b> BFM performed boundary surveying services for a new facility on a 15-acre site for the Jefferson Parish Department of Capital Projects. (Lot 31, Barabay Estates) (\$22,970 (fee); 2016)</p> <p><b>Clancy-Maggiore Elementary School for the Arts, Kenner, Jefferson Parish, LA.</b> BFM provided boundary surveying services for the project, which focused on improvements to the site. Later updates included a Form Board Certificate (FBC). (JPPSS Proj #2015-75) (\$19,940 (fee); 2017)</p> <p><b>Lincoln Elementary School, Marrero, Jefferson Parish Public Schools, Jefferson Parish, LA.</b> BFM provided topographic surveying services for a project at Lincoln Elementary School, located at 1429 Ames Boulevard in Marrero. Survey was requested by John O'Connor of Hewitt-Washington &amp; Associates. (\$18,160 (fee); 2009)</p>

## TEC Professional Services Questionnaire

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

*John Philip Thayer (continued)*

**Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.** Site-specific topographic surveys for projects located at multiple Jefferson Parish Schools, including Airline Park Academy for Advanced Studies, Bonnabel High School, Alfred Magnet Academy High School, Boudreaux, Geraldine Elementary, Bridgedale Elementary, Livaudais Middle School, Matas, Rudolph Elementary, McDonogh No.26 Elementary, Solis, Paul J. Elementary, Thomas West Jefferson, West Jefferson High, and Woodland West Elementary. (\$47,461 (fee); 2020)

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

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

**The New Liberty - Gretna No. 2 Academy, Jefferson Parish, LA.** BFM provided resubdivision and topographic surveying services for the project. (\$15,148 (fee); 2009)

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

**Woods Elementary School, Kenner, Jefferson Parish, LA.** BFM provided topographic and boundary surveying services for the project. (\$14,870 (fee); 2016)

**West Bank Regional Library, Harvey, Jefferson Parish, LA.** BFM provided boundary and topographic surveying for the project. (\$13,433 (fee); 2017)


**Fulton Street Pump Station, Jefferson Parish, LA.** BFM provided complete boundary and topographic surveying services for the project. (\$11,890 (fee); 2017)

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

**Memorial Baptist Church and School, Jefferson Parish, LA.** BFM provided surveying services for the project, which included boundary survey, location of improvements (including parking areas), and staking of property corners every 100 ft. (\$10,200 (fee); 2017)

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

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<p><b>Gary J. Lambert, Jr., LSI</b> Project Manager/Drafting Supervisor</p>
<b>Project Assignment:</b>
<p>Project Manager/Drafting Supervisor</p>
<b>Name of Firm with which associated:</b>
 <p><b>BFM CORPORATION, LLC</b> Professional Land &amp; Hydrographic Surveying</p>
<b>Years experience with this Firm:</b>
<p>3 years (joined BFM in 2018); 3 years total</p>
<b>Education: Degree(s)/Year/Specialization:</b>
<p>B.S., 2018, Geomatics, Nicholls State University B.S., 2014, Construction Management, Louisiana State University</p>
<b>Active registration: Year first registered/discipline:</b>
<p>2019, Survey Intern, Louisiana, LSI.0000694</p>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Lambert provides Project Management and Drafting Oversight for the firm. He has also provided Survey Crew Chief Services since joining BFM and offers a well-rounded experience overview for any project. Mr. Lambert has completed Basic OSHA Training and holds license with the Gulf Coast Safety Council (08SSV, ID429523).</p> <p><b>Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.</b> Site-specific topographic surveys for projects located at multiple Jefferson Parish Schools, including Airline Park Academy for Advanced Studies, Bonabel High School, Alfred Magnet Academy High School, Boudreaux, Geraldine Elementary, Bridgedale Elementary, Livaudais Middle School, Matas, Rudolph Elementary, McDonogh No.26 Elementary, Solis, Paul J. Elementary, Thomas West Jefferson, West Jefferson High, and Woodland West Elementary. (\$47,461 (fee); 2020)</p> <p><b>Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA.</b> BFM prepared a site-specific topographic survey for the project site. (\$9,050 (fee); 2020)</p> <p><b>Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA.</b> BFM executed a site-specific topographic survey for the project, located at 1201 Elise Avenue in Metairie. (\$9,290 (fee); 2020)</p>

## TEC Professional Services Questionnaire

### Other experience and qualifications relevant to the proposed Project:

*Gary J. Lambert, Jr., LSI (continued)*

**Hospital Expansion Project, Chalmette, St. Bernard Parish, LA.** BFM provided surveying services for the project, located at 8000 West Judge Perez Drive in Chalmette. The scope included a topographic and utility survey, four temporary benchmarks, and location of improvements, utilities & trees. BFM further established finished floor elevations, and took spot elevations at 25 ft intervals. (\$35,280 (fee); 2020)

**Academy of Sacred Heart School, New Orleans, LA.** BFM provided surveying services to provide a FEMA Elevation Certificate for an addition to an existing building (Lobby Building, facing General Pershing Street) at the school site, located at 4301 St. Charles Avenue in New Orleans (6th District). (\$400 (fee); 2020)

**Memorial Baptist Church and School, Jefferson Parish, LA.** BFM provided surveying services for the project, which included boundary survey, location of improvements (including parking areas), and staking of property corners every 100 feet. BFM also executed a Survey Update with Builder's Package for the site at a later date. (\$15,200 (fee); 2020)

**New Orleans Police Department 4th District Station, New Orleans, LA.** BFM provided updates for a previous surveying project, locating and marking corners on lots A & B (Square 22, Tunisburg Subdivision, 5th District) at 3320 Wall Boulevard in New Orleans. BFM further verified existing improvements, located utilities, and provided spot elevations at 50 feet. (\$6,934 (fee); 2020)

**Abney Elementary School, St. Tammany Parish School Board, LA.** BFM provided surveying services for project work at the Abney Elementary School, located at 829 Kostmayer Avenue, in Slidell, LA for the St. Tammany Parish School Board. The scope of services included preparation of a boundary and topographic survey for additions to the school site. Additional project work involved the preparation of three pre-construction FEMA Certificates at the school site. (St. Tammany Parish School Board Project No. 1905\$14,360 (fee); 2020)


**Kenner Council on Aging Building (641 Compromise Street), Kenner, LA.** BFM's scope of services involved topographic & boundary surveying (with improvements); this included a portion of the building interior, a TBM (Temporary Benchmark), a CBM (Construction Benchmark), and Finished Floor Elevations at the entry point to building. Spot elevations were taken at 25 ft. intervals at the main entrance. (\$4,710 (fee); 2019)

**FBI Building ALTA Survey Update, New Orleans, LA.** BFM executed surveying services to update the ALTA information as requested. (\$9,930 (fee); 2019)

**Sugarmill Apartments Builder's Package, Kenner, LA.** BFM executed a complete Builder's Package Survey for the project site, located at Sugarmill Apartments (Municipal #4520, Williams Boulevard) in Kenner. Scope included establishing a Construction Benchmark near the site, providing a layout of building envelope for site clearing (or fill), setting layout pile locations (approx. 332 total piles), and the layout of building corners. (\$6,990 (fee); 2020)



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<p><b>Christopher Lemley</b> Quality Control Supervisor/Survey Crew Chief</p>
<b>Project Assignment:</b>
Quality Control Supervisor
<b>Name of Firm with which associated:</b>
 <p><b>BFM CORPORATION, LLC</b> Professional Land &amp; Hydrographic Surveying</p>
<b>Years experience with this Firm:</b>
7 years (joined BFM in 2014); 15 years total (2006)
<b>Education: Degree(s)/Year/Specialization:</b>
<i>High School Diploma</i>
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Lemley services a BFM's Quality Control Supervisor, overseeing all work and activity by the firm's personnel to be sure all is kept up to our exacting standards. His surveying experience includes over 8 years as a Survey Crew Chief. His survey software experience includes projects involving Trimble, Topcon, Leica, and Hypack, and has maintained and operated GPS, Auto-Level, and Total Station. Notable past project work has included the New Orleans Museum of Art, Jackson Barracks Restoration, US Highway 11, NASA Michoud Cells 3 &amp; 4, the St. Bernard Lot Next Door Program, and multiple Orleans Parish School Recovery projects (including L.B. Landry, George Washington Carver, and Alice M. Harte schools).</p> <p><b>New Facility (15 Acres), Jefferson Parish, LA.</b> BFM performed boundary surveying services for a new facility on a 15-acre site for the Jefferson Parish Department of Capital Projects. (Lot 31, Barabay Estates) (\$22,970 (fee); 2016)</p> <p><b>Memorial Baptist Church and School, Jefferson Parish, LA.</b> BFM provided surveying services for the project, which included boundary survey, location of improvements (including parking areas), and staking of property corners every 100 ft. (\$10,200 (fee); 2017)</p> <p><b>Fire Department Garage/Fire Training Center, Jefferson Parish, LA.</b> BFM provided topographic surveying services for the project, which included the East Street/Bridge City (Fairfield Plantation) FD and the Fire Training Center in Belt Bridge. (\$8,124 (fee); 2016)</p>

## TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

*Christopher Lemley (continued)*

**Ernest N. Morial Convention Center Neighborhood Site Infrastructure, New Orleans, LA.** BFM provided boundary & topographic surveying services for the project site (900 Convention Center Boulevard in New Orleans) for the Convention Center Development District. The project executed was adherent to the client-provided AIA document (dated August 20, 2015). (\$86,720 (fee); 2015)

**Kate Middleton School - Construction Benchmark (CBM) Certificates, Gretna, Jefferson Parish, LA.** BFM executed surveying services for the project, which provided construction benchmark (CBM) certificates for two modular buildings in the rear of the property for this school site located in Gretna, Louisiana. (2016)

**Clancy-Maggiore Elementary School for the Arts, Kenner, Jefferson Parish, LA.** BFM provided boundary surveying services for the project, which focused on improvements to the site. Later updates included a Form Board Certificate (FBC). (JPPSS Proj #2015-75) (\$19,940 (fee); 2017)

**Bissonet Plaza Elementary School Survey, Metairie, Jefferson Parish, LA.** BFM provided boundary and topographic surveying services at the Bissonet Plaza Elementary School on Kawanee Avenue in Metairie. (JPPSS Proj #2016-35) (2016)

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


**FedEx Shipping Center Land Title Survey, Elmwood, LA.** BFM provided surveying services for an ALTA/ACSM Land Title Survey for the FedEx Shipping Center at 6321 Humphreys Street in the Elmwood Financial District. (\$6,797 (fee); 2016)

**Joshua Bulter Elementary School, Bridge City, Jefferson Parish, LA.** A partial site survey was executed by BFM of Joshua Butler Elementary, located at 300 4th Street in Bridge City. (\$8,180 (fee); 2016)

**Harold Keller Elementary School, Metairie, Jefferson Parish, LA.** BFM's surveying services included boundary surveying (with improvements) for Harold Keller Elementary, located at 5301 Irving Street in Metairie. (\$7,480 (fee); 2016)

**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. (\$54,000 (fee); 2019)

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Thomas O. Wright</b> Survey Crew Chief
<b>Project Assignment:</b>
Survey Crew Chief
<b>Name of Firm with which associated:</b>
 <b>BFM CORPORATION, LLC</b> Professional Land & Hydrographic Surveying
<b>Years experience with this Firm:</b>
13 years (joined BFM in 2008); 44 years total (1977)
<b>Education: Degree(s)/Year/Specialization:</b>
<i>High School Diploma</i>
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Wright has over 40 years of experience in surveying services, including a multitude of project types (water, wastewater, stormwater, drainage, roadway, etc.) throughout the region. He has extensive surveying experience throughout the City of New Orleans. He has multiple ATSSA (American Traffic Safety Service Association) certifications (including Traffic Control Technician, Traffic Control Supervisor, and Traffic Flagger), and has completed the Basic OSHA Training Course. He is also TWIC (Transportation Work Identification Card) certified.</p> <p><b>Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.</b> Site-specific topographic surveys for projects located at multiple Jefferson Parish Schools, including Airline Park Academy for Advanced Studies, Bonabel High School, Alfred Magnet Academy High School, Boudreaux, Geraldine Elementary, Bridgedale Elementary, Livaudais Middle School, Matas, Rudolph Elementary, McDonogh No.26 Elementary, Solis, Paul J. Elementary, Thomas West Jefferson, West Jefferson High, and Woodland West Elementary. (\$47,461 (fee); 2020)</p> <p><b>Clancy-Maggiore Elementary School for the Arts, Kenner, Jefferson Parish, LA.</b> BFM provided boundary surveying services for the project, which focused on improvements to the site. Later updates included a Form Board Certificate (FBC). (JPPSS Proj #2015-75) (\$19,940 (fee); 2017)</p> <p><b>New Facility (15 Acres), Jefferson Parish, LA.</b> BFM performed boundary surveying services for a new facility on a 15-acre site for the Jefferson Parish Department of Capital Projects. (Lot 31, Barabay Estates) (\$22,970 (fee); 2016)</p>

## 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:**

31 years (joined BFM in 1991); 31 years total (1991)

**Education: Degree(s)/Year/Specialization:**

*High School Diploma*

**Active registration: Year first registered/discipline:**

N/A

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

Mr. Barrios' surveying experience includes boundary, hydrographic, and topographic. He has worked on location and performed topographic surveys for a number of large capital projects. Further, Mr. Barrios has been involved on major transmission projects for Entergy and South Central Bell (AT&T). He is American Traffic Safety Service Association certified as a Traffic Flagger, and is Transportation Work Identification Card (TWIC) certified.

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


**Parc Des Familles Visitor Center, Jefferson Parish, LA.** BFM executed a topographic survey for the project site. (\$16,590 (fee); 2018)

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


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




## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<p><b>Jeff Patin</b> Survey Crew Chief</p>
<b>Project Assignment:</b>
<p>Survey Crew Chief</p>
<b>Name of Firm with which associated:</b>

<b>Years experience with this Firm:</b>
<p>2 years (joined BFM in 2019); 22 years total (1999)</p>
<b>Education: Degree(s)/Year/Specialization:</b>
<p><i>High School Diploma</i></p>
<b>Active registration: Year first registered/discipline:</b>
<p>N/A</p>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Patin has worked as a Survey Crew Chief and Instrumentman for 20 years for a number of southeastern Louisiana surveying firms on projects throughout the region. His work history includes supervision of field crew personnel, operation of various survey equipment (Topcon GPT, Leica GPS, Total Station, etc.), calculations, information collection, and any &amp; all work required to execute the survey and obtain the information needed. Mr. Patin has worked on projects for various public &amp; private clients, and has performed field work under the direction of the Corps of Engineers.</p> <p><b>Rudolph Matas Elementary School HVAC Renovation Project, Metairie, Jefferson Parish, LA.</b> BFM executed a site-specific topographic survey for the project, located at 1201 Elise Avenue in Metairie. (\$9,290 (fee); 2020)</p> <p><b>Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.</b> Site-specific topographic surveys for projects located at multiple Jefferson Parish Schools, including Airline Park Academy for Advanced Studies, Bonnabel High School, Alfred Magnet Academy High School, Boudreaux, Geraldine Elementary, Bridgedale Elementary, Livaudais Middle School, Matas, Rudolph Elementary, McDonogh No.26 Elementary, Solis, Paul J. Elementary, Thomas West Jefferson, West Jefferson High, and Woodland West Elementary. (\$47,461 (fee); 2020)</p> <p><b>Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA.</b> BFM prepared a site-specific topographic survey for the project site. (\$9,050 (fee); 2020)</p>


## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Anthony Watson</b> CADD Technician
<b>Project Assignment:</b>
CADD Technician
<b>Name of Firm with which associated:</b>
 <b>BFM CORPORATION, LLC</b> Professional Land & Hydrographic Surveying
<b>Years experience with this Firm:</b>
10 years (joined BFM in 2011); 30 years total (1992)
<b>Education: Degree(s)/Year/Specialization:</b>
<i>Coursework - CAD, Avatech Solutions, Los Colinas, TX</i>
<b>Active registration: Year first registered/discipline:</b>
NA
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. 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 &amp; profile, etc.) in both drafting and field environments.</p> <p><b>East Bank Bus Stop Improvements - Additional Sites, Jefferson Parish, LA.</b> BFM's surveying services involved topographic surveying (25 ft grid) for multiple bus stop locations. (\$8,228 (fee); 2019)</p> <p><b>Jefferson Parish Recreation Department Office, Metairie, Jefferson Parish, LA.</b> BFM's scope involved a multiple-site topographic survey, including a temporary benchmark &amp; construction benchmark; location of improvements, visible utilities &amp; nearest fire hydrant; FF elevations at entrance of buildings, and; cross sections (25 ft grid). (\$3,345 (fee); 2018)</p> <p><b>East Jefferson General Hospital, Metairie, Jefferson Parish, LA.</b> BFM's scope of services for the project involved a boundary survey with sidewalk location, covering the area along the northerly side of Ithaca at the westernmost driveway-accessing parking lot. Spot elevations were taken at 5 ft. intervals. Property corners were also located in the survey. (\$2,275 (fee); 2019)</p>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<p><b>Shaun Clements</b> CADD Technician</p>
<b>Project Assignment:</b>
<p>CADD Technician</p>
<b>Name of Firm with which associated:</b>

<b>Years experience with this Firm:</b>
<p>3 years (joined BFM in 2018); 6 years total (2015)</p>
<b>Education: Degree(s)/Year/Specialization:</b>
<p>Associates of Applied Sciences, 2015, Computer Drafting and Design (ITT)</p>
<b>Active registration: Year first registered/discipline:</b>
<p>NA</p>
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Ms. Clements college work resulted in a GPA of 4.0, earning her Valedictorian status. She also was the recipient of the Highest Honors and Perfect Attendance Awards.</p> <p><b>DPW Maintenance Building, Jefferson Parish, LA.</b> BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site.(\$4,450 (fee); 2020)</p> <p><b>Lafreniere Food Pavilion, Lafreniere Park, Metairie, Jefferson Parish, LA.</b> BFM prepared a site-specific topographic survey for the project site. (\$9,050 (fee); 2020)</p> <p><b>Memorial Baptist Church and School, Jefferson Parish, LA.</b> BFM provided surveying services for the project, which included boundary survey, location of improvements (including parking areas), and staking of property corners every 100 feet. BFM also executed a Survey Update with Builder's Package for the site at a later date. (\$15,200 (fee); 2020)</p> <p><b>New County Justice Facility, Hancock County, MS.</b> BFM provided topographic and boundary surveying services for a proposed 40-acre Justice Facility site. (\$30,000 (fee); 2009)</p> <p><b>West Bank Bus Stop Improvements, Jefferson Parish, LA.</b> BFM's surveying services involved topographic surveying (25 ft grid) for multiple bus stop locations (AV26, AV27, AV3 (6 sites), AV40, AV42, AV43, AV44, AV45, AV47, AV65, AV74, AV76, HL67, MR44, MR52). (\$26,622 (fee); 2019)</p>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Kevin A. Roberts</b> CADD Technician
<b>Project Assignment:</b>
CADD Technician
<b>Name of Firm with which associated:</b>
 Professional Land & Hydrographic Surveying
<b>Years experience with this Firm:</b>
3 years (joined BFM in 2018); 36 years total (1985)
<b>Education: Degree(s)/Year/Specialization:</b>
A.D., 1999, Drafting & Design, Louisiana Technical College <i>Coursework, 1994-1997, Nunez Community College</i> <i>Coursework, 1984-1988, Delgado Community College</i> <i>Coursework, 1982-1983, University of New Orleans</i>
<b>Active registration: Year first registered/discipline:</b>
NA
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Roberts has experience with civil engineering, offshore engineering, water purification systems, and general architectural and construction design &amp; terminology. He obtained his A.D. in Drafting in 1999, and has taken additional coursework throughout his career.</p> <p><b>Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.</b> Site-specific topographic surveys for projects located at multiple Jefferson Parish Schools, including Airline Park Academy for Advanced Studies, Bonnabel High School, Alfred Magnet Academy High School, Boudreaux, Geraldine Elementary, Bridgedale Elementary, Livaudais Middle School, Matas, Rudolph Elementary, McDonogh No.26 Elementary, Solis, Paul J. Elementary, Thomas West Jefferson, West Jefferson High, and Woodland West Elementary. (\$47,461 (fee); 2020)</p> <p><b>Mid City Apartments Phase II, New Orleans, LA.</b> 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. (\$54,000 (fee); 2019)</p>



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
<b>Dawn Hoffman</b> Researcher/Archivist
<b>Project Assignment:</b>
Researcher/Archivist
<b>Name of Firm with which associated:</b>
 Professional Land & Hydrographic Surveying
<b>Years experience with this Firm:</b>
12 years (joined BFM in 2009); 24 years total (1997)
<b>Education: Degree(s)/Year/Specialization:</b>
A.D., 1999, Computer-Aided Drafting, Southeast College of Technology Certificate, 2003, Introduction to ArcGIS, Louisiana State University
<b>Active registration: Year first registered/discipline:</b>
NA
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p><b>Rivarde Maintenance Facility, Jefferson Parish, LA.</b> BFM provided boundary and topographic surveying services for the Rivard Maintenance Facility project, located at 1651 Manhattan Boulevard in Harvey. Scope included establishing a baseline parallel to Manhattan Boulevard; setting TBM &amp; CBM on or near the site; establishing cross sections on a 25 ft grid; FF elevations of all buildings. Product to be drawn so that a single ROW (right-of-way) is parallel to at least 1 edge of the sheet. (\$6,890 (fee); 2018)</p> <p><b>Little Farms Gymnasium, Jefferson Parish, LA.</b> BFM's scope involved a multiple-site topographic survey at the project site (10301 S. Park Street, River Ridge), including a temporary benchmark &amp; construction benchmark; location of improvements, visible utilities &amp; nearest fire hydrant; FF elevations at entrance of buildings, and; cross sections (25 ft grid). (\$6,055 (fee); 2018)</p> <p><b>Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA.</b> Site-specific topographic surveys for projects located at multiple Jefferson Parish Schools, including Airline Park Academy for Advanced Studies, Bonabel High School, Alfred Magnet Academy High School, Boudreaux, Geraldine Elementary, Bridgedale Elementary, Livaudais Middle School, Matas, Rudolph Elementary, McDonogh No.26 Elementary, Solis, Paul J. Elementary, Thomas West Jefferson, West Jefferson High, and Woodland West Elementary. (\$47,461 (fee); 2020)</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:	
<b>Site Specific Topographic Surveys for Multiple School Locations,</b> Jefferson Parish, Louisiana  <b>Jefferson Parish Public Schools</b> Facilities Department 4600 River Road Marrero LA 70072  <b>Steve Faust;</b> 504-349-8595 steve.faust@jppss.k12.la.us		Site-specific topographic surveys for projects located at multiple Jefferson Parish Schools, including Airline Park Academy for Advanced Studies, Bonabel High School, Alfred Magnet Academy High School, Boudreaux, Geraldine Elementary, Bridgedale Elementary, Livaudais Middle School, Matas, Rudolph Elementary, McDonogh No.26 Elementary, Solis, Paul J. Elementary, Thomas West Jefferson, West Jefferson High, and Woodland West Elementary.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2020 06 (JUN)		N/A	\$47,461 (fee)

### PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
<b>Fire Station No. 12,</b> Jefferson Parish, Louisiana  <b>All South Consulting Engineers, LLC</b> 652 Papworth Avenue Metairie LA 70005  <b>Stephen C. Bourg,</b> 504- 466-6367		BFM executed a boundary & topographic survey for the project; this involved a survey with improvements, benchmarks, elevations (25 ft intervals across the site & at all breaks in grade), and cross sections extending to the opposite edge of Brooklyn Street and Jefferson Highway. These were further carried 25 ft beyond the side property lines.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2018 11 (NOV)		N/A	\$7,411 (fee)

## TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p><b>Rivarde Maintenance Facility,</b> Jefferson Parish, Louisiana</p> <p><b>Burgdahl &amp; Graves Architects</b> 2550 Belle Chasse Hwy, Suite 130 Gretna LA 70053</p> <p><b>Russell I. Burgdahl,</b> 504-366-4433 rburgdahl@burgdahlgraves.com</p>	<p>BFM provided boundary and topographic surveying services for the Rivard Maintenance Facility project, located at 1651 Manhattan Boulevard in Harvey. Scope included establishing a baseline parallel to Manhattan Boulevard; setting temporary benchmarks (TBMs) &amp; construction benchmarks (CBMs) on or near the site; establishing cross sections on a 25 ft grid; FF elevations of all buildings. Product to be drawn so that a single ROW (right-of-way) is parallel to at least 1 edge of the sheet.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 11 (NOV)	N/A	\$6,890 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p><b>Lasalle Rest Room Building,</b> Jefferson Parish, Louisiana</p> <p><b>Meyer Engineers, Ltd.</b> 4937 Hearst Street, Suite 1B Metairie LA 70001</p> <p><b>Kenneth Belou, P.E.,</b> 504-885-9892 kbelou@meyer-e-l.com</p>	<p>BFM prepared a boundary survey (with topographic services) for the project, elements of which included TBM (Temporary Benchmarks), location of visible/below ground surface (BGS) utilities, research of record drawings, pipe location &amp; determination of sizes/types, trees and other natural elements, etc. BFM further provided a construction benchmark (CBM) and all drawings (AutoCAD) as outlined. Later services included location of sewer manholes and lift station.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017 08 (AUG)	N/A	\$9,420 (fee)

## TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p><b>New Storage Building Construction Surveying, Adams Junior High School,</b> Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish School Board</b> Facilities Department 4600 River Road Marrero LA 70072</p> <p><b>David Taylor</b>, 504-349-8595 david.taylor@jppss.k12.la.us</p>	<p>BFM's initial surveying services (2017) for the project included a partial boundary survey, top of form, and setting of the construction benchmark (CBM). A FEMA elevation certificate was also provided. Additional surveying services (2018) expanded on the initial scope and updated information as pertinent to the construction of the building.</p> <p><i>BFM provided similar services for multiple schools throughout the Parish, with a total fee value of approximately \$26,000.</i></p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 04 (APR)	N/A	\$3,316 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p><b>Little Farms Gymnasium,</b> Jefferson Parish, Louisiana</p> <p><b>Meyer Engineers Ltd.</b> 4937 Hearst Avenue, Suite B Metairie LA 70001</p> <p><b>Don Mauras</b>, 504-885-9892</p>	<p>BFM's scope involved a multiple-site topographic survey at the project site (10301 S. Park Street, River Ridge), including a temporary benchmark &amp; construction benchmark; location of improvements, visible utilities &amp; nearest fire hydrant; FF elevations at entrance of buildings, and; cross sections (25 ft grid).</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018 11 (NOV)	N/A	\$6,055 (fee)



## TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p><b>Clancy-Maggiore Elementary School for the Arts Survey</b>, Kenner, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish School Board</b> Facilities Department 4600 River Road Marrero LA 70072</p> <p><b>David Taylor</b>, 504-349-8595 david.taylor@jppss.k12.la.us</p>	<p>BFM provided boundary surveying services for the project, which focused on improvements to the site. Later updates included a Form Board Certificate (FBC). (JPPSS Proj #2015-75)</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017 09 (SEP)	N/A	\$19,940 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p><b>West Jefferson Medical Center (WJMC) Emergency Generators</b>, Jefferson Parish, Louisiana</p> <p><b>Meyer Engineers Ltd.</b> 4937 Hearst Avenue, Suite B Metairie LA 70001</p> <p><b>June Tran, AIA</b>, 504-885-9892</p>	<p>BFM provided boundary and topographic surveying in accordance with the sketch provided by the client. Sketch included finished floor of all structures at each entrance, 100 ft. cross sections, all basic utilities, trees, etc.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2013 03 (MAR)	N/A	\$14,900 (fee)

## TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p><b>Department of Public Works Maintenance Building,</b> Jefferson Parish, Louisiana</p> <p><b>CDW Services, LLC</b> 721 Papworth Ave Ste 101 Metairie LA 70005</p> <p><b>Tasha Duffourc,</b> 504-828-2061</p>	<p>BFM provided stake-out services (four corners) for the DPW Maintenance Building Site (755 S. Jefferson Davis Parkway). Additional project work included preparation of an As-Built Survey of the project site.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 01 (JAN)	N/A	\$4,450 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p><b>Lafreniere Park Food Pavilion,</b> Jefferson Parish, Louisiana</p> <p><b>Meyer Engineers Ltd.</b> 4937 Hearst Avenue, Suite B Metairie LA 70001</p> <p><b>Jennifer Wickham,</b> 504-885-9892</p>	<p>BFM prepared a site-specific topographic survey for the project site.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020 09 (SEP)	N/A	\$9,050 (fee)

## TEC Professional Services Questionnaire

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

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

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

# BFM CORPORATION, LLC

## Professional Land & Hydrographic Surveying

### PROFESSIONAL TRAINING AND EXPERIENCE

Established in 1982, **BFM Corporation, LLC, Professional Land & Hydrographic Surveying**, has provided services to public & private concerns throughout Louisiana and the Gulf South. The firm provides surveying services covering all facets of engineering, construction, and forensics; topographic, hydrographic, and high definition laser scanning.

**BFM 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 Surveys** (*determine relative positions & elevations of natural & man-made features*)
- **Drone Surveying** (*detailed multi-acre data-capturing surveying*)
- **Bathymetric / Hydrographic Surveys** (*determine shoreline and depths of bodies of water*)
- **Property, Boundary, and Right-of-Way Surveys** (*preparation of Legal Descriptions, property, and ROW maps to define project boundaries and for acquisition of property*)

## TEC Professional Services Questionnaire

N. continued.

- **Maps, Cross-Sections, and Data Sets** (*plan drawings, maps, diagrams, and data sets*)
- **3D Laser Scanning** (*unify raw data & model*)
- **Benchmarks** (*establishment of permanent, temporary, and construction benchmarks*)
- **Construction-Related Surveying** (*all types*)
- **Builder's Package** (*Boundary Survey & Construction Benchmark, Certificates including Form Board, Top of Slab, & Final FEMA Elevation*)
- **ALTA Surveys** (*American Land Title Association-compliant surveys*)

Project work (property, utilities, rights-of-way, etc.) routinely involves **extensive records & related research** as an element of successful completion, as well as coordination with the client, agency or department. BFM has personnel in place to make sure this is done correctly and expeditiously.

Our **Survey Field Crews** are equipped with Leica Viva & 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'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 fly with payload for 20 minutes and can capture 50 acres of land in that time (with a flight ceiling of 165 feet, pixel quality is 0.71 CM). This allows 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** provide the ability to process and model for any design purpose. High definition scanner data is processed using software from Leica and Autodesk. Furthermore, 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.

Further, BFM has the ability to perform **automated bathymetry** to handle any **hydrographic surveying** task. For large rivers and bodies of water, BFM is equipped with Teledyne Odom Hydro Solutions' Hydro Trac Single Beam Echo Sounder. For smaller bodies of water, BFM uses SL20 Remote Controlled Boat equipped with CEE Scope Dual Channel Echo Sounder. The firm uses Hypack Software to process collected data. Further, BFM has the ability to execute multi-beam scans, side scans and magnetometer upon request.

### PERSONNEL

BFM Corporation's **Ralph P. Fontcuberta, Jr., PLS**, 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.



## TEC Professional Services Questionnaire

N. continued.

BFM's **Chad M. Poché, P.E.** 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 throughout his career.

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.

### SIZE OF FIRM & ABILITY TO MEET PROJECT DEADLINES

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.

### EXPERIENCE WITH JEFFERSON PARISH

BFM has provided surveying services in **Jefferson Parish since 1982**, both **directly to Parish agencies and as a consultant to firms serving the Parish**. The firm has executed many hundreds of projects in the Parish, including both direct Parish projects and agency projects (CPRA, Louisiana DOTD, etc.), not to mention the scores of surveying projects for private individuals and industry.

As noted, Mr. Fontcuberta has **over half a century of professional land surveying experience**, including nearly 40 years with BFM. He has provided professional surveying services for **thousands of projects for and throughout Jefferson Parish**. Additional information beyond the scope of this RFQ response is available upon request.

An overview of our project work would include, but certainly not be limited to, the following:

- *Administrative and General Government Building Projects throughout Jefferson Parish*
- *Library Buildings throughout Jefferson Parish*
- *Medical Building Sites throughout Jefferson Parish*
- *Multiple Gymnasium, Playground, and Related Sites for the Jefferson Parish Recreation Dept.*
- *FEMA Elevation Certifications for Multiple Parish Building Sites throughout Jefferson Parish*
- *Various Sheriff's Office and Detention Facility Project Sites throughout Jefferson Parish*
- *Numerous Community Center & Multipurpose Buildings throughout Jefferson Parish*
- *Multiple Fire Station Sites throughout Jefferson Parish*
- *Numerous School Site Surveys for the Jefferson Parish School Board throughout the Parish*
- *New Storage Building Construction Surveying, Multiple School Sites throughout Jefferson Parish*
- *Multiple Pump Station & Lift Station Sites throughout Jefferson Parish*
- *West Bank & East Bank Bus Stop Improvements*

## TEC Professional Services Questionnaire

N. continued.

Representative projects would include but also not be limited to the following:

- *Site Specific Topographic Surveys for Multiple School Locations, Jefferson Parish, LA*
- *Marerro 911 Building, Jefferson Parish, LA*
- *Rivarde Maintenance Facility, Jefferson Parish, LA*
- *Lasalle Rest Room Building, Jefferson Parish, LA*
- *Clancy- Maggiore Elementary School for the Arts Survey, Kenner, Jefferson Parish, LA*
- *Rudolph Matas Elementary School HVAC Renovation Project, Jefferson Parish, LA*
- *Jefferson Parish Recreation Department Office, Jefferson Parish, LA*
- *Bridge City Fire Training Facility - FEMA & Slab Certificates, Bridge City, Jefferson Parish, LA*
- *Kate Middleton School - 3D Scanning Services (Interior/Exterior), Jefferson Parish, LA*
- *Jefferson Parish History Museum, Jefferson Parish, LA*
- *Lafitte Arts Center, Jefferson Parish, LA*
- *Parish- Wide Safe House Program (post-Katrina), Jefferson Parish*

### LOCATION OF 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.

### PAST PERFORMANCE ON PUBLIC CONTRACTS / REFERENCES

Since 1982, BFM has worked with virtually every municipality in the region. We enjoy a high repeat-business rate with all our municipal & private clients. Further, we offer the following specific references for contact:

**Mark R. Drewes, P.E., Director, Jefferson Parish Department of Public Works**  
504-736-6783; mdrewes@jeffparish.net

**Tom Schreiner, Deputy CAO Public Works & Capital Projects, City of Kenner**  
504-468-7515; tschreiner@kenner.la.us

**David Taylor, Jefferson Parish School Board Facilities Department**  
504-349-8595; david.taylor@jppss.k12.la.us

**Keith J. LaGrange, Director, City of New Orleans Department of Public Works**  
504-658-8000; Keith.Lagrange@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: \_\_\_\_\_

**January 12, 2021**

## TEC Professional Services Questionnaire

**A. Project Name and Advertisement Resolution Number:**

**Architectural/Engineering Services on an As-Needed Basis for  
Architectural Projects located throughout the Parish**  
SOQ 20-20 | Resolution No. 136764

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



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

**C. Name, title, & 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., Principal/Vice President**  
telephone 504-305-4401 • cpoche@gulfsoutheng.com  
Registered Professional Civil Engineer, Louisiana No. 27667 (1998)

**D. Name, title, & 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., Principal/Vice President**  
telephone 504-305-4401 • cpoche@gulfsoutheng.com  
Registered Professional Civil Engineer, Louisiana No. 27667 (1998)

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

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

\*employees also include one Construction Engineer, two Construction Materials Testing (CMT) Supervisors, two Senior Engineering Technicians, one Laboratory Technician, one Soil Boring Driller, and one Soil Boring Driller Apprentice

**28\* 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 a 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 Prime 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 this Project:**

**28 (all personnel will be available to the project; individuals to be assigned)**



## 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 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.**  
Vice-President

**Project Assignment:**

Engineering Manager; Geotechnical Engineer

**Name of Firm with which associated:**



**ENGINEERING AND TESTING, INC.**  
Geotechnical & Materials Consultants

**Years experience with this Firm:**

10 years with this firm (2011); 28 years total (1993)

**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:**

Mr. Poché is the Vice President, co-founder, and partner in Gulf South. He has been a consulting geotechnical engineer for more than 20 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 expert witness testimony. 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 relevant to the proposed Project:

*Chad M. Poché, P.E. (continued)*

**New Charter School (Behrman Highway), Terrytown, Jefferson Parish, LA.** Geotechnical investigation for construction of a new Charter School along Behrman Highway in Terrytown. Gulf South's scope includes drilling 13 soil borings to depths of 100 feet (2 borings for structure), 80 feet (2 borings; 1 structure & 1 canal stability analysis), 60 feet (2 borings for structure), 10 feet (7 borings for paved areas), lab testing (strength and classification), and geotechnical engineering analysis including allowable soil bearing values, allowable pile load capacities, estimates of settlement, slope stability analyses, rigid and/or flexible pavement design recommendations, and general construction recommendations. (\$20,000 (fee); 2017)

**New Commercial Building, Metairie, Jefferson Parish, LA.** Geotechnical investigation for construction of a new commercial building off Airline Drive in Metairie, LA. Scope includes drilling undisturbed soil borings (three at 75 ft), lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities (as appropriate), estimates of settlement, flexible and/or rigid pavement design recommendations, and general construction procedures and recommendations. (\$12,000 (fee); 2018)

**New Multi-Purpose Building, Ascension Parish Sheriff's Office (APSO), Gonzales, Ascension Parish, LA.** Geotechnical investigation for construction of a new multi-purpose building off South St. Landry Avenue in Gonzales, LA. Gulf South's scope includes drilling undisturbed soil borings (2 at 20 ft.; 2 at 6 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile/shaft load capacities, estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction recommendations. (\$3,600 (fee); 2019)

**Clancy-Maggiore Elementary School – New Art and Band Wing, Kenner, Jefferson Parish, LA.** Geotechnical investigation for a new art and band building (10,000 sf) in Kenner, LA. Gulf South's scope includes drilling two soil borings to depths of 60 feet and 40 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimate of settlement, and general construction procedures and recommendations. (\$6,000 (fee); 2016)

**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)

**Jefferson Parish Department of Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA.** Project consisted of the construction of a new warehouse for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection 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, earthwork testing and inspection including soil sampling and field density tests, steel inspection, and asphalt testing and inspection. (\$90,000 (fee); 2017)

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

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**Blake E. Vutera, P.E.**  
Engineering Manager

**Project Assignment:**

Geotechnical Engineer

**Name of Firm with which associated:****Years experience with this Firm:**

9 years with this firm (2012); 15 years total (2006)

**Education: Degree(s)/Year/Specialization:**

M.S., 2018, Civil Engineering, University of New Orleans  
Certification - Coastal Engineering, 2018, University of New Orleans  
B.S., 2008, Civil Engineering, Louisiana State University

**Active registration: Year first registered/discipline:**

2013, Civil Engineer, Louisiana, No. 38607  
2018, Professional Engineer, Texas No. 129410

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

Mr. Vutera serves as Gulf South's Engineering Manager and is based in Gulf South's Kenner, LA office. His experience with the firm includes daily work on geotechnical engineering projects as well as managing all geotechnical investigations and providing assistance with laboratory testing and construction materials testing and inspection. Engineering analyses that Mr. Vutera routinely performs include: shallow and deep foundations, slope stability analyses, settlement estimates, and pavement design. He is responsible for engineering design, report preparation, proposal preparation, personnel management, project management, and client interaction.

Mr. Vutera's field work consists of borehole logging; 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); pavement coring; nuclear field density tests; and hand augers. Mr. Vutera has been the geotechnical engineer of record for hundreds of projects throughout his career.

**Fire Station No. 20 (Burbank Drive), Baton Rouge, Parish of East Baton Rouge, LA.** Geotechnical investigation for construction of a new fire station off Burbank Drive in Baton Rouge, LA. Gulf South's scope includes drilling five undisturbed soil borings (1 at 30 ft.; 1 at 20 ft.; 1 at 15 ft.; 2 at 6 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile/shaft load

## TEC Professional Services Questionnaire

### Other experience and qualifications relevant to the proposed Project:

*Blake E. Vutera, P.E. (continued)*

capacities, estimates of settlement, flexible and/or rigid pavement design recommendations, pond borrow/fill recommendations, estimated capability of pond area to hold water and liner recommendations, and general construction recommendations. (City-Parish Project No.: 18-ASD-CP-1142) (\$4,200 (fee); 2019)

**New Multi-Purpose Building, Ascension Parish Sheriff's Office (APSO), Gonzales, Ascension Parish, LA.** Geotechnical investigation for construction of a new multi-purpose building off South St. Landry Avenue in Gonzales, LA. Gulf South's scope includes drilling undisturbed soil borings (2 at 20 ft.; 2 at 6 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile/shaft load capacities, estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction recommendations. (\$3,600 (fee); 2019)

**New Gymnasium Facility – New Building and Truck Areas, Gonzales, Ascension Parish, LA.** Geotechnical investigation for construction of a new building and truck areas off South Darla Avenue in Gonzales. Scope includes drilling undisturbed soil borings (2 at 20 ft., 1 at 10 ft., 2 at 6 ft.), preparation of a Phase 1 Environmental Site Assessment (ESA), lab testing, and engineering analyses including allowable soil bearing values, allowable shaft/pile load capacities, estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$9,060 (fee); 2019)

**New Commercial Building, Metairie, Jefferson Parish, LA.** Geotechnical investigation for construction of a new commercial building off Airline Drive in Metairie. Scope includes drilling undisturbed soil borings (three at 75 ft), lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities (as appropriate), estimates of settlement, flexible and/or rigid pavement design recommendations, and general construction procedures and recommendations. (\$12,000 (fee); 2018)

**Clancy-Maggiore Elementary School – New Art and Band Wing, Kenner, Jefferson Parish, LA.** Geotechnical investigation for a new art and band building (10,000 sf) in Kenner, LA. Gulf South's scope includes drilling two soil borings to depths of 60 feet and 40 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimate of settlement, and general construction procedures and recommendations. (\$6,000 (fee); 2016)

**Fire Station No. 38 (Duke Drive), City of Kenner, LA.** Geotechnical investigation for construction of a new fire station off Duke Drive in Kenner, LA. Gulf South's scope includes drilling two undisturbed soil borings each to a depth of 70 feet, lab testing, and engineering analyses including allowable pile load capacities, estimates of settlement, rigid and/or flexible pavement recommendations, and general construction procedures and recommendations. (\$9,490 (fee); 2019)

**New Charter School (Behrman Highway), Terrytown, Jefferson Parish, LA.** Geotechnical investigation for construction of a new Charter School along Behrman Highway in Terrytown, LA. Gulf South's scope includes drilling 13 soil borings to depths of 100 feet (2 borings for structure), 80 feet (2 borings; 1 structure & 1 canal stability analysis), 60 feet (2 borings for structure), 10 feet (7 borings for paved areas), lab testing (strength and classification), and geotechnical engineering analysis including allowable soil bearing values, allowable pile load capacities, estimates of settlement, slope stability analyses, rigid and/or flexible pavement design recommendations, and general construction recommendations. (\$20,000 (fee); 2017)

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**Joseph H. “Trey” Binder, III**  
Laboratory Manager

**Project Assignment:**

Laboratory Manager; Laboratory Technician

**Name of Firm with which associated:**



**ENGINEERING AND TESTING, INC.**  
Geotechnical & Materials Consultants

**Years experience with this Firm:**

10 years with this firm (2011); 15 years total (2006)

**Education: Degree(s)/Year/Specialization:**

A.D., 2011, General Studies, Nunez Community College

**Active registration: Year first registered/discipline:**

N/A

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

Mr. Binder has direct experience with field and laboratory testing services, and is NICET certified in multiple disciplines, including Construction Materials Testing Soils, Geotechnical Engineering Technologies Exploration, and Geotechnical Engineering Technologies Laboratory (Level I). Mr. Binder has HAZMAT Awareness and Operations Training.

- HAZMAT Awareness
- HAZMAT Operations Training
- ACI Aggregate Base Testing Technician

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.

**Fire Station No. 38 (Duke Drive), City of Kenner, LA.** Geotechnical investigation for construction of a new fire station off Duke Drive in Kenner, LA. Gulf South's scope includes drilling two undisturbed soil borings each to a depth of 70 feet, lab testing, and engineering analyses including allowable pile load capacities, estimates of settlement, rigid and/or flexible pavement recommendations, and general construction procedures and recommendations. (\$9,490 (fee); 2019)

**New Charter School (Behrman Highway), Terrytown, Jefferson Parish, LA.** Geotechnical investigation for construction of a new Charter School along Behrman Highway in Terrytown, LA. Gulf South's scope



## TEC Professional Services Questionnaire

### Other experience and qualifications relevant to the proposed Project:

*Joseph H. Binder, III (continued)*

includes drilling 13 soil borings to depths of 100 feet (2 borings for structure), 80 feet (2 borings; 1 structure & 1 canal stability analysis), 60 feet (2 borings for structure), 10 feet (7 borings for paved areas), lab testing (strength and classification), and geotechnical engineering analysis including allowable soil bearing values, allowable pile load capacities, estimates of settlement, slope stability analyses, rigid and/or flexible pavement design recommendations, and general construction recommendations. (\$20,000 (fee); 2017)

**New Commercial Building, Metairie, Jefferson Parish, LA.** Geotechnical investigation for construction of a new commercial building off Airline Drive in Metairie, LA. Gulf South's scope includes drilling undisturbed soil borings (three at 75 ft), lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities (as appropriate), estimates of settlement, flexible and/or rigid pavement design recommendations, and general construction procedures and recommendations. (\$12,000 (fee); 2018)

**Starlight Studio Phase II Expansion Buildings, New Orleans, LA.** Geotechnical investigation for construction of three new buildings, paved areas, and drainage/utility improvements at 4227 Poche Courty West in New Orleans, LA. Gulf South's scope includes drilling seven undisturbed soil borings (3 at 80 ft.; 4 at 10 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement design recommendations, pond/borrow fill recommendations, estimated capability of pond area to hold water and lining recommendations, and general construction recommendations. (\$10,000 (fee); 2019)

**New Gymnasium Facility – New Building and Truck Areas, Gonzales, Ascension Parish, LA.** Geotechnical investigation for construction of a new building and truck areas off South Darla Avenue in Gonzales, LA. Gulf South's scope includes drilling undisturbed soil borings (2 at 20 ft., 1 at 10 ft., 2 at 6 ft.), preparation of a Phase 1 Environmental Site Assessment (ESA), lab testing, and engineering analyses including allowable soil bearing values, allowable shaft/pile load capacities, estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$9,060 (fee); 2019)

**New Hotel, Metairie, Jefferson Parish, LA.** Geotechnical investigation for a new hotel building with paved parking and driveway areas (5-stories; approx. 10,500 sf in plan dimensions) at Richland Avenue in Metairie, LA. Gulf South's scope includes drilling five undisturbed soil borings (one at 60 ft, two at 40 ft, two at 6 ft), lab testing, and engineering analyses including allowable soil bearing values, allowable pile/shaft load capacities (as appropriate), estimates of settlement, and general construction procedures and recommendations. (\$8,800 (fee); 2018)

**Clancy-Maggiore Elementary School – New Art and Band Wing, Kenner, Jefferson Parish, LA.** Geotechnical investigation for a new art and band building (10,000 sf) in Kenner, LA. Gulf South's scope includes drilling two soil borings to depths of 60 feet and 40 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimate of settlement, and general construction procedures and recommendations. (\$6,000 (fee); 2016)

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

#### Name & Title:

**Sara E. Lockwood, E.I.**

Graduate Engineer

#### Project Assignment:

Graduate Engineer

#### Name of Firm with which associated:



**ENGINEERING AND TESTING, INC.**  
Geotechnical & Materials Consultants

#### Years experience with this Firm:

2 years with this firm (2019); 4 years total (2017)

#### Education: Degree(s)/Year/Specialization:

B.S., 2019, Civil Engineering, University of New Orleans

B.S., 2016, Physics, Loyola University

#### Active registration: Year first registered/discipline:

2020, Engineering Intern, Louisiana, No. EI.0034718

#### Other experience and qualifications relevant to the proposed Project:

Ms. Lockwood recently joined Gulf South Engineering and Testing and is serving as a Graduate Engineer, providing such duties as project management, geotechnical engineering analyses, and field & laboratory testing & inspection. Her coursework included such disciplines as foundation engineering, soil mechanics, geotechnical engineering, structural concrete & structural steel design, and sustainability principals. She worked as an intern during her college career for a local consulting group, assisting on a variety of environmental studies for infrastructure projects, and preparing regulatory permit applications, as well as preparation of various components of Louisiana DEQ and NEPA documents.

- Society of Women Engineers
- American Society of Civil Engineers

**Fire Station No. 38 (Duke Drive), City of Kenner, LA.** Geotechnical investigation for construction of a new fire station off Duke Drive in Kenner, LA. Gulf South's scope includes drilling two undisturbed soil borings each to a depth of 70 feet, lab testing, and engineering analyses including allowable pile load capacities, estimates of settlement, rigid and/or flexible pavement recommendations, and general construction procedures and recommendations. (\$9,490 (fee); 2019)

**Slidell Olde Towne Railroad Depot Phase II Renovations - New Elevator, Slidell, St. Tammany Parish, LA.** Geotechnical engineering services for the construction of a new elevator supported on deep foundation at 1827 Front St. in Slidell, LA. Gulf South's scope includes drilling a single undisturbed soil boring to a depth of 50 feet bgs (below ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$4,500 (fee); 2018)

## TEC Professional Services Questionnaire

### Other experience and qualifications relevant to the proposed Project:

*Sarah E. Lockwood (continued)*

**New Gymnasium Facility – New Building and Truck Areas, Gonzales, Ascension Parish, LA.** Geotechnical investigation for construction of a new building and truck areas off South Darla Avenue in Gonzales, LA. Gulf South's scope includes drilling undisturbed soil borings (2 at 20 ft., 1 at 10 ft., 2 at 6 ft.), preparation of a Phase 1 Environmental Site Assessment (ESA), lab testing, and engineering analyses including allowable soil bearing values, allowable shaft/pile load capacities, estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$9,060 (fee); 2019)

**New Elevator, Stairway & Parking, Future Senior Living Facility, New Orleans, LA.** Geotechnical investigation for construction of new elevator/stairway and parking at 5909 St. Claude Avenue, New Orleans, LA. Gulf South's scope includes drilling three undisturbed soil borings ( 1 at 40 ft.; 2 at 6 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimates of settlement, in-situ percolation/infiltration rate, rigid and/or flexible pavement recommendations, and general construction procedures and recommendations. (\$6,000 (fee); 2019)

**Delgado Nursing School - New Exterior Stairs and ADA Ramp, New Orleans, LA.** Geotechnical investigation for construction of new exterior stairs and ADA ramp at Delgado Nursing School, located at 1542 Tulane Avenue in New Orleans. Gulf South's scope includes drilling a single undisturbed soil boring to a depth of 40 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable pile/shaft load capacities, estimates of settlement, lateral earth pressures, and general construction recommendations. (\$2,900 (fee); 2019)

**New Gymnasium Building Addition – Lamar Dixon Expo Center, Gonzales, Ascension Parish, LA.** Geotechnical engineering services for the construction of a new building addition and new associated paved areas (north and east side of addition) at the subject site. Gulf South's scope includes drilling soil borings (one at 50 ft., one at 20 ft., two at 6 ft.), laboratory testing, engineering analyses (including allowable soil bearing values, allowable shaft/pile load capacities, estimate of settlement), rigid and/or flexible pavement design recommendations, and general construction procedures & recommendations. (\$6,500 (fee); 2019)

**Harbor of Refuge Camp Structure, Plaquemines Parish, LA.** Geotechnical engineering services for the construction of a new camp structure within LA-23, Buras, LA. Gulf South's scope includes drilling two undisturbed soil borings to depths of 60 feet below the ground surface, laboratory testing, engineering analyses and general construction procedures and recommendations. (\$10,000 (fee); 2019)

**Slidell Olde Towne Railroad Depot Phase II Renovations - New Elevator, Slidell, St. Tammany Parish, LA.** Geotechnical engineering services for the construction of a new elevator supported on deep foundation at 1827 Front St. in Slidell, LA. Gulf South's scope includes drilling a single undisturbed soil boring to a depth of 50 feet bgs (below ground surface), laboratory testing, engineering analyses and general construction procedures and recommendations. (\$4,500 (fee); 2018)

## TEC Professional Services Questionnaire

### KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

**Name & Title:**

**Ross L. White**  
Soil Boring Driller

**Project Assignment:**

Soil Boring Driller

**Name of Firm with which associated:**



**ENGINEERING AND TESTING, INC.**  
Geotechnical & Materials Consultants

**Years experience with this Firm:**

3 years with this firm (2018); 12 years total (2009)

**Education: Degree(s)/Year/Specialization:**

High School Diploma

**Active registration: Year first registered/discipline:**

N/A

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

Mr. White provides Driller services for Gulf South, having joined the firm in 2018.

- *ISTC basic, Entergy PowerSafe*
- *CDL A Class Driver's License (exp 11/2024)*

New Hotel, Metairie, Jefferson Parish, LA. Geotechnical investigation for a new hotel building with paved parking and driveway areas (5-stories; approx. 10,500 sf in plan dimensions) at Richland Avenue in Metairie, LA. Gulf South's scope includes drilling five undisturbed soil borings (one at 60 ft, two at 40 ft, two at 6 ft), lab testing, and engineering analyses including allowable soil bearing values, allowable pile/shaft load capacities (as appropriate), estimates of settlement, and general construction procedures and recommendations. (\$8,800 (fee); 2018)

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

**New Commercial Building, Metairie, Jefferson Parish, LA.** Geotechnical investigation for construction of a new commercial building off Airline Drive in Metairie, LA. Gulf South's scope includes drilling undisturbed soil borings (three at 75 ft), lab testing, and engineering analyses including allowable soil bearing values,

## TEC Professional Services Questionnaire

### Other experience and qualifications relevant to the proposed Project:

*Ross L. White (continued)*

allowable pile load capacities (as appropriate), estimates of settlement, flexible and/or rigid pavement design recommendations, and general construction procedures and recommendations. (\$12,000 (fee); 2018)

**First Baptist Church, Napoleonville, Assumption Parish, LA.** Geotechnical investigation for construction of a new church building at 4616 LA Highway 308 in Napoleonville, LA. Gulf South's scope includes drilling two undisturbed soil borings (one at 24 ft; one at 16 ft), lab testing, and engineering analyses including allowable soil bearing values, allowable pile/shaft load capacities, estimates of settlement, and general construction recommendations. (\$3,000 (fee); 2019)

**New Louisiana National Guard Monument at Veteran's Memorial Park, Baton Rouge, LA.** Geotechnical investigation for construction of a new monument in Veteran's Memorial Park in Baton Rouge. Gulf South's scope includes drilling a single undisturbed soil boring (depth of 20 ft), lab testing, and engineering analyses including allowable soil bearing values, allowable pile/shaft load capacities, estimates of settlement, and general construction recommendations. (\$3,200 (fee); 2019)

**New Multi-Purpose Building, Ascension Parish Sheriff's Office (APSO), Gonzales, Ascension Parish, LA.** Geotechnical investigation for construction of a new multi-purpose building off South St. Landry Avenue in Gonzales, LA. Gulf South's scope includes drilling undisturbed soil borings (2 at 20 ft.; 2 at 6 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile/shaft load capacities, estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction recommendations. (\$3,600 (fee); 2019)


**New Gymnasium Facility – New Building and Truck Areas, Gonzales, Ascension Parish, LA.** Geotechnical investigation for construction of a new building and truck areas off South Darla Avenue in Gonzales. Scope includes drilling undisturbed soil borings (2 at 20 ft., 1 at 10 ft., 2 at 6 ft.), preparation of a Phase 1 Environmental Site Assessment (ESA), lab testing, and engineering analyses including allowable soil bearing values, allowable shaft/pile load capacities, estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations. (\$9,060 (fee); 2019)

**Fire Station No. 61 Renovations, St. Amant, Ascension Parish, LA.** Geotechnical engineering services for the Renovation of Fire Station No. 61 (LA Hwy 22) in St. Amant, LA. Renovations include elevating the existing administration building (10 ft) and demolition of the original truck bay & construction of a new raised truck bay. Gulf South's scope of services includes field investigation (drilling of undisturbed soil borings (1 at 20 ft., 1 at 40 ft.) via concrete coring), lab testing (including strength & classification tests), and geotechnical engineering (allowable soil bearing & pile/shaft load capacities, estimates of settlement, and general construction procedures & recommendations). (\$3,500 (fee); 2017)

**New Office Building and Parking Lot, First National Banker's Bank, Baton Rouge, East Baton Rouge Parish, LA.** Geotechnical investigation for construction of a new office building and parking lot at 7913 Office Park Boulevard in Baton Rouge, LA. Gulf South's scope includes drilling undisturbed soil borings (two at 24 ft.; one at 6 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile/shaft load capacities, estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction recommendations. (\$3,200 (fee); 2019)



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>	
<b>Name &amp; Title:</b>	
<p><b>Christopher Boutwell</b> Construction Materials Testing (CMT) Supervisor</p>	
<b>Project Assignment:</b>	
<p>Construction Materials Testing (CMT) Supervisor</p>	
<b>Name of Firm with which associated:</b>	
<div style="display: flex; align-items: center;">  <div> <p><b>ENGINEERING AND TESTING, INC.</b> Geotechnical &amp; Materials Consultants</p> </div> </div>	
<b>Years experience with this Firm:</b>	
<p>9 years with this firm (2012); 12 years total (2009)</p>	
<b>Education: Degree(s)/Year/Specialization:</b>	
<p><i>High School Diploma</i></p>	
<b>Active registration: Year first registered/discipline:</b>	
<p>N/A</p>	
<b>Other experience and qualifications relevant to the proposed Project:</b>	
<div style="display: flex;"> <div style="flex: 1;"> <p>Mr. Boutwell serves as a CMT Supervisor in Gulf South's Kenner, LA office. As a CMT Supervisor, Mr. Boutwell is responsible for scheduling technicians, technical training, resolving technical and personnel issues, equipment maintenance, preparing proposals, reviewing reports, and client interaction. Mr. Boutwell's construction monitoring experience includes nuclear density testing, concrete testing and inspection, asphalt inspection, earthwork testing and inspection, driven pile inspection, vibration monitoring, augercast pile inspection, and drilled shaft inspection. Mr. Boutwell is proficient in the following laboratory tests: soil and concrete compressive strength, moisture content, grain size sieve, organic content, Proctor compaction, lime/soil and soil/cement % determinations, density tests, and Atterberg limits.</p> <p>Mr. Boutwell has logged soil borings, performed pile load tests, floor flatness testing, anchor bolt pull out tests, obtained and secured samples from soil borings and borrow pits, and completed hand augers. Mr. Boutwell routinely operates Gulf South's pavement coring machines.</p> <p><b>Jefferson Parish Library Renovations (2350 Metairie Road), Metairie, Jefferson Parish, LA.</b> Gulf South performed field and laboratory testing during construction of library renovations for the Jefferson Parish library along Metairie Road in Metairie, LA. Gulf South's scope of work included field density tests, earthwork inspection, welding and steel inspection, and concrete testing and inspection. (\$15,000 (fee); 2019)</p> </div> <div style="flex: 1; border: 1px solid black; padding: 5px; margin-left: 10px;"> <ul style="list-style-type: none"> <li>ACI Concrete Field Testing – Grade I</li> <li>APNGA Nuclear Moisture/Density Gauge Training</li> <li>OSHA Safety Training – 8 hr.</li> </ul> </div> </div>	

## TEC Professional Services Questionnaire

### Other experience and qualifications relevant to the proposed Project:

*Christopher Boutwell (continued)*

**Jefferson Parish Department of Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA.** Project consisted of the construction of a new warehouse for the Jefferson Parish Department of Public Works. Gulf South provided materials testing and inspection 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, earthwork testing and inspection including soil sampling and field density tests, steel inspection, and asphalt testing and inspection. (\$90,000 (fee); 2017)

**Firehouse Road Sewer Force Main Replacement, Kenner, Jefferson Parish, LA.** Gulf South performed field and laboratory testing during construction for a new sewer force main for Jefferson Parish in Kenner, LA. Gulf South's scope of work included field density tests, earthwork inspection, and concrete testing and inspection. (\$10,000 (fee); 2019)

**Jefferson Parish Fire Department – Garage (River Road), Bridge City, Jefferson Parish, LA.** Gulf South performed field and laboratory testing during construction for the JPFD's New Garage in Bridge City, LA. Gulf South's scope of work included pile inspection, vibration monitoring, field density tests, earthwork inspection, welding and steel inspection, and concrete testing and inspection. (2018)

**New North Terminal – Terminal Building, Louis Armstrong New Orleans International Airport, LA.** Gulf South performed field and laboratory testing during construction of the Terminal Building Project at the Louis Armstrong New Orleans International Airport in Kenner, Louisiana. Gulf South is providing QA oversight of the contractor for the owner for this \$800 million project which consists of the construction of a new terminal facility including a new 800,000 square foot building, vehicle ramps, parking, etc. QA inspection consists of pile monitoring, concrete inspection and testing, earthwork testing and inspection, and steel inspection. (\$2M (fee); ongoing)

**Recovery School District - Sherwood Forest Elementary School, New Orleans, LA.** Gulf South provided the field and laboratory testing and inspection during construction (CMT). Gulf South's services consisted of pile installation inspection (augercast piles), concrete testing and inspection, earthwork and roadway base testing and inspection, performing pile load tests, steel inspection, floor flatness testing, and acoustic monitoring. (\$145,000 (fee); 2016)

**Wastewater Treatment Plant (WWTP) North Expansion, Baton Rouge, LA.** Gulf South provided geotechnical investigation for improvement and new facilities in Baton Rouge, LA. Structure size and location varies over an existing 19 acres (approx.) site. New facilities are proposed over a 3-acre site, north of the existing site. Scope of work included drilling 31 soil boring to varies depths ranging from 25 to 100 feet below the ground surface. Install piezometers at 5 locations. (\$95,000 (fee); 2015)

**Chase Bank Site Investigation, Mandeville, St. Tammany Parish, LA.** Geotechnical investigation for investigation of a building that flooded due to a broken water line. Gulf South's scope of work includes drilling one soil boring to a depth of 20 ft, drilling 13 cores inside the building, and sampling to 2 ft through the indoor cores. Other services include laboratory testing & geotechnical engineering analyses consisting of allowable soil bearing values, soil classification, estimates of settlement, and general construction recommendations. (\$7,500 (fee); 2014)

## 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><b>Fire Station No. 38 (Duke Drive),</b> City of Kenner, Louisiana</p> <p><b>Digital Engineering</b> 527 West Esplanade Avenue Suite 200 Kenner LA 70065</p> <p><b>Frank T. Liang, P.E.,</b> 504-468-6129 fliang@deii.net</p>	<p>Geotechnical investigation for construction of a new fire station off Duke Drive in Kenner, LA. Gulf South's scope includes drilling two undisturbed soil borings each to a depth of 70 feet, lab testing, and engineering analyses including allowable pile load capacities, estimates of settlement, rigid and/or flexible pavement recommendations, and general construction procedures and recommendations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	N/A	\$9,490 (fee)

### PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
<p><b>New Commercial Building,</b> Metairie, Jefferson Parish, Louisiana</p> <p><b>Sensebe &amp; Associates, Inc.</b> 433 Champs Elysees Kenner LA 70065</p> <p><b>Joseph Sensebe,</b> 504-427-0509 joesen@aol.com</p>		Geotechnical investigation for construction of a new commercial building off Airline Drive in Metairie, LA. Gulf South's scope includes drilling undisturbed soil borings (three at 75 ft), lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities (as appropriate), estimates of settlement, flexible and/or rigid 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	\$12,000 (fee)	

## TEC Professional Services Questionnaire

<b>PROJECT NO. 3</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Heritage Manor of Mandeville – New Nursing Home Building,</b> Mandeville, St. Tammany Parish, Louisiana</p> <p><b>Louisiana Extended Care Center, LLC</b> 3700 Bayou Rapides Road Alexandria LA 71303</p> <p><b>Harold Gamburg, 318-445-6586</b> hgamburg@asimgt.com</p>	<p>Soil boring investigation for a new nursing home facility off Lonesome Road in Mandeville, LA. Gulf South's scope includes drilling nine undisturbed soil borings (3 at 30 ft., 6 at 20 ft., 1 at 6 ft.), lab testing, and engineering analyses including allowable soil bearing values, estimates of settlement, allowable pile/shaft load capacities, flexible and/or rigid pavement design recommendations, and general construction procedures and recommendations.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	N/A	\$10,000 (fee)

<b>PROJECT NO. 4</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Starlight Studio Phase II Expansion Buildings,</b> New Orleans, Louisiana</p> <p><b>SCNZ Architects, LLC</b> 2134 Magazine Street Suite 200 New Orleans LA 70130</p> <p><b>Joe Lantz, Architect, 504-301-3722</b> jlantz@scnz.net</p>	<p>Geotechnical investigation for construction of three new buildings, paved areas, and drainage/utility improvements at 4227 Poche Courty West in New Orleans, LA. Gulf South's scope includes drilling seven undisturbed soil borings (3 at 80 ft., 4 at 10 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimates of settlement, pavement design recommendations, pond/borrow fill recommendations, estimated capability of pond area to hold water and lining recommendations, and general construction recommendations.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	N/A	\$10,000 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 5</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>New Gymnasium Facility – New Building and Truck Areas</b>, City of Gonzales, Ascension Parish, Louisiana</p> <p><b>City of Gonzales</b> 120 South Irma Avenue Gonzales LA 70737</p> <p><b>Scot Byrd, CLED</b>, 225-647-9551 scot@gonzalesla.com</p>	<p>Geotechnical investigation for construction of a new building and truck areas off South Darla Avenue in Gonzales, LA. Gulf South's scope includes drilling undisturbed soil borings (2 at 20 ft., 1 at 10 ft., 2 at 6 ft.), preparation of a Phase 1 Environmental Site Assessment (ESA), lab testing, and engineering analyses including allowable soil bearing values, allowable shaft/pile load capacities, estimates of settlement, rigid and/or flexible pavement design recommendations, and general construction procedures and recommendations.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	N/A	\$9,060 (fee)

<b>PROJECT NO. 6</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>New Elevator, Stairway &amp; Parking, Future Senior Living Facility</b>, New Orleans, Louisiana</p> <p><b>Alembic Community Development</b> 1307 Oretha C. Haley Blvd Ste 300 New Orleans LA 70113</p> <p><b>Michael Grote</b>, 504-569-0546</p>	<p>Geotechnical investigation for construction of new elevator/ stairway and parking at 5909 St. Claude Avenue, New Orleans, LA. Gulf South's scope includes drilling three undisturbed soil borings ( 1 at 40 ft.; 2 at 6 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimates of settlement, in-situ percolation/infiltration rate, rigid and/or flexible pavement recommendations, and general construction procedures and recommendations.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	N/A	\$6,000 (fee)



## TEC Professional Services Questionnaire

<b>PROJECT NO. 7</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Clancy-Maggiore Elementary School – New Art and Band Wing</b> , Kenner, Jefferson Parish, Louisiana  <b>Jefferson Parish School Board</b> <b>c/o Meyer Engineers, Ltd.</b> 4937 Hearst Street, Suite 1B Metairie LA 70001  <b>Mark A. Schutt, P.E.</b> , 504-885-9892 mschutt@meyer-e-l.com	Geotechnical investigation for a new art and band building (10,000 sf) in Kenner, LA. Gulf South's scope includes drilling two soil borings to depths of 60 feet and 40 feet, lab testing, and engineering analyses including allowable soil bearing values, allowable pile load capacities, estimate of settlement, and general construction procedures and recommendations.	
Completion Date (Actual or estimated):	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2016	N/A	\$6,000 (fee)

<b>PROJECT NO. 8</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Fire Station No. 61 (Renovations)</b> , St. Amant, Ascension Parish, Louisiana  <b>Mougeot Architecture</b> 10343 Siegen Lane, Bldg 7, Ste A Baton Rouge LA 70810  <b>David Mougeot, AIA</b> , 225-727-1717 dmougeot@mougeotarchitecture.com	Geotechnical engineering services for the Renovation of Fire Station No. 61 (LA Hwy 22) in St. Amant, LA. Renovations include elevating the existing administration building (10 ft) and demolition of the original truck bay & construction of a new raised truck bay. Gulf South's scope of services includes field investigation (drilling of undisturbed soil borings (1 at 20 ft., 1 at 40 ft.) via concrete coring), lab testing (including strength & classification tests), and geotechnical engineering (allowable soil bearing & pile/shaft load capacities, estimates of settlement, and general construction procedures & recommendations).	
Completion Date (Actual or estimated):	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2017	N/A	\$3,500 (fee)

## TEC Professional Services Questionnaire

<b>PROJECT NO. 9</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Police Headquarters - New Addition,</b> City of Gretna Police Department, Jefferson Parish, Louisiana  <b>City of Gretna Police Department</b> 200 Fifth Street Gretna LA 70053  <b>Anthony Christiana, Jr., 504-363-1700</b>	New addition to existing building at Gretna Police Headquarters. Drill one boring to 100 feet, perform laboratory testing and geotechnical engineering analyses consisting of allowable pile load capacities, estimates of settlement, and general construction recommendations.	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2011	N/A	\$3,200 (fee)

<b>PROJECT NO. 10</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<b>Fire Station No. 20 (Burbank Drive),</b> City of Baton Rouge/Parish of East Baton Rouge, Louisiana  <b>City of Baton Rouge/ Parish of East Baton Rouge</b> Post Office Box 1471 Baton Rouge LA 70821  <b>Chris Stelly, AIA, 225-389-4694</b> Crump Wilson Architects chriss@crumpwilsonarchitects.com  <b>Carla Demoulin, cdemoulin@br.gov</b>	Geotechnical investigation for construction of a new fire station off Burbank Drive in Baton Rouge, LA. Gulf South's scope includes drilling five undisturbed soil borings (1 at 30 ft.; 1 at 20 ft.; 1 at 15 ft.; 2 at 6 ft.), lab testing, and engineering analyses including allowable soil bearing values, allowable pile/shaft load capacities, estimates of settlement, flexible and/or rigid pavement design recommendations, pond borrow/fill recommendations, estimated capability of pond area to hold water and liner recommendations, and general construction recommendations. (City-Parish Project No.: 18-ASD-CP-1142)	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2019	N/A	\$4,200 (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. N/A		
2.		
3.		
4.		

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



### **INTRODUCTION**

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 over two dozen employees. Gulf South provides a broad range of geotechnical related services, completing more than 100 geotechnical engineering projects and 300 construction materials testing and inspection projects each year. These projects typically include soil borings (shallow and deep borings), laboratory testing (AASHTO, ASTM methods, etc.), soil classification (USCS), geotechnical engineering, and construction material testing and field inspection.

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

## 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., is a founder of the company and Professional Engineer registered in Civil Engineering in Louisiana and Mississippi with specific training and experience in geotechnical engineering. He has more than 25 years 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*
- *Settlement analyses*
- *Shoreline protection*
- *Scour analyses*
- *LRFD Design*
- *Mechanically Stabilized Earth (MSE) Walls*
- *Earthwork*
- *Development of load test programs*
- *Geotechnical instrumentation and construction monitoring*
- *Canals and pump station foundations*
- *Pipe bedding and backfill*
- *Roadways and bridges*
- *Pavements*

### **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.

### **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.

**Gulf South's Kenner laboratory is AASHTO and CCRL certified and USACE validated.**

## TEC Professional Services Questionnaire

N. continued.

### **Construction Materials Testing & Inspection**

Gulf South provides a full range of construction materials testing and inspection services for structures, earthwork, foundations, pipelines, and pavements. The range of services provided by the Gulf South team 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*

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

### **PROFESSIONAL TRAINING & EXPERIENCE**

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 Vice President of Gulf South, Chad M. Poché, P.E., has been a practicing registered geotechnical engineer in South Louisiana for since 1998. He has specialized training and experience in geotechnical engineering throughout Louisiana.

Gulf South's Engineering Manager, Blake E. Vutera, P.E., has over 14 years experience in geotechnical investigations and has provided engineering analysis, laboratory testing, construction materials testing and inspection. He has been the geotechnical engineer of record for hundreds of projects throughout his career

As evidenced in the provided projects and personnel résumés, key personnel past 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 are able to submit data in formats acceptable and customized to our clients' needs.

Further, Gulf South continues to expand its staff and mentor the next generation of geotechnical engineers and professionals. One of our newest employees, Sara E. Lockwood, is a recent UNO Civil Engineering graduate who is working with our seasoned professionals in the challenging field of geotechnical engineering in the State of Louisiana. She has already gained extensive experience working on projects since joining the firm in 2019 and will continue to expand her knowledge and skill set working with our firm.

### **SIZE OF FIRM & CAPACITY FOR TIMELY COMPLETION**

At 28 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 is able to readily meet the time and budget constraints for projects assigned to this contract. Our current work load is such that we can expeditiously complete projects for this contract.



## TEC Professional Services Questionnaire

N. continued.

### PAST PERFORMANCE ON JEFFERSON PARISH PROJECTS

Gulf South has worked both directly and indirectly for various **Jefferson Parish Departments** (Public Works, Engineering Department, Drainage Department, Jefferson Parish School Board, etc.) throughout our history. This would include, **but not be limited to**, the following:

- Jefferson Parish Fire Department – Garage (River Road), Bridge City, Jefferson Parish, LA
- Jefferson Parish Dept. of Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA
- New Charter School, Behrman Highway, Terrytown, Jefferson Parish, LA
- Jefferson Parish Library Renovations (2350 Metairie Road), Metairie, Jefferson Parish, LA
- Clancy-Maggiore Elementary School – New Art and Band Wing, Kenner, Jefferson Parish, LA
- Johnny Bright Playground Gymnasium HVAC Installation, Metairie, Jefferson Parish, LA
- Kennedy Heights Playground Gymnasium HVAC Renovation, Avondale, Jefferson Parish, LA
- Trudeau Drive at Canal No. 5 Drainage Improvements, Metairie, Jefferson Parish, LA
- Earhart Expressway (Clearview Parkway to Central Avenue) Lighting Improvements, Jefferson Parish, LA
- West Esplanade Avenue Restoration (Tartan Drive to Haring Road), Metairie, Jefferson Parish, LA
- Citrus Road and Greg Court Subsurface Drainage Improvements, Jefferson Parish, LA
- Improvements to Sewer Lift Station M-11-3 & Force Main, Marrero, Jefferson Parish, LA
- Westgate Drainage Improvements, Metairie, Jefferson Parish, LA
- Bike Path Soil Borings, Jefferson Highway to Northline Street, Jefferson Parish, LA
- Green Acres Road - New Street Lighting, Metairie, Jefferson Parish, LA
- New Lift Station (Elmwood Park Blvd. & Citrus Blvd.), Metairie, Jefferson Parish, LA
- New Sewer Lift Station (Butler Drive & Grambling Street), Waggaman, Jefferson Parish, LA
- Drainage Infrastructure Improvements, South Avondale Subdivision, Avondale, Jefferson Parish, LA
- Parish Line Drainage Pump Station Improvements - Phase I, City of Kenner, Jefferson Parish, LA
- Public Works West Bank Central Warehouse, Bridge City, Jefferson Parish, LA
- New Sewer Lift Station (Melrose Lane & Walker Road), River Ridge, Jefferson Parish, LA
- Drainage Improvements, Citrus Road & Greg Court, Metairie, Jefferson Parish, LA
- New Sewer Force Main Installation (Midway & Wildwood to Lift Station E3-1), Jefferson Parish, LA
- St. Peter's Ditch - Phase IV (Pump Station at Clearview), Metairie, Jefferson Parish, LA
- Waggaman Subsurface Drainage Improvements, Waggaman, Jefferson Parish, LA
- Lift Station Replacement - N. Pierce Avenue & Versailles Street, Metairie, Jefferson Parish, LA
- Marsh Island Restoration Project, Lafreniere Park, Metairie, Jefferson Parish, LA
- Lift Station Replacement - Mississippi Avenue at 21st Street, Metairie, Jefferson Parish, LA
- Kawanee at Olympic Lift Station, Metairie, Jefferson Parish, LA
- Clearview Parkway Drainage Project, Metairie, Jefferson Parish, LA
- Submerged Roads Program - Multiple Phases, Metairie, Jefferson Parish, LA
- St. Peter's Ditch (4700 W. Metairie Ave.), Metairie, Jefferson Parish, LA
- Engineering Analysis Review (EAR) - Lafitte Tidal Protection Project (Phase I), Lafitte, Jefferson Parish, LA
- David Drive Drainage Improvements (West Esplanade Avenue to Bruin Drive), Jefferson Parish, LA
- Marrero WWTP New Administration Building and Safe Room, Marrero, Jefferson Parish, LA
- New Sewer Lift Station, Mississippi Ave. and Fulton St., Metairie, Jefferson Parish, LA
- Trudeau Drive Drainage Improvements at West Metairie Canal, Metairie, Jefferson Parish, LA
- Canal Bank Stabilization, Wayne Avenue at West Bank Expressway, Jefferson Parish, LA
- Taft Park Drainage Improvements, Jefferson Parish, LA
- Westwego Pump Station #1, Jefferson Parish, LA

Beyond the projects included within this form, additional project information (including listings, background, & client contacts) are available upon request. We have also completed similar services for Public and Private concerns throughout the region.

## TEC Professional Services Questionnaire

N. continued.

### LOCATION OF THE PRINCIPAL OFFICE

Gulf South is located in Jefferson Parish at 15 Veterans Memorial Boulevard in Kenner, Louisiana.

### LITIGATION

As noted in Item M, Gulf South has not been involved in litigation with Jefferson Parish, nor with any of the firm's clients.

### REFERENCES

The Principals and key employees of Gulf South have many years of applicable experience in working for and with Government Agencies and private industry. We are proud that a majority of its work is from repeat clients—we complete our projects on-time and within budget. Gulf South invites you to contact any of our clients for a candid discussion of our service and professionalism, and offer these direct references:

**Tacie Rabalais, P.E., Parish Engineer, Ascension Parish Government Engineering Department**

225-621-5700, trabalais@apgov.us

**Joey Tureau, Infrastructure Division Director, Ascension Parish**

225-450-1013, jtureau@apgov.us

**Tom Schreiner, Deputy CAO Public Works & Capital Projects, City of Kenner**

504-468-7515, tschreiner@kenner.la.us

**Neil Schneider, Capital Projects, Jefferson Parish Public Works Department**

504-736-6783, JPPW@jeffparish.net

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

504-736-6783, JPPW@jeffparish.net

**Ben Lepine, Jefferson Parish Drainage Department**

504-736-6759, blepine@jeffparish.net

### INSURANCE

Gulf South is fully insured to provide the services we offer; additional information is available upon request.

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

Signature: \_\_\_\_\_

Print Name: Chad M. Poché, P.E.

Title: Vice President

Date: January 12, 2021