

**ROUTINE ENGINEERING SERVICES FOR DRAINAGE PROJECTS  
IN JEFFERSON PARISH (SUPPLEMENTAL LIST)  
SOQ 20-21  
RESOLUTION NO. 136765**



*Submitted by*

**Integrated Logistical Support, Inc.**

**100% Minority, Women Owned, certified Small Disadvantaged  
Business (SDB)**

*In Association with*

**BFM Corporation, LLC**

**&**

**The Beta Group**



## TEC Professional Services Questionnaire

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

Routine Engineering Services for Drainage Projects in Jefferson Parish (Supplemental List)  
SOQ 20-21| Resolution No. 136765

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



5130 Tchoupitoulas St.  
New Orleans, LA 70115

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

Ronald Schumann, PE, Executive Vice-President  
504-523-1619 · 504-909-6209 cell  
[r.schumann@ilsengineering.com](mailto:r.schumann@ilsengineering.com)  
Register Professional Civil Engineer  
Louisiana No. 20102 (1972)

**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.**

Ruhan Isim, PE, Lead Civil Engineer  
504-523-1619 · 504-312-8804 cell  
[r.isim@ilsengineering.com](mailto:r.isim@ilsengineering.com)  
Register Professional Civil Engineer  
Louisiana No. 0039882 (2015)

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

4 Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	1 Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	2 Graduate Engineers
2 Civil Engineers	___ Interior Designers	1 Project Managers
13 Construction Inspectors	___ Landscape Architects	4 Clerical
___ Ecologists	___ Land Surveyor	2 Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	2 Drafting/AutoCADD
4 Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors		<b>35 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

**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. BFM Corporation, LLC 15 Veterans Memorial Boulevard Kenner, LA 70062	Professional Land & Hydrographic Surveying	Yes
2. The Beta Group The Beta Group, 1428 ½ Claire Ave., Gretna, LA 70053	Engineering and Construction Services, Geotechnical Services, Material Testing	Yes
3.		

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

35 \_\_\_\_\_

## 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:**

Ronald L. Schumann, PE,  
Executive Vice President

**Project Assignment:**

Project Manager

**Name of Firm with which associated:**



**Years' experience with this Firm:**

5

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

B.S. / 1978 / Civil Engineering

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

1982 / Civil Engineering/ PE/ LA. License No. 20102

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

Mr. Schumann is a Civil Engineer with 42 years of experience in planning, design, and construction of civil engineering projects. Project involvement has encompassed major concrete structures, **flood control structures, drainage projects, drainage pump stations, hydraulic structures, coastal and marina projects**, ports, marinas, intermodal facilities, interstate highways, state highways, airports, heliports, transportation and traffic analysis, transportation planning, line and grade studies. Mr. Schumann also has experience in corridor studies, environmental impact statements, environmental assessments, wastewater treatment plants and pump stations, commercial/residential site development, design and layout, heavy and light rail design, railroad relocation, reconstruction and rehabilitation of streets and infrastructure. Experience also includes providing construction management services for buildings, sport facilities, light rail transit projects, port projects and street infrastructure improvements, as well as direction of topographic and right-of-way surveys for highway and roadway projects.

## TEC Professional Services Questionnaire

### **USACE Program – Southeast Louisiana Urban Flood Control Program (SELA) Orleans Parish**

Mr. Schumann has provided construction and program management services for the Sewerage and Water Board (S&WB) of New Orleans on the \$1.2 Billion Drainage improvement program. He coordinated the design and construction work for the S&WB between the USACE and the design A/E firms. He reviewed contract and construction documents for constructability, prepared independent construction cost estimates, coordinated acquisition of rights-of-way and construction easements, and reviewed the design of the relocation of all utilities. Mr. Schumann has prepared conceptual plans and preliminary construction cost estimates for various open and covered canals.

### **Lake Cataouatche Pump Stations #1 and #2, Permanent Floodwall and Levee Enlargement, Avondale, LA - USACE, New Orleans District**

Project Manager for the 100-year level of protection for the fronting protection improvements at the Lake Cataouatche Pumping stations. Mr. Schumann led the multi-disciplined design team from conceptual through final design and construction engineering, including BCOE reviews, DrChecks, and MII cost estimating, of over 1,700 ft. of T-wall fronting protection directly in front of the pumping stations, with stability berms and full levee sections constructed in multiple lifts, maintaining budget and schedule on a fast-tracked project as part of the post Katrina USACE Hurricane and Storm Damage Risk Reduction System. Cost: \$4.9 M Fee

### **Napoleon Avenue Canal II, Orleans Parish, LA - S&WB, USACE, New Orleans District**

Project Manager for the Napoleon Avenue Canal II Project. Mr. Schumann led the design and preparation of contract plans and specifications, from concept to final, for a concrete box culvert manifold canal in the median of an urban roadway, including DrChecks reviews. The drainage canal consisted of three various sized concrete boxes transitioning throughout the 1-mile length of project: 18-feet by 10-feet, 24-feet by 10-feet, and 28-feet by 10-feet; requiring complete street replacement, utility relocations, traffic signal relocations, and landscaping. Cost: \$3.5M Fee

### **Louisiana Avenue Improvements, Orleans Parish, LA - S&WB, USACE, New Orleans District**

Project Manager for the Louisiana Avenue Improvements Project. The project required the design and preparation of contract plans and specifications for the installation of a concrete box culvert manifold canal in the median of Louisiana Avenue from Constance Street to South Claiborne Avenue. The design also consists of complete street replacement, utility relocations, and traffic signal relocations. This project is part of the Southeast Louisiana Drainage Improvements Plan. Construction 85% complete. Cost: \$1.3M Fee

### **Mississippi River Levees Enlargement and Concrete Slope Paving Repairs, St. Bernard and Plaquemines Parishes, LA USACE, New Orleans District**

Project Manager for the Mississippi River Levee enlargement and repair project from Chalmette to Phoenix in St. Bernard and Plaquemines Parishes. The objective of this project is to restore flood protection levels on the Mississippi River slope paved earthen levees in the vicinity of New Orleans. Work includes developing construction plans, and specification. Restoration work will involve raising levee reaches that are 1-foot or more below current authorized flood protection levels, constructing 50-foot transitions between 5 existing and proposed levee segments, and repairing damaged concrete slope paving sections at approximately 15 to 20 locations. The project is located along Grand Prairie and Lake Borgne Levee Districts, an approximate length of 10-miles. Analysis determined that additional R/W was required for levee enlargement delaying construction. Cost: \$0.4M Fee

### **Master Drainage Plan for the Tchoupitoulas Corridor, New Orleans, LA (City of New Orleans Department of Streets).**

Project Manager in-charge of the development of a master drainage plan for a roadway constructed to service the wharfs along the Mississippi River for the Port of New Orleans. The project includes drainage design and preparation of plans for distribution to a number of section consultants. The plans were used by the section consultants in the preparation of the final construction documents for the different sections of the roadway. This project also required coordination with numerous agencies, including the USACE, the Orleans Levee District, the Port of New Orleans, the New Orleans Public Belt Railroad, the Louisiana Department of Transportation and Development, and other state and local agencies.

### **Tensas Cocodrie Pumping Station & Gravity Structure, Concordia Parish, LA (USACE, Vicksburg District).**

Project Manager. Directed design team for 4,000 cfs pumping station and gravity structure located along the Black River in Concordia Parish for the USACE. The project included preparation of the design memorandum, plans, specifications and cost estimates for the \$35 million complex. Project included design of massive concrete structures, intake and outlet channels, retaining walls, floodwalls, levees, access roadways and site utilities.

## TEC Professional Services Questionnaire

**St. Charles Parish Hurricane Protection Levee, North of Airline Hwy Reaches 1A, 1B and 2A, St. Charles Parish, LA (USACE, New Orleans District).**

Project Director responsible for production of plans and specifications for improvements to the hurricane protection levee located north of Airline Highway in St. Charles Parish between the Bonne Carre Spillway and the New Orleans International Airport. Plans included a levee design to provide authorized level of protection as defined by design elevations of the top of levee provided by the USACE and the requirement to fit within the existing right-of-way.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Ruhan Isim, PE, Lead Civil Engineer
<b>Project Assignment:</b>
Lead Civil Engineer
<b>Name of Firm with which associated:</b>

<b>Years' experience with this Firm:</b>
19
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. / 2001 / Mechanical Engineering
<b>Active registration: Year first registered/discipline:</b>
2015/ Civil Engineering/ PE/ LA. License No. 0039882
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Ruhan Isim has over nineteen (19) years of experience in the field of Civil Engineering serving as lead project engineer in many civil projects including SELA Flood Control Program, <b>drainage projects</b>, sewer projects, and street projects. He has a high level of expertise in <b>hydraulics, CADD, GIS</b>, Sewerage Pump Stations design and Commissioning, startup, testing, Water Distribution Networks modeling and design.</p> <p><b>FEMA Road Repair for RR036 East Riverside, Garden District, Irish Channel and St. Thomas Group B Neighborhood, New Orleans Department of Public Work (DPW), New Orleans, LA</b>            This project involves fully reconstructing Constantinople Street and Marengo Street between Tchoupitoulas Street and Magazine Street. Mr. Isim is the civil engineer on this project and is responsible for preparing the roadway profiles, design sewer, water and <b>drainage replacements</b> for this project.</p> <p><b>FEMA Road Repair for RR064 Hollygrove Group D (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA</b>            This project involves fully reconstructing 12 blocks. Mr. Isim is the civil engineer on this project and is responsible for preparing roadway profiles, design sewer, water, and <b>drainage replacement</b> for 6 of the 12 blocks within this project.</p>

## TEC Professional Services Questionnaire

### **FEMA Road Repair for RR065 Hollygrove Group E (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA**

This project involves fully reconstructing 12 blocks. Mr. Isim is the civil engineer on this project and is responsible for preparing roadway profiles, design sewer, water, and **drainage replacement** for 6 of the 12 blocks within this project.

### **FEMA Road Repair for RR071 Lake Terrace and Oaks Group C (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA**

This project involves fully reconstructing 14 blocks. Mr. Isim is the civil engineer on this project and is responsible for preparing roadway profiles, design sewer, water, and **drainage replacement** for 4 of the 14 blocks within this project.

### **USACE Program – Southeast Louisiana Urban Flood Control Program (SELA), Orleans Parish, LA**

Mr. Isim has provided construction and program management services for the Sewerage and Water Board (S&WB) of New Orleans on the **\$1B drainage improvement program**. He coordinated the design and construction work for the S&WB between the USACE and the design A/E firms. He reviewed contract and construction documents for constructability, Inputted comments into Dr. Checks, prepared independent construction cost estimates using MII, coordinated acquisitions of rights-of-way and construction easements, and reviewed the design of the relocation of all utilities. Mr. Isim evaluated water surface profiles for existing and proposed improvements, and he prepared conceptual plans and preliminary construction cost estimates for various open and covered canals.

### **DPW Blue and Green Corridors Design Project, New Orleans, LA**

The Blue and Green Corridors Project is part of the Gentilly Resilience District that will reduce risk from flooding and subsidence by creating spaces to capture rainwater in the urban landscape. Green Infrastructure features will use vegetation, soils, and natural processes to manage water and create healthier urban environments. Mr. Isim is the lead designer on this project and is responsible for preparing plans for the blue and green design of the 1.5 miles along Robert E. Lee Boulevard.

### **DPW Engineering Pool, Roadway Enhancement & Reconstruction, Black Pearl Neighborhood, New Orleans, LA**

This project involves fully reconstructing the 7700 block of Benjamin Street (Adams – Burdette) and milling and overlaying the 200 block of Cherokee Street (Benjamin – Hurst) and the 400 block Short Street (Pearl – Leak). Mr. Isim is the lead designer on this project and is responsible for preparing roadway profiles, **drainage pipe designs**, new water pipe design, and sidewalk, driveway and ADA ramps designs.

### **S&WB-Ray Avenue, Tulip Street and Rhodes Avenue Street Reconstruction, New Orleans, LA**

The project consisted of assessing and designing street pavement, sidewalk, driveway, curbs and ADA Ramps affected by Hurricane Katrina for about 1.5 blocks of Streets in the above neighborhoods. This project also consists of waterline and **drainage utilities replacement**. Mr. Isim is the lead designer on this project and is responsible for preparing plan and profiles for drainage, water and pavement design. He also checked the drainage calculations and imported into HYDRWINT. Mr. Isim is also responsible for preparing roadway profiles, **drainage pipe design**, new water pipe design, drainage outfall wall details, and sidewalk, driveway and ADA ramp designs.

### **Retrofit Power Plant – Hazard Mitigation Grant program (HMPG), New Orleans Sewerage and Water Board (S&WB), New Orleans, LA**

This project will enhances/expand the power generation capability to ensure continuous operating capability of pump and **drainage facilities**, as well as water and sewer operations. Mr. Isim is the lead designer on this project and is responsible for coordinating and completing P&ID of this project.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Brian K. Jones, PE, Senior Engineer
<b>Project Assignment:</b>
Senior Engineer
<b>Name of Firm with which associated:</b>

<b>Years' experience with this Firm:</b>
3
<b>Education: Degree(s)/Year/Specialization:</b>
B.S./ 2006 / Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
2011 / Civil Engineering/PE/ LA. License No. 0035992
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Jones has over 33 years of experience exclusively with the City of New Orleans, with more than 17 years working in an engineering division. He has worked for the Sewerage &amp; Water Board for 30 and a half years and worked at the City's Department of Public Works as part of the management team for 2 and a half years. During his career, he has been in ever increasing leadership roles and management of major water, wastewater, and pavement management programs.</p> <p><b>FEMA Road Repair for RR036 East Riverside, Garden District, Irish Channel and St. Thomas Group B Neighborhood, New Orleans Department of Public Work (DPW), New Orleans, LA</b>            This project involves fully reconstructing Constantinople Street and Marengo Street between Tchoupitoulas Street and Magazine Street. Mr. Jones is the civil engineer on this project and is responsible for preparing the roadway profiles, design sewer, water and <b>drainage replacements</b> for this project.</p> <p><b>FEMA Road Repair for RR0064 Hollygrove Group D (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA</b>            This project involves fully reconstructing 12 blocks. Mr. Jones is the civil engineer on this project and is responsible for preparing roadway profiles, design sewer, water and <b>drainage replacement</b> for 6 of the 12 blocks within this project.</p>

## TEC Professional Services Questionnaire

### **FEMA Road Repair for RR065 Hollygrove Group E (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA**

This project involves fully reconstructing 12 blocks. Mr. Jones is the civil engineer on this project and is responsible for preparing roadway profiles, design sewer, water and **drainage replacement** for 6 of the 12 blocks within this project.

### **FEMA Road Repair for RR071 Lake Terrace and Oaks Group C (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA**

This project involves fully reconstructing 14 blocks. Mr. Jones is the civil engineer on this project and is responsible for preparing roadway profiles, design sewer, water and **drainage replacement** for 4 of the 14 blocks within this project.

### **RTA Elysian Fields Avenue and St. Claude Avenue Streetcar Extension, New Orleans, LA.**

This proposed project will extend the existing streetcar network approximately 1.1 miles along St. Claude and Elysian Fields Avenue in the Marigny and St. Roch neighborhoods of New Orleans. Mr. Jones is the civil engineer on this project and is responsible for the design of the relocations of sewer, water and **drainage utilities** that conflicted with the streetcar tracks on this project.

### **Sewerage & Water Board of New Orleans, Drainage / Network Engineering, New Orleans, LA**

Engineering Division Manager. Responsibilities included managing a major Engineering Division, lead and manage professional engineers and overseeing the design and reviews of all new sewer, water, and **drainage** within the city right-of-way.

Responsible for overseeing nine (9) construction contracts for the \$600 million Southeast Louisiana Urban Flood Control Program (SELA). This program will increase the **drainage capacity within Orleans Parish** and in some cases, reduce property owners flood insurance.

Responsible for supervising and managing twenty-one (21) Engineering firms working on designs for the FEMA funded Waterline Replacement Program valued at over \$128 million. Currently, more than 85% of the designs have been completed of the approximately 135 miles of eligible waterline replacements. Worked very closely with the Department of Public Works to incorporate this work into the Joint Infrastructure Recovery Roads Program (JIRR).

Work closely with a wide variety of both local and out of state consulting firms, as well as both large and small contractors, to ensure compliance with S&WB specifications.



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
David Lapene, PE, MBA Structural Engineer
<b>Project Assignment:</b>
Structural Engineer
<b>Name of Firm with which associated:</b>

<b>Years' experience with this Firm:</b>
4
<b>Education: Degree(s)/Year/Specialization:</b>
MS/ 2005 / Business Administration MS/ 1990 /Structural Engineering BS/ 1984 /Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
1988/ Civil Engineering/ PE/ LA. License No.23036
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Lapene is a licensed civil engineer in Louisiana and Mississippi. He holds a BS in civil engineering, a MS in structural engineering and a MBA from the University of New Orleans (UNO). He was an adjunct instructor in UNO's Civil and Environmental Engineering Department for over twelve years. Over Mr. Lapene's thirty-six year (36) career, he has designed and has been the Engineer of Record for numerous buildings (ranging from one story to multi-story high rises), heavy concrete and civil works structures, roadways, vehicular tunnels, maritime locks, <b>flood gates, floodwalls, and several large capacity storm water pump stations (ranging from four feet diameter vertical pumps to twelve feet diameter horizontal pumps).</b></p> <p><b>MRGO to GIWW (Lake Borgne) Flood Surge Barrier Orleans &amp; St. Bernard Parishes, LA</b>  This was the largest design build project let by the U.S. Army Corps of Engineers. It is an approximate 1.4 Billion Dollar <b>flood control project</b> which consist of a 150-foot sector gate and 150-foot barge gate at GIWW, 56 lift gate at Bayou Bienvenue, combination rock/floodwall barrier at the MRGO and over 8500 linear feet of innovative flood wall tying all the structures together. This was an enormously fast paced and nationally high-profile project. Mr. Lapene was personally responsible for the design of the monolith at Bayou Bienvenue. Initially a sector was designed. As a cost savings feature the proposed sector gate was replaced with a vertical lift gate. Value: \$1.4 billion (Approximate Construction Cost)</p> <p><b>Bayou Segnette / Company Canal Flood Gates, Jefferson Parish, LA</b>  Project manager for interim flood protection measures at Bayou Segnette pump station and Company Canal. This project</p>

## TEC Professional Services Questionnaire

included a **30' wide lift type flood gate at Bayou Segnette pump station, a 47' wide barge gate at Company Canal and approximately 1200 feet of "A" frame flood wall between these two gates.** The barge gate was an innovative approach to flood protection which expedited the design and construction process by allowing off site fabrication of the components and facilitating an "in the wet" construction thus eliminating the need for a cofferdam. The closure gate is a barge which is stored at adjacent mooring dolphins. For operation the barge is deballasted, swung into place and ballasted down on adjacent abutments. The project was essentially designed and advertised for construction in approximately 10 weeks. Value: \$8,000,000 (Approximate Construction Cost)

### **Elmwood Pump Station, Jefferson, LA**

Project manager for the design and preparation of a Design Memorandum and Plans and Specifications for a 2400 cubic foot per second **storm water pump station** addition. The addition consists of two 132" diameter horizontal screw pumps with reduction gears and diesel engine drivers. The structure includes an integral flood wall founded on battered piles, 25' deep basins and a precast concrete superstructure. Value: \$24,000,000 (Approximate Construction Cost)

### **Whitney / Barataria Pump Station, Jefferson Parish, LA**

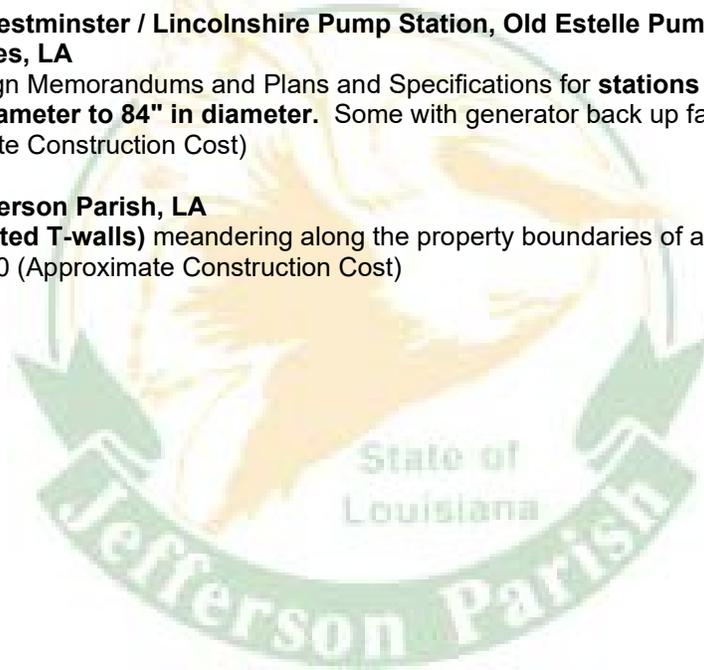
Design and preparation of a Design Memorandum and Plans and Specifications for a new 3600 cubic feet per second **storm water pump station.** (Similar to the aforementioned Elmwood Pump Station). Value: \$28,000,000 (Approximate Construction Cost)

### **Dwyer Road Pump Station, Westminster / Lincolnshire Pump Station, Old Estelle Pump Station Rehabilitation Jefferson and Orleans Parishes, LA**

Design and preparation of Design Memorandums and Plans and Specifications for **stations with vertical self-priming pumps ranging from 48" in diameter to 84" in diameter.** Some with generator back up facilities and integral flood walls. Value: \$17,000,000 (Approximate Construction Cost)

### **Harvey Canal Flood Wall, Jefferson Parish, LA**

Over 8000 ' of **flood wall (inverted T-walls)** meandering along the property boundaries of approximately twelve businesses. Value: \$20,000,000 (Approximate Construction Cost)



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Natalya Munger, EI, PH Civil/Hydraulic Engineer
<b>Project Assignment:</b>
Civil/Hydraulic Engineer
<b>Name of Firm with which associated:</b>

<b>Years' experience with this Firm:</b>
2
<b>Education: Degree(s)/Year/Specialization:</b>
M.S . / 1995 / Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
2012/ Civil Engineering/ EI/ LA. License No.0030985
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Ms. Munger has over 22 years of engineering experience which includes design of roadways, bridges, <b>drainage</b>, water and sewer mains, preparation of construction documents and QA/QC management for LA DOTD, Jefferson Parish Engineering Department and Department of Capital Projects, City of New Orleans DPW and SWB, HANO, and USACE.</p> <p><b>FEMA Road Repair for RR0064 Hollygrove Group D (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA</b>  The scope of work includes the full reconstruction of 12 blocks in the Hollygrove area. The work includes the design of sewer, water and drainage utilities, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections. Ms. Munger provided drainage design and prepared the <b>drainage design</b> report using the LADOTD Hydraulics program HYDRWINT.</p> <p><b>FEMA Road Repair for RR065 Hollygrove Group E (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA</b>  The scope of work includes the full reconstruction of 12 blocks in the Hollygrove area. The work includes the design of sewer, water and drainage utilities, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections. Ms. Munger provided <b>drainage design</b> and prepared the drainage design report using the LADOTD Hydraulics program HYDRWINT.</p>

## TEC Professional Services Questionnaire

### **DPW - RR036 - East Riverside, Garden District, Irish Channel and St. Thomas Group B (FRC), New Orleans, LA**

The scope of work includes the full reconstruction of 8 blocks in the East Riverside area. The work includes the design of all water and drainage utilities, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections. Ms. Munger provided **drainage design** and prepared the drainage design report using the LADOTD Hydraulics program HYDRWINT.

### **DPW - RR084 - Lakeview North Group B (PMO), New Orleans, LA, New Orleans, LA**

The scope of work includes the full reconstruction of 6 blocks in the Gentilly Terrace area. The work includes the design of sewer, water and drainage utilities, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections.

Ms. Munger provided drainage design and prepared the **drainage design** report using the LADOTD Hydraulics program HYDRWINT.

### **DPW - RR203 - Gentilly Terrace South Group K (PMO), New Orleans, LA**

The scope of work includes the full reconstruction of 6 blocks in the Gentilly Terrace area. The work includes the design of sewer, water and drainage utilities, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections.

Ms. Munger provided drainage design and prepared the **drainage design** report using the LADOTD Hydraulics program HYDRWINT.

### **Airport Access Road, New Orleans International Airport**

Designed **subsurface drainage systems** and prepared construction documents.

### **Brown Avenue Improvements, Jefferson Parish, LA**

Designed **subsurface drainage systems**, prepared construction drawings and construction specifications according to Jefferson Parish design standards.

### **Edwards Avenue Improvements (Jefferson Hwy to Powell St.), Jefferson Parish, LA**

Designed **subsurface drainage systems** and prepared construction documents.

### **Lapalco Blvd. Improvements (Westwood to Tangelewood), Jefferson Parish, LA**

Designed **subsurface drainage systems** and prepared construction documents.

### **Jefferson Ave. Canal I Improvements (S. Claiborne to Dryades), (SELA), Orleans Parish, LA**

Designed **subsurface drainage systems** and prepared construction documents.

### **Gravier Street Improvements (S. Galvez to S. Broad), SWB, New Orleans, LA**

Designed **subsurface drainage systems**, prepared construction drawings and construction specification according to DPW design standards.

### **Latigue Road Improvements Phase I and II, Jefferson Parish, LA**

Designed **subsurface drainage systems**, prepared construction drawings and construction specification according to Jefferson Parish design standards.

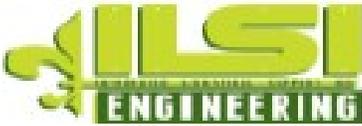
### **Beechgrove Subdivision Phase II, City of Westwego**

Prepared hydraulic report "**Storm Drainage Design Computations** for Subsurface Drainage System"

### **Camp Villere Detention Pond Feasibility Study, St. Tammany Parish, LA**

Modeled water surface profiles using HEC-RAS 2.2, HEC-HMS 1.0.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Joel Galatas, EI, Civil Engineer/ Construction Manager
<b>Project Assignment:</b>
Civil Engineer/ Construction Manager
<b>Name of Firm with which associated:</b>

<b>Years' experience with this Firm:</b>
2
<b>Education: Degree(s)/Year/Specialization:</b>
B.S . / 2011 / Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
03/05/2015 / Civil Engineering/EI/ LA. License No. 0032371
<b>Other experience and qualifications relevant to the proposed Project:</b>
Mr. Galatas has over 12 years of experience which includes design in bridges, roadways and public works, and construction and inspection services for structures, including <b>canals and locks</b> , highways, bridges, transmission lines, tunnels, water supplies, and sewerage systems. He has the following Computer Skills: Engineering Applications: RISA 3D, Visual Analysis, AutoCAD, SolidWorks, MATLAB, Maple, MicroStation, InRoads, AutoTurn, ArcGIS. Graphics Programs: Adobe Photoshop, Adobe Acrobat Microsoft Office: Word, Excel, PowerPoint, Access, Project

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Hossam Meligy, EI Civil Engineer/ Construction Manager
<b>Project Assignment:</b>
Civil Engineer/ Construction Manager
<b>Name of Firm with which associated:</b>

<b>Years' experience with this Firm:</b>
2
<b>Education: Degree(s)/Year/Specialization:</b>
B.S. / 2013 / Civil Engineering M.S./ 2015 / Engineering Management
<b>Active registration: Year first registered/discipline:</b>
2015 / Civil Engineering/EI/ LA. License No. 0032729
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>As a Civil Engineer in Training, Mr. Meligy's experience includes planning, permitting, design, and construction management of <b>drainage</b>, water and wastewater projects. He has worked on federal consent decree programs, FEMA administered programs, performed cost estimating, AutoCAD support and construction management services. Mr. Meligy is experienced in various applications of data management and GIS mapping in support of sewer, drainage and waterline restoration programs and projects in New Orleans. He has proven his ability to transform analytical data and geospatial information into easy to follow, informative maps, images, and auditable records.</p> <p><b>FEMA Road Repair for RR071 Lake Terrace and Oaks Group C (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA</b> The scope of work includes the full reconstruction of 4 blocks on New York and Lisbon streets. The work includes the design of all sewer and <b>drainage utilities</b>, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections. Mr. Meligy made site visit to evaluate existing conditions and assisted the lead civil engineer in sewer and <b>drainage utility designs</b> in compliance with the DPW standards and preparing cost estimate for the project.</p> <p><b>FEMA Road Repair for RR0064 Hollygrove Group D (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA</b> The scope of work includes the full reconstruction of 12 blocks in the Hollygrove area. The work includes the design of</p>

## TEC Professional Services Questionnaire

sewer, water and **drainage utilities**, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections. Mr. Meligy assisted the lead civil engineer in sewer, water, and **drainage utility designs** in compliance with the DPW standards and preparing cost estimate for the project.

### **FEMA Road Repair for RR065 Hollygrove Group E (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA**

The scope of work includes the full reconstruction of 12 blocks in the Hollygrove area. The work includes the design of sewer, water and **drainage utilities**, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections. Mr. Meligy assisted the lead civil engineer in sewer, water, and **drainage utility designs** in compliance with the DPW standards and preparing cost estimate for the project.

### **DPW - RR036 - East Riverside, Garden District, Irish Channel and St. Thomas Group B (FRC), New Orleans, LA**

The scope of work includes the full reconstruction of 8 blocks in the East Riverside area. The work includes the design of all water and **drainage utilities**, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections. Mr. Meligy assisted the lead civil engineer in water and **drainage utility designs** in compliance with the DPW standards and preparing cost estimate for the project.

### **DPW Engineering Pool, Roadway Enhancement & Reconstruction Black Pearl Neighborhood, New Orleans, LA**

This project involves fully reconstructing the 7700 block of Benjamin Street (Adams – Burdette) and milling and overlaying the 200 block of Cherokee Street (Benjamin – Hurst) and the 400 block Short Street (Pearl – Leak). Mr. Meligy was responsible for preparing and drafting water, sewer, and **drainage pipe designs**.

### **SELA, Master Drainage Plan for S&WB New Orleans, LA**

This project involves the **improvement for the drainage system** in New Orleans. Mr. Meligy was responsible for converting data from Storm Water Management model (SWMM) and preparing GIS maps to represent all the existing data for drainage conditions and proposed data to the Sewerage and Water Board.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Vy Thao Vu Designer/ Field Inspector
<b>Project Assignment:</b>
Designer/ Field Inspector
<b>Name of Firm with which associated:</b>

<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>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Ms. Vu is skillful in MS Word, Excel, PowerPoint, AutoCAD, Grapher 12, ArcGIS, and STAAD.</p> <p><b>FEMA Road Repair for RR036 East Riverside, Garden District, Irish Channel and St. Thomas Group B Neighborhood, New Orleans Department of Public Work (DPW), New Orleans, LA</b>                      The scope of work includes full re-construction design for Marengo Street and Constantinople Street. Ms. Vu assisted in the civil engineering CADD drawings and the cost estimate for the design for <b>proposed new drainage infrastructures</b>.</p> <p><b>Sewerage &amp; Water Board Emergency Operations-Pump Stations, New Orleans, LA</b>                      The scope of work included rehabilitation of <b>Pump D in Drainage Pump Station No. 4</b> for the New Orleans Sewerage &amp; Water Board (SWB). Ms. Vu served as an inspector and was responsible for ensuring all construction activities was performed in accordance with the contract documents, plans and specifications. She also prepared daily reports, documented the work performed, tracked personnel and verified the contractors pay quantities.</p>

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:</b>
<b>Name &amp; Title:</b>
Cory Seaton, CAD Technician
<b>Project Assignment:</b>
CAD Technician
<b>Name of Firm with which associated:</b>

<b>Years' experience with this Firm:</b>
1
<b>Education: Degree(s)/Year/Specialization:</b>
2000 / Civil Engineering
<b>Active registration: Year first registered/discipline:</b>
N/A
<b>Other experience and qualifications relevant to the proposed Project:</b>
<p>Mr. Seaton has over 10 years of AutoCAD experience in the fields of grading, <b>drainage</b>, corridors, utility plan &amp; profiles, and drawings sheet sets. Mr. Seaton is skillful in Autodesk/AutoCAD, Microsoft office, Network Troubleshooting, Lean/Six Sigma, WaterCAD, Infracore, Sketchup, and Bluebeam.</p> <p><b>FEMA Road Repair for RR0064 Hollygrove Group D (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA Civil Designer.</b>  This project involves fully reconstructing 12 blocks. Mr. Seaton was responsible for the civil engineering CADD plan and profile design drawings for the roadway profiles, design sewer, water, and <b>drainage replacement</b> for 6 of the 12 blocks within this project.</p> <p><b>FEMA Road Repair for RR065 Hollygrove Group E (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA</b>  This project involves fully reconstructing 12 blocks. Mr. Seaton was responsible for the civil engineering CADD plan and profile design drawings for the roadway profiles, design sewer, water, and <b>drainage replacement</b> for 6 of the 12 blocks within this project.</p> <p><b>FEMA Road Repair for RR071 Lake Terrace and Oaks Group C (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA</b>  This project involves fully reconstructing 14 blocks. Mr. Seaton was responsible for the civil engineering CADD plan and</p>

## TEC Professional Services Questionnaire

profile design drawings for the roadway profiles, design sewer, water, and **drainage replacement** for 4 of the 14 blocks within this project.

### **FEMA Road Repair for RR084 Lakeview North Group B (PMO), New Orleans Department of Public Work (DPW), New Orleans, LA**

The project consists of assessing and designing street pavement, sidewalk, driveway, curbs, and ADA Ramps affected by Hurricane Katrina for about 38 blocks of Street in the above neighborhoods. Mr. Seaton was responsible for the civil engineering CADD plan and profile design drawings as well as for design sewer, water, and **drainage replacement** for this project.

## TEC Professional Services Questionnaire

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

### PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
DPW Engineering Pool, Roadway Enhancement & Reconstruction, RR071 Lake Terrace and Oaks Group C (FRC), New Orleans, LA  Grayson Fleming DPW 1300 Perdido St., Ste 6W03 New Orleans, LA 70112  (504) 658-8065 Email: grfleming@nola.gov	The scope of work includes the following design features: roadway pavement completes with curbs and sidewalks; installation of handicap ramps at intersections; a base for the roadway pavement; <b>subsurface drainage</b> , water, and sanitary sewer installation, modifications, adjustments, and repair; adjustments to driveways, at intersecting streets and at project termini. ILSI Engineering is also responsible for the development of construction documents including plans, specifications, opinions of probable cost, and contract documents in accordance with the DPW standards. Construction Administration and Inspection services are also included in the scope of work for this project.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 - 2020	\$1,200,000	\$500,000

### PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
DPW Blue and Green Corridors Design Project, New Orleans, LA  Mary Kincaid, PE, DPW 1300 Perdido St., Ste 6W03 New Orleans, LA 70112  (504) 658-1550	ILSI Engineering provides Civil Engineering, <b>Hydraulic Modeling</b> , Construction Administration, and Inspection Services on this project. During the design phase, ILSI is responsible for the programming, conceptual design and design of the <b>stormwater management features including the pump stations and drainage structures</b> . ILSI is also providing the design for the bike paths and intersections to accommodate the other modes of transportation throughout the project.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018-2019	\$6,000,000	\$300,000

## 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>S&amp;WB Ray Avenue, Tulip Street and Rhodes Avenue Street Reconstruction, New Orleans, LA</p> <p>Ron Spooner S&amp;WB 625 S. Joseph Street, New Orleans, LA 70165</p> <p>(504) 865-0408 Email: r Spooner@swbno.org</p>	<p>The project required the <b>design of the new drainage</b>, sewer and water lines, complete roadway design and preparation of the construction documents for reconstruction of the streets in accordance with DPW and S&amp;WB requirements and specifications.</p> <p>ILSI Engineering provides Engineering, Construction Management, and Inspection Services on this project. ILSI Engineering is also responsible for obtaining all approvals and permits from affected utility companies and governmental agencies as necessary for the construction of the project.</p>	
<b>Completion Date (Actual or estimated)</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2017-2019	\$3,000,000	\$500,000

<b>PROJECT NO. 4</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>DPW Engineering Pool, Roadway Enhancement &amp; Reconstruction, Black Pearl Neighborhood, New Orleans, LA</p> <p>Grayson Fleming DPW 1300 Perdido St., Ste 6W03 New Orleans, LA 70112</p> <p>(504) 658-8065 Email: grfleming@nola.gov</p>	<p>The scope of work includes the following design features: roadway pavement completes with curbs and sidewalks; installation of handicap ramps at intersections; a base for the roadway pavement; <b>subsurface drainage</b>, water, and sanitary sewer installation, modifications, adjustments, and repair; adjustments to driveways, at intersecting streets and at project termini. ILSI Engineering is also responsible for the development of construction documents including plans, specifications, opinions of probable cost, and contract documents in accordance with the DPW standards. Construction Administration and Inspection services are also included in the scope of work for this project.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2018-2019	\$3,000,000	\$500,000

## 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>	
<p>Southeast Louisiana Urban Flood Control Project (SELA) Orleans Parish, LA – Program and Project Management</p> <p>US Army Corps of Engineers (USACE) Sewerage and Water Board (S&amp;WB)</p> <p>Ann Springston, P.E. BCG Engineering 3012 26th Street Metairie, LA 70002 <a href="mailto:aspringston@bcgnola.com">aspringston@bcgnola.com</a> (504) 454-3866</p>	<p>ILSI was contracted to provide program and project management and engineering services for the \$1.5 billion SELA program. ILSI Engineering has been providing uninterrupted services over the past 20 years. The PM's responsibility includes the <b>management of drainage improvements</b> being designed by seven engineering firms, <b>hydraulic and structural designs</b>, utility relocations, feasibility studies, and alternative analyses, cost estimates and administrative functions.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
1998 – Present	\$1.5 billion	\$6,800,000

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>IDIQ – Planning, Programmatic Management Support to the New Orleans District (MVN) for the Development of Master Drainage for City of Kenner, Project #W912P8-09-D-0010 – T.O. #10A Jefferson Parish, LA</p> <p>US Army Corps of Engineers New Orleans District 7400 Leake Avenue New Orleans, LA 70160</p> <p>Mr. Nick Sims Project Manager (504) 862-2128</p>	<p>ILSI Engineering provided technical assistance to the New Orleans District to conduct field investigations to provide information to identify <b>improvements to drainage outfalls</b> in the City of Kenner, Louisiana. Specifically, sufficient information was collected to determine the possible drainage requirements and improvements, estimate quantities, and cost estimating. Using this information, ILSI Engineering prepared plans, specifications and contract documents for the <b>drainage improvements</b>. This effort entailed all necessary steps (layout, details, cross sections, profiles, materials, quantities, etc.) to develop drawings and cost for three separate construction projects. ILSI Engineering also was responsible for coordinating with the utilities companies. This project consists of upsizing the existing outfall pipes that discharges into the existing outfalls in the City of Kenner.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2010 - 2017	\$5,000,000	\$5,000,000

## 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>FEMA Road Repair for RR064 Hollygrove Group D (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA</p> <p>Jitendra Shah, PE Meyer Engineers, Ltd. 4937 Hearst St. Metairie, La. 70001</p> <p>(504) 885-9892 Email: jshah@meyer-e-l.com</p>	<p>The scope of work includes the full reconstruction of 12 blocks in the Hollygrove area. The work includes the design of sewer, water and <b>drainage</b> utilities, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections.</p> <p>The drainage improvements designed for the given streets include removal of undersized existing drainage pipes; placement of gravity drainage pipes and drainage catch basins on both sides of the street, sized to accommodate a 10-year design storm.</p> <p>The Model used for the drainage calculations for RR064 Hollygrove Group D (FRC) project was the LADOTD Hydraulics program HYDRWINT.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
	\$1,200,000 (both RR064 & RR065)	\$100,000

<b>PROJECT NO. 8</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>FEMA Road Repair for RR065 Hollygrove Group E (FRC), New Orleans Department of Public Work (DPW), New Orleans, LA</p> <p>Jitendra Shah, PE Meyer Engineers, Ltd. 4937 Hearst St. Metairie, La. 70001</p> <p>(504) 885-9892 Email: jshah@meyer-e-l.com</p>	<p>The scope of work includes the full reconstruction of 12 blocks in the Hollygrove area. The work includes the design of sewer, water and <b>drainage</b> utilities, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections.</p> <p>Hydraulic calculations were required to determine the required drainage improvements. Field inspections and full topographic surveys were conducted, and hydraulic calculations were performed, and the required drainage improvements are identified in the preliminary plans, quantities, and cost estimate. The drainage improvements designed for the given streets include removal of undersized existing drainage pipes; placement of gravity drainage pipes and drainage catch basins on both sides of the street, sized to accommodate a 10-year design storm.</p> <p>The Model used for the drainage calculations for RR065 Hollygrove Group E (FRC) project was the LADOTD Hydraulics program HYDRWINT.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
	\$1,200,000 (both RR064 & RR065)	\$120,000

## 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>FEMA Road Repair for RR084 Lakeview North Group B (PMO), New Orleans Department of Public Work (DPW), New Orleans, LA</p> <p>New Orleans DPW 1300 Perdido St., Ste 6W03 New Orleans, LA 70112</p> <p>(504) 658-8065</p>	<p>The scope of work includes the full reconstruction of 15 blocks in the Lakeview area. The work includes the design of sewer, water and <b>drainage</b> utilities, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections.</p> <p>The drainage improvements designed for the given streets include removal of undersized existing drainage pipes; placement of gravity drainage pipes and drainage catch basins on both sides of the street, sized to accommodate a 10-year design storm.</p> <p>The Model used for the drainage calculations for RR084 Lakeview North Group B (PMO) project was the LADOTD Hydraulics program HYDRWINT.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
	\$3,200,000	\$450,000

<b>PROJECT NO. 10</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p>FEMA Road Repair for RR203 Gentilly Terrace South Group K (PMO)New Orleans Department of Public Work (DPW), New Orleans, LA</p> <p>John Shires, PE PEC 7600 Innovation Park Drive Baton Rouge, LA70820</p> <p>(225) 769-2810</p>	<p>The scope of work includes the full reconstruction of 6 blocks in the Gentilly Terrace area. The work includes the design of sewer, water and drainage utilities, grading, new pavement, gutters, sidewalks, catch basins and driveway aprons, and installing ADA ramps at intersections.</p> <p>Hydraulic calculations were required to determine the required drainage improvements. Field inspections and full topographic surveys were conducted, and hydraulic calculations were performed, and the required drainage improvements are identified in the preliminary plans, quantities, and cost estimate. The drainage improvements designed for the given streets include removal of undersized existing drainage pipes; placement of gravity drainage pipes and drainage catch basins on both sides of the street, sized to accommodate a 10-year design storm.</p> <p>The Model used for the drainage calculations for RR203 Gentilly Terrace South Group K (PMO) project was the LADOTD Hydraulics program HYDRWINT.</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
	\$1,900,000	\$291,000

## TEC Professional Services Questionnaire

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

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

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



Founded in 1994, Integrated Logistical Support, Inc. (ILSI Engineering) is a certified 8(a) 100% woman-owned, minority owned small business based in New Orleans with a project office in Baton Rouge and is a civil engineering and construction management firm with a strong record of performance on multi-year, multimillion-dollar projects completed in the federal, state, and municipal sectors. ILSI Engineering has design experience in the areas of street reconstruction including bike lanes and sidewalks, stormwater management, green infrastructure, enhancing civic spaces, water, sewer, and **drainage utilities improvements**, structural engineering for renovation of buildings, schematic design services, preliminary design services, final design services, construction management, construction engineering and construction inspection services.

ILSI has performed on a variety of multi-year, multi-million-dollar public sector contracts, all providing Program Management, Engineering and Construction Management services. ILSI is serving a large municipal Client and US Army Corps of Engineers project with no break in service for over 20 years. Planning and executing large-scale infrastructure projects grow more complex by the day. Bringing together multiple professional disciplines and managing multiple partners and stakeholders demands the communications process follow a clear channel of accountability for all, especially when under acute time pressure.

The firm enjoys DBE status with the following firms: RTA, LA Department of Transportation and Development, the City of New Orleans, Sewerage and Water, the New Orleans Louis Armstrong International Airport, the City of New Orleans, The Women's Business Enterprise National and Gulf Coast Council, Women's Presidents Organization (WPO), and the LA Minority Business Council. The firm is also a member of the Louisiana Professional Engineering and Land Surveying Board (LAPELS, American Society of Civil Engineers (ASCE), American Council of Engineering Companies (ACEC), and Society of Military Engineers (SAME).

## TEC Professional Services Questionnaire

**Our Executive Vice President for this contract will be Ronald L. Schumann, PE.** Ronald Schumann is a licensed professional engineer in LA, AL, MS, FL, and TX in civil engineering. He holds a BS in Civil Engineering from Louisiana Tech University. Mr. Schumann has civil engineering experience for planning, design and construction oversight of civil works projects including streetcar lines designs, renovation projects such as public parks and civic spaces, design-build new builds, sidewalks, bike lanes, roadways, and bridge projects and green infrastructures including pervious surfaces, bioswales, open channels, and landscaping such as tree planting. He has served as Project Manager on numerous projects throughout the City of New Orleans for DPW and S&WB. His experience dates back to the design of a portion of the approaches to the Crescent City Connection including the design of both the Lake Bound and River Bound frontage roads, **drainage systems** and relocation of all utilities in the corridor through a section of downtown New Orleans. His experience includes performing design and construction management directly for the Department of Public Works on numerous street, sidewalks, and bike lanes reconstruction and rehabilitation projects throughout New Orleans. Mr. Schumann also worked directly for the S&WB on a number of the SELA program projects including, the Claiborne Avenue, Napoleon Avenue and Louisiana Avenue SELA projects. Mr. Schuman also has extensive experience working for and with many of the public agencies and utility companies in New Orleans including the New Orleans Regional Planning Commission, LADOTD, FHWA, USACE, Louisiana CPRA, SLFPA-East, Orleans Levee District, Port of New Orleans, New Orleans Regional Transit Authority, Entergy, Atmos Energy, AT&T, and Cox Communications. **He is a past President of both the Louisiana Section and the New Orleans Branch of the American Society of Civil Engineers.**

### AWARDS

**ILSI Engineering was recognized twice by the Department of Defense (DoD) and PTAC Small Disadvantaged Business of the Year for Excellence in Government Contracting.**

**ILSI Engineering has provided continuous A/E, Planning and Construction Management services for over 17 years to the US Army Corps of Engineers, New Orleans District – completing over 60 Task Orders with ratings Superior to Very Good.**

#### **ILSI Engineering recognitions:**

- ✓ **2005 Small Disadvantaged Business of the Year for Excellence in Government Contracting, by the SBA, Procurement Technical Assistance Center (PTAC), and DoD.**
- ✓ **2006 DBE of the Year for New Orleans by SBA-PTAC-DoD**
- ✓ **#19 in Top Louisiana Fastest-Growing Companies on 2015 Inc. 5000 list.**
- ✓ **USACE – New Orleans District - Exceptional achievement for the Hurricane and Storm Damage Risk Reduction System (HSDRRS) mission.**
- ✓ **Engineering News Record (ENR) - ILSI Engineering recognized for providing engineering services on the SELA 23, uptown Napoleon Avenue, Phase 2 Project.**
- ✓ **2013 GOLDMAN SACHS Alumnae, “10,000 Small Businesses.”**
- ✓ **Featured in the 2015 August issue of Essence Magazine**
- ✓ **NOLA.COM – Readers selected ILSI Engineering for Minority Entrepreneur Profile.**
- ✓ **2014 Inner City Standout, at the ICIC’s Inner City 100 Symposium and Awards and 2015 Inner City 10K Small Business Alumni nominee for ICIC’s Inner City 100 Program**
- ✓ **Published in “The Atlantic” magazine in August 2015**
- ✓ **Gambit Magazine’s “Forty Under 40” – Iam Tucker, President, selected in 2012.**

**ILSI Engineering has performed on a variety of multi-year, multi-million-dollar public sector contracts, all having Construction Management and Engineering tasking. These include:**

## TEC Professional Services Questionnaire

- ✓ \$750M USACE Hurricane Protection Quality Assurance Project
- ✓ \$200M USACE Periodic Inspection Program for existing Civil/Hydraulic Structures
- ✓ \$1.5B Southeast Louisiana Urban Flood Control Program (SELA) – CPRA Funded
- ✓ \$1B City of Baton Rouge Sanitary Sewer Overflow Rehabilitation Program
- ✓ \$104M Construction Management services for the New Orleans Superdome Renovation and Sports Arena Facility
- ✓ \$850M Capital Improvement Program Management project for the Louis Armstrong New Orleans International Airport
- ✓ \$150M Program Management Major/Minor Streets Improvement project for the City of New Orleans
- ✓ \$300M Construction Inspection Services Program for the Port of New Orleans Napoleon Ave. Wharf Redevelopment Project
- ✓ \$140M Power Plant Retrofit Hardening and Pump Station Structural Renovations



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

Signature: 

Print Name: Ronald L. Schumann

Title: Executive Vice President

Date: 01/26/2021

# 8(a) Certified – Woman Owned Small Business



Integrated Logistical Support, Inc.



Iam C. Tucker, President



DUNS Number: 867727695

CAGE Code: 1LG64

ILSI Engineering is certified as an 8(a) firm with the U.S. Small Business Administration (SBA).

8(a) Joint Venture – ILSI. Arcadis 8(a) JV, LLC – SBA Mentor Protégé Agreement

Small Business Joint Venture – ILSI. Arcadis Small Business JV, LLC – SBA Mentor Protégé Agreement

#### PARTNERS

USACE  
LANG  
DOTD  
City of New Orleans, LA  
FEMA –CDBG Funded  
City of Baton Rouge, LA  
City of Gulfport, MS  
CH2MHill  
AECOM  
CDM  
Parsons  
Odebrecht  
HNTB  
LEIDOS  
Hatch Mott  
Brown and Caldwell  
Montgomery Watson Harza  
KHA Fra Consulting  
Moffatt and Nichol  
ATKINS GLOBAL  
WESTON Solutions, Inc.  
DMJM Harris  
Booz Allen Hamilton, Inc.  
CTA Technology  
CTE Engineers  
Earth Tech, Inc.  
Black & Veatch  
TRC Engineers  
ADS Environmental  
Stanley Engineering

## CAPABILITY STATEMENT

Founded 27 years ago, Integrated Logistical Support, Inc. (ILSI Engineering), is a New Orleans based Civil Engineering and Construction Management firm and is 100% minority woman owned.

ILSI Engineering was recognized as the:

- ✓ 2005 Small Disadvantaged Business of the Year for Excellence in Government Contracting, by the SBA, Procurement Technical Assistance Center (PTAC), and DoD.
- ✓ 2006 DBE of the Year for New Orleans by SBA-PTAC-DoD
- ✓ #19 in Top Louisiana Companies on 2015 Inc. 5000 list.
- ✓ USACE – New Orleans District - Exceptional achievement for the Hurricane and Storm Damage Risk Reduction System (HSDRRS) mission.
- ✓ Engineering News Record (ENR) - ILSI Engineering provided engineering services on the SELA 23, uptown Napoleon Avenue, Phase 2 Project.
- ✓ 2013 GOLDMAN SACHS Alumnae, "10,000 Small Businesses."
- ✓ Featured in the 2015 August issue of Essence Magazine
- ✓ NOLA.COM – Readers selected ILSI Engineering for Minority Entrepreneur Profile.
- ✓ 2014 Inner City Standout, at the ICIC's Inner City 100 Symposium and Awards and 2015 Inner City 10K Small Business Alumni nominee for ICIC's Inner City 100 Program
- ✓ Published in "The Atlantic" magazine in August 2015
- ✓ Gambit Magazine's "Forty Under 40" – Iam Tucker, President, selected in 2012.

ILSI Engineering has performed on a variety of multi-year, multi-million-dollar public sector contracts, all having Construction Management and Engineering tasking. These include:

- ✓ ILSI Engineering has existing contracts in the Mobile District, Galveston District, Vicksburg District and Baltimore District and with NAVFAC MidAtlantic.
- ✓ Construction Size - \$5M - \$40M – Project size ILSI routinely manages as a firm
- ✓ \$750M USACE Task Force Guardian Quality Assurance Project
- ✓ \$300M USACE IDIQ Planning and Civil Engineering Services
- ✓ \$200M USACE Periodic Inspection Program for existing Civil/Hydraulic Structures
- ✓ \$1.5B Southeast Louisiana Urban Flood Control Program (SELA) – CPRA Funded
- ✓ \$1B City of Baton Rouge Sanitary Sewer Overflow Rehabilitation Program
- ✓ \$104M Construction Management services for the New Orleans Superdome Renovation and Sports Arena Facility
- ✓ \$850M Capital Improvement Program Management project for the Louis Armstrong New Orleans International Airport
- ✓ \$150M Program Management Major/Minor Streets Improvement project for the City of New Orleans
- ✓ \$300M Construction Inspection Services Program for the Port of New Orleans Napoleon Ave. Wharf Redevelopment Project
- ✓ \$140M Power Plant Retrofit Hardening and Pump Station Structural Renovations

### Civil Works

- ✓ Flood Risk Management
- ✓ Flood Mitigation
- ✓ Master Planning
- ✓ Flood Control Structures
- ✓ Levee Systems
- ✓ Retaining Walls
- ✓ Structure Evaluation/Design
- ✓ Drainage Pumping Stations
- ✓ Master Drainage Studies
- ✓ StormWater Management/
- ✓ Conceptual Design Review
- ✓ Planning
- ✓ On and Off-shore Structures
- ✓ Airport Facilities
- ✓ Stadiums & Sporting Arenas
- ✓ Port/Wharf Re-development
- ✓ Highways, Roads, Streets & Bridges
- ✓ Off-System Bridge Design
- ✓ Geographic Information Systems (GIS)
- ✓ Microstation - CADD

### Sewer

- ✓ Master Planning
- ✓ Sewer Force Main
- ✓ Sewer Pumping Stations
- ✓ Sewer Lift Stations
- ✓ Sewer Treatment Facilities
- ✓ Wastewater Facilities
- ✓ Master Sewer Studies
- ✓ Water Sewer Studies
- ✓ Sewer Water Resources

### Water Resources

- ✓ Erosion Control
- ✓ Reservoirs
- ✓ Detention/Retention Ponds
- ✓ Permitting

- ✓ GIS Database Shape Files
- ✓ Wetland Mitigation Evaluation
- ✓ Natural Resources - Comprehensive Watershed Evaluations
- ✓ Wildlife Mitigation
- ✓ Wetland Delineation/ Analysis
- ✓ Wastewater/StormWater Management
- ✓ Water Supply and Treatment Facilities
- ✓ Water Storage Facilities
- ✓ Channel Relocation
- ✓ Flood Control Structures
- ✓ Hydraulic Structures
- ✓ Box Culverts
- ✓ Hydraulics/Hydrology Studies (H & H Modeling)
- ✓ Site Plan & Development
- ✓ Storm Water Pollution Plan

### Program/Construction Management

- ✓ Program Management
- ✓ Project Management
- ✓ Value Engineering
- ✓ Site Evaluation & Planning
- ✓ Feasibility Studies and Report Development
- ✓ Design Oversight
- ✓ Construction Management
- ✓ Construction Inspection Services
- ✓ Biddings, Tabulations and Construction Negotiations
- ✓ Schedule & Cost Analysis
- ✓ Construction Contract Administration
- ✓ Detailed Construction Plans and Specs

### Structural Engineering - Assessments

- ✓ Analysis and design of structures and various types of foundations; equipment support, pipe support, pipe bridges; platforms; multilevel residential, commercial and industrial buildings; and monorails.
- ✓ Also, ILSI can provide site investigation, identify structural damages and defects in commercial, and industrial buildings.

### ILSI ENGINEERING - CERTIFICATIONS

SBA 8(a) Minority, Woman, Small Business      Washington, DC  
 SBA 8(m) Woman Owned Small Business      Washington, DC

DBE Certifications      New Orleans, Baton Rouge, LA, Alabama

### NAICS CODES

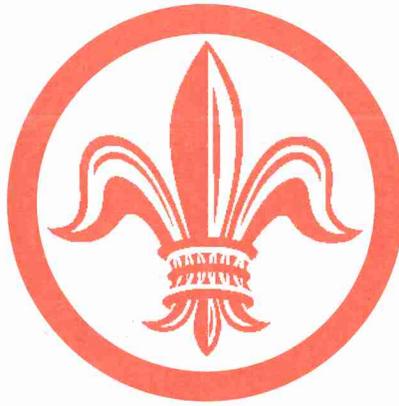
541330	Engineering Services
541360	GIS
541618	Other Management Consultant Services
541990	All other Professional Scientific and Technical Services
561410	Document Preparation Services
561499	All Other Business Support Services

P.E. Licenses – Southeast, US: LA, FL, AL, TX, MS

ACASS Ratings Range – Exceptional – Very Good

Languages – Spanish, Turkish, Russian, Arabic, Vietnamese





**CITY OF NEW ORLEANS**  
**Mayor LaToya Cantrell**

THIS PERMIT MUST BE PUBLICLY DISPLAYED

**City of New Orleans**  
**OCCUPATIONAL LICENSE**

LICENSE NO: **238158**  
DATE ISSUED: 3/18/2020  
DATE EXPIRES: 12/31/2020

Issuance of this occupational license is a receipt for payment of said tax and entitles the recipient to operate a business at the location shown, provided said business is operated within the confines of the application thereof, and does not violate any city or state criminal, health, or zoning laws.

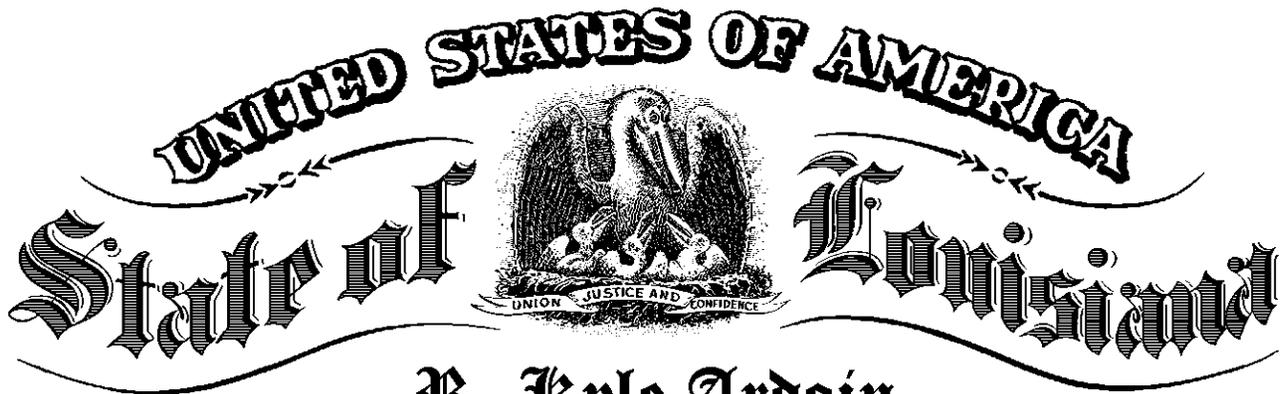
For the year ending December 31, 2020 the person or firm named hereon is hereby licensed to pursue the occupation of **3355 - ENGINEERING SERVICES**

TAXPAYER	<b>IAM C. TUCKER</b>	AMOUNT:	\$2,000.00
	<b>dba INTEGRATED LOGISTICAL SUPPORT, INC</b>	INTEREST:	\$25.00
ACCOUNT NO:	<b>101904105</b>	PENALTY:	\$100.00
BUSINESS LOCATION	<b>5130 TCHOUPITOULAS ST</b>	TOTAL:	<del>\$2,125.00</del>

*Romy S. Samuel*  
DIRECTOR OF FINANCE

*Romy S. Samuel*  
COLLECTOR OF REVENUE

THIS PERMIT IS NOT TRANSFERABLE



**R. Kyle Ardoin**  
SECRETARY OF STATE

*As Secretary of State of the State of Louisiana, I do hereby Certify that*

**INTEGRATED LOGISTICAL SUPPORT, INC.**

A corporation domiciled in NEW ORLEANS, LOUISIANA,

Filed charter and qualified to do business in this State on May 27, 1994,

I further certify that the records of this Office indicate the corporation has paid all fees due the Secretary of State, and so far as the Office of the Secretary of State is concerned is in good standing and is authorized to do business in this State.

I further certify that this Certificate is not intended to reflect the financial condition of this corporation since this information is not available from the records of this Office.

In testimony whereof, I have hereunto set my hand and caused the Seal of my Office to be affixed at the City of Baton Rouge on,

February 14, 2019

*Secretary of State*

Web 34464963D



Certificate ID: 11044012#C4C42

To validate this certificate, visit the following web site, go to **Business Services, Search for Louisiana Business Filings, Validate a Certificate**, then follow the instructions displayed.  
[www.sos.la.gov](http://www.sos.la.gov)



**U.S. SMALL BUSINESS ADMINISTRATION**  
WASHINGTON, D.C. 20416

October 31, 2013

Iam C. Tucker, President  
Integrated Logistical Support, Inc.  
1100 Poydras Street, Unit 2775  
New Orleans, Louisiana 70163-1104

Dear Ms. Tucker:

Congratulations! Your firm has been certified as a Participant in the U.S. Small Business Administration's (SBA) 8(a) Business Development Program. Your nine (9) year program term begins on the date of this letter.

During participation in the 8(a) Business Development Program, you will receive business development assistance from an assigned Business Development Specialist in the Louisiana District Office located at 365 Canal Street, Suite 2820, New Orleans, Louisiana 70130. The phone number is 504/589-6685.

Your firm will become eligible to receive 8(a) Business Development contracts after you submit a business plan using SBA Form 1010C and receive SBA's approval of the plan. We are sending a copy of this certification letter to the SBA Louisiana District Office. That office will send you the business plan form.

SBA requires that the 8(a) participant's President or Chief Executive Officer sign a Participation Agreement to show that he or she understands the conditions of 8(a) program participation. Please read the Agreement carefully, sign and date one copy and return it to the SBA Louisiana District Office at the address shown in the second paragraph above. The second copy is for your records.

Even though your firm's approved North American Industry Classification System (NAICS) Code is 541330, your firm may be awarded contracts under other NAICS Codes, as long as the firm is qualified to perform the required service or task. In this regard, please note that contracts awarded under 8(a) Business Development Program authority generally result from the self-marketing efforts of participating firms. While your firm's acceptance into the 8(a) Business Development Program is not a guarantee of contract support, SBA will make every effort to assist you in your marketing efforts.

I welcome you as an 8(a) Business Development Program participant and wish you every possible success.

Sincerely,

Darryl K. Hairston



Office of the Secretary  
PO Box 94245 | Baton Rouge, LA 70804-9245  
ph: 225-379-1200 | fx: 225-379-1851

John Bel Edwards, Governor  
Shawn D. Wilson, Ph.D., Secretary

July 14, 2020

JUL 20 2020

Integrated Logistical Support, Inc.  
Iam C. Tucker  
5130 Tchoupitoulas Street  
New Orleans, LA 70115

Dear Iam C. Tucker:

We have received your firm's Disadvantaged Business Enterprise (**DBE**) and Small Business Element (**SBE**) annual affidavit. Based on the information which you provided we have concluded that your firm continues to meet the eligibility requirements of our program and remains certified for only the following specific work categories that fall under the listed NAICS codes:

**NC541330-Engineering Services**

C09-Civil Engineering

**NC541512-Computer Systems Design Services**

C11-Planning

C18-System Design

**NC541513-Computer Facilities Management Services**

C16-Computer Analysis

**NC541611-Administrative Management and General Management Consulting Services**

C10-Management

**NC541618-Other Management Consulting Services**

C74-Construction Management

**NC561990-All Other Support Services**

C17-Support Services

*Please note that per the federal regulations, suppliers only receive 60% goal credit towards the materials they provide. Also note that A Louisiana Contractor's License is required by any contractor performing work in excess of \$50,000 with the exception of electrical, mechanical and plumbing which are required to have a license if work is in excess of \$10,000. You may contact the State Licensing Board for Contractors at (225) 765-2301 for more information. Your firm's certification will be recognized by all participants of the Louisiana Unified Certification Program. This includes all entities receiving federal transportation funding within the boundaries of our state.*

Due to recent changes in the Federal Regulations which govern our **DBE and SBE** programs, firms which have been certified will no longer have an expiration date, however you will be required to submit an annual affidavit with all supporting documents stating that your firm continues to meet the eligibility requirements of the program. This form will be sent to you approximately 4 weeks prior to your anniversary date (**April 30, 2021**). You must notify our office immediately, regarding any changes which affect the social and economic disadvantage, size, ownership or control of your firm.

Integrated Logistical Support, Inc.  
July 14, 2020  
Page 2

We reserve the right to withdraw this certification, if at any time, it is determined that **DBE and SBE** certification was knowingly obtained by the submission of false, misleading or incorrect data. We, further reserve the right to request additional information and/or conduct an on-site visit at any time during your certification period.

If we can be of further assistance, please don't hesitate to contact the DBE Certification Unit at (225) 379-1382.

Sincerely yours,



Rhonda Wallace  
DBE/SBE Program Manager

# STATE & LOCAL DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

1340 Poydras Street, Suite 1800 | New Orleans, LA 70112



August 14, 2020

## VIA EMAIL

Iam Tucker

**Integrated Logistical Support, Inc.**

5130 Tchoupitoulas Street

New Orleans, LA 70115

[corporate@ILSIengineering.com](mailto:corporate@ILSIengineering.com)

## **RE: SLDBE Certification Approval**

Dear Iam Tucker:

We are pleased to inform you that **Integrated Logistical Support, Inc.** has been approved for certification as a State & Local Disadvantaged Business Enterprise (SLDBE). This approval represents certification with: City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel.

Your firm's contact information will be active on the online SLDBE Directory (<http://neworleans.dbesystem.com>). It will reflect your areas of certification. Your specialties will be listed as:

**CERTIFICATION DESCRIPTION: CIVIL ENGINEERING; STRUCTURAL ENGINEERING; ELECTRICAL ENGINEERING; CONSTRUCTION MANAGEMENT; PROJECT MANAGEMENT; PROGRAM MANAGEMENT; BUILDING INSPECTION SERVICES; WATER RESOURCE ENGINEERING SERVICES**

**NAICS 2362201: CONSTRUCTION MANAGEMENT, COMMERCIAL AND INSTITUTIONAL BUILDING**

**NAICS 236220: PROJECT MANAGEMENT**

**NAICS 541330: CIVIL ENGINEERING SERVICES**

**NAICS 541330: ENGINEERING CONSULTING**

**NAICS 541350: BUILDING INSPECTION BUREAUS**

**NAICS 541330: ELECTRICAL ENGINEERING SERVICES**

A re-certification notice will be emailed to you prior to the date of expiration. **However, should you not receive notification from this office for your re-certification, it is your responsibility to contact us.** Submittal of this information is necessary to ensure that there is no interruption in your certified status during your certification period. If a re-certification application is not received, we will proceed with decertification procedures.

We invite you to view City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel websites for SLDBE opportunities.

If we can be of further assistance, you may contact us at 504-658-4275 or via e-mail at [saoliva@nola.gov](mailto:saoliva@nola.gov).

Sincerely,

*Sonia Oliva*

Sonia Oliva

Certification Coordinator

Office of Supplier Diversity | City of New Orleans

1340 Poydras Street | Suite 1800 | New Orleans, LA 70112



May 28, 2020

Iam Tucker  
Integrated Logistical Support, Inc. dba ILSI Engineering  
5130 Tchoupitoulas Street  
New Orleans, LA 70115

Dear Iam Tucker,

The Housing Authority of New Orleans, (HANO) has reviewed your application for certification to participate in its Disadvantaged Business Enterprise Program. The Development and Modernization Department has determined that your firm meets the eligibility requirements for a **Disadvantaged Business Enterprise (DBE)**. This DBE certification is for the period beginning **May 28, 2020** and ending on your State and Local Disadvantaged Business Enterprise (SLDBE) Program anniversary date of **April 22, 2021**. Upon renewal, please resubmit your renewal letter and application to HANO.

Your firm is eligible in the following work categories:

- NAICS 236201 – Construction Management, Commercial and Institutional Building
- NAICS 236220 – Project Management
- NAICS 541330 – Civil Engineering Services
- NAICS 541330 – Engineering Consulting
- NAICS 541350 – Building Inspection Bureaus

We have listed your company's name under the categories detailed above in HANO's Section 3/DBE/WBE Business Directory. Certification of your firm in no way guarantees business or contracts with HANO. Certification **ONLY** means that you are eligible and will be afforded an opportunity to participate in contracting opportunities as a DBE vendor.

We welcome you as a qualified Disadvantaged Business Enterprise and look forward to working with you and your company. If you need additional information, please contact me at (504)670-3423 or [tprice@hano.org](mailto:tprice@hano.org).

Sincerely,

*Tony Allen Price*

Tony Allen Price, MPA  
Labor/Section 3 Compliance Specialist

# CERTIFICATE OF CERTIFICATION

***HOUSING AUTHORITY OF NEW ORLEANS  
DISADVANTAGED BUSINESS ENTERPRISE PROGRAM  
4100 TOURO STREET  
NEW ORLEANS, LA 70122***

*This certifies that:*

Iam Tucker  
Integrated Logistical Support, Inc. dba ILSI Engineering  
5130 Tchoupitoulas Street  
New Orleans, LA 70115

*Has been recognized and certified by the Housing Authority of New Orleans' Department of Development and Modernization as a Disadvantaged Business Enterprise.*



*Approval Date: May 28, 2020  
Expiration Date: April 22, 2021*

*Tony Allen Price*

*Tony Allen Price, MPA  
Labor/Section 3 Compliance Specialist*



May 28, 2020

Iam Tucker  
Integrated Logistical Support, Inc. dba ILSI Engineering  
5130 Tchoupitoulas Street  
New Orleans, LA 70115

Dear Iam Tucker,

The Housing Authority of New Orleans, (HANO) has reviewed your application for certification to participate in its Disadvantaged Business Enterprise Program. The Development and Modernization Department has determined that your firm meets the eligibility requirements for a **Woman-Owned Business Enterprise (WBE)**. This WBE certification is for the period beginning **May 28, 2020** and ending on your Woman's Business Enterprise National Council (WBENC) anniversary date of **May 31, 2021**. Upon renewal, please resubmit your renewal letter and application to HANO.

Your firm is eligible in the following work categories:

- NAICS 236201 – Construction Management, Commercial and Institutional Building
- NAICS 236220 – Project Management
- NAICS 541330 – Civil Engineering Services
- NAICS 541330 – Engineering Consulting
- NAICS 541350 – Building Inspection Bureaus

We have listed your company's name under the categories detailed above in HANO's Section 3/DBE/WBE Business Directory. Certification of your firm in no way guarantees business or contracts with HANO. Certification **ONLY** means that you are eligible and will be afforded an opportunity to participate in contracting opportunities as a WBE vendor.

We welcome you as a qualified Woman-Owned Business Enterprise and look forward to working with you and your company. If you need additional information, please contact me at (504)670-3423 or [tprice@hano.org](mailto:tprice@hano.org).

Sincerely,

*Tony Allen Price*

Tony Allen Price, MPA  
Labor/Section 3 Compliance Specialist

# CERTIFICATE OF CERTIFICATION

***HOUSING AUTHORITY OF NEW ORLEANS  
DISADVANTAGED BUSINESS ENTERPRISE PROGRAM  
4100 TOURO STREET  
NEW ORLEANS, LA 70122***

*This certifies that:*

Iam Tucker  
Integrated Logistical Support, Inc. dba ILSI Engineering  
5130 Tchoupitoulas Street  
New Orleans, LA 70115

*Has been recognized and certified by the Housing Authority of New Orleans' Department of Development and Modernization as a Woman-Owned Business Enterprise.*



*Approval Date: May 28, 2020  
Expiration Date: May 31, 2021*

*Tony Allen Price*

---

*Tony Allen Price, MPA  
Labor/Section 3 Compliance Specialist*



**Regional Transit Authority**  
2817 Canal Street  
New Orleans, LA 70119-6301

504.827.8300

[www.norta.com](http://www.norta.com)

August 23, 2016

Iam C. Tucker  
Integrated Logistical Support, Inc.  
Tucker Building  
5130 Tchoupitoulas Street  
New Orleans, LA 70115

Dear Iam C. Tucker:

We are pleased to inform you that your firm has been certified as a Small Business Enterprise (SBE).

Your firm remains certified in the SBE Program until there are any changes to your company or to your personal net worth that exceed the SBE eligibility criteria. Please note that you must notify our office immediately regarding any changes which affect the economic disadvantage, size, ownership or control of your firm.

You are required to submit an annual affidavit stating that your firm continues to meet the eligibility requirements of the program. If you are both DBE and SBE certified you will receive a Disadvantaged Business Enterprise Annual Affidavit approximately 4 weeks prior to your DBE Certification anniversary date. The annual affidavit for the DBE program will automatically apply to your SBE certification. If you are SBE certified only, you will receive a Small Business Enterprise Annual Affidavit approximately 4 weeks prior to your SBE Certification anniversary date.

We reserve the right to withdraw this certification if at any time it is determined that SBE certification was knowingly obtained by the submission of false, misleading, or incorrect information. We further reserve the right to request additional information and/or conduct an on-site visit at any time during your certification period.

If we can be of further assistance, please contact the Office of Small Business Development at (504)827-8408.

Sincerely,

Eliza Eugene,  
Director, Office of Small Business Development

# WBENC

WOMEN'S BUSINESS ENTERPRISE  
NATIONAL COUNCIL

JOIN FORCES. SUCCEED TOGETHER.

hereby grants

# National Women's Business Enterprise Certification

to

Integrated Logistical Support, Inc., (ILSI Engineering) DBA ILSI Engineering

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).

This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

WBENC National WBE Certification was processed and validated by Women's Business Enterprise Council - South, a WBENC Regional Partner Organization.

Certification Granted: May 31, 2015

Expiration Date: May 31, 2021

WBENC National Certification Number: 2005126837



Authorized by Phala Mire, President Women's Business Enterprise Council - South

**WBENC**SOUTH  
WOMEN'S BUSINESS ENTERPRISE COUNCIL  
JOIN FORCES. SUCCEED TOGETHER.

NAICS: 541330, 541360, 541618, 541990, 561410, 561499

UNSPSC: 81100000, 81101500, 81101510, 81101528, 81101600, 81102201





WOMEN'S BUSINESS ENTERPRISE NATIONAL COUNCIL

JOIN FORCES. SUCCEED TOGETHER.

HEREBY GRANTS WOMAN OWNED SMALL BUSINESS (WOSB) CERTIFICATION TO

Integrated Logistical Support, Inc., (ILSI Engineering) DBA ILSI Engineering

The identified small business is an eligible WOSB for the WOSB Program, as set forth in 13 C.F.R. part 127 and has been certified as such by an SBA approved Third Party Certifier pursuant to the Third Party Agreement, dated June 30, 2011, and available at www.sba.gov/wosb.

The WOSB Certification expires on the date herein unless there is a change in the SBA's regulation that makes the WOSB ineligible or there is a change in the WOSB that makes the WOSB ineligible. If either occurs, this WOSB Certification is immediately invalid. The WOSB must not misrepresent its certification status to any other party, including any local or State government or contracting official or the Federal government or any of its contracting officials.

NAICS: 541330, 541611, 541613, 541618, 541620, 541990, 561110, 561320, 561410 UNSPSC: 81100000, 81101500, 81101510, 81101528, 81101600, 81102201
Certification Number: WOSB190989
Expiration Date: July 1, 2021



Phala Mire, Women's Business Enterprise Council - South President & CEO

Pamela Prince-Eason, WBENC President & CEO

Laura Taylor, WBENC Vice President



**DIVISION OF SMALL BUSINESS SERVICES**

This certification acknowledges that

**INTEGRATED LOGISTICAL SUPPORT, INC.  
DBA: ILSI Engineering**

is Certified-Active as a Small Entrepreneurship with  
Louisiana Economic Development's Hudson Initiative.

This certification is valid from 2/4/2020 to 2/4/2021 .

Certification No. 8414

A handwritten signature in black ink, reading "Stephanie Hartman", is written over a horizontal line.

Stephanie Hartman,  
Director, Entrepreneurial Services



June 29, 2020

Iam Tucker  
Integrated Logistical Support, Inc., (ILSI Engineering) DBA ILSI Engineering  
Tucker Building - 5130 Tchoupitoulas Street  
New Orleans, LA 70115

Subject: MBE/FBE Certification Application Status

Dear Sir or Madam:

Congratulations! The City of Jackson's Division of Equal Business Opportunity is pleased to inform you that the company; Integrated Logistical Support, Inc., (ILSI Engineering) DBA ILSI Engineering, is certified as a Female Business Enterprise (FBE) and is on record as such in this office.

Enclosed is your certificate. This certification status is valid for two (2) years. Recertification is the responsibility of the company. If ownership, control or operation of your company changes during the approval period, please notify this office of those changes.

Also, if you want to receive all City of Jackson bid opportunity notices by e-mail and/or cell phone please register through the website ([www.jacksonms.gov](http://www.jacksonms.gov)).

If you have questions or comments, please contact Vic Sexton via phone 601-960-1055 or email at [vsexton@city.jackson.ms.us](mailto:vsexton@city.jackson.ms.us).

The Department of Economic Development appreciates your continued business and support of the City of Jackson.

Respectfully,

Vic Sexton  
Small Business Outreach Coordinator  
Office of Economic Development  
City of Jackson  
[vsexton@city.jackson.ms.us](mailto:vsexton@city.jackson.ms.us)  
(601)960-1055

## TEC Professional Services Questionnaire

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

### **Routine Engineering Services for Drainage Projects in Jefferson Parish (Supplemental List)**

SOQ 20-21 | Resolution No. 136765

**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
		<b>24 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:

- *Coventry Drainage Pump Stations, Jefferson Parish, LA*
- *Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA*
- *Orleans Village Subdivision Drainage Improvements, Jefferson Parish, LA*
- *Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA*
- *Waggaman Canal Relocation Survey (Jefferson Parish Landfill Sites), Jefferson Parish, LA*
- *Mazoue Ditch Drainage Improvements (Rose Crest Lane to Darby Lane), Jefferson Parish, LA*
- *Mounes Subsurface Drainage - Phase I, Jefferson Parish, LA*
- *Jack & Bores Survey (Drainage Project), Waggaman, Jefferson Parish, LA*
- *Morton & Ingrid Pump Station, Jefferson Parish, LA*
- *Mazoue Ditch Drainage Improvements Phase IV, Jefferson Parish, LA*
- *Paillet-Maplewood Drainage Improvements, Jefferson Parish, LA*
- *Taft Park Pump Station and Drain Line Path, Jefferson Parish, LA*
- *Mazoue Ditch Improvements, Phase I, Jefferson Parish, LA*
- *Emergency Generators at 13 Pump Station Sites, Jefferson Parish, LA*
- *Oakwood/Terrytown Drainage Improvements, Jefferson Parish, LA*
- *Massachusetts Avenue Drainage Improvements, Jefferson Parish, LA*
- *Hoey's Canal Drainage Improvements (Deckbar Ave to Labarre Rd), Jefferson Parish, LA*
- *Woodland West Drainage Improvements - Phase 2A, Vulcan Drive and Telestar Street, Jefferson Parish, LA*
- *Sub-Basin 3 Proposed Improvements (Meadow Street & Myrtle Street), Bunche Village, Jefferson Parish, LA*
- *Avenue D Drainage Improvements, Jefferson Parish, LA*
- *Oakwood Terrytown Drainage Improvements (Carol Sue Drainage Improvements), Jefferson Parish, LA*
- *Mounes Subsurface Drainage (Phase IV, Dickory to Elmwood Park Blvd), Jefferson Parish, LA*
- *Orange Lane Pump Station Project, Grand Isle, Jefferson Parish, LA*
- *Maplewood & Paillet HMGP, West Bank Subsurface Drainage Improvement Program Ph II, Jefferson Parish, LA*
- *Hillings Ditch/Drolla/Suave Road Drainage Improvements, Jefferson Parish, LA*
- *Route Topographic (including Lift Station/Force Main) Surveying Services, Jefferson Parish, LA*
- *Soniat Canal Timber Bulkhead Replacement Route Topographic Survey, Jefferson Parish, LA*
- *Paillet Pump Station Access Road and Drainage Improvements, Jefferson Parish, LA*
- *Westgate Subdivision Subsurface Drainage Improvements, Jefferson Parish, LA*
- *Canal No. 17 Bank Stabilization Phase II, Jefferson Parish, LA*
- *Clearview Drainage Pump Station and St. Peter's Ditch, Jefferson Parish, LA*
- *Jefferson Parish West Bank Subsurface Drainage Improvement Project, Phase II, Bellemeade Boulevard to the Violet Canal Discharge, Jefferson Parish, LA*
- *Hilling Ditch Drainage Improvements, Jefferson Parish, LA*
- *Mason Ditch Drainage Improvements, Jefferson Parish, LA*
- *Hurricane Gustav Drainage Canal Repairs, East Bank, Jefferson Parish, LA*
- *Bannerwood Drainage Improvements, Jefferson Parish, LA*
- *Town of Jean Lafitte Drainage Improvements, Jefferson Parish, LA*
- *17th Street Canal Drainage Improvements, Jefferson/Orleans Parishes, LA*
- *Ames Boulevard Drainage Pump Station Warehouse, Jefferson Parish, LA*
- *West Bank Expressway, Phase I Drainage Map, from Peters Road to Manhattan Boulevard, Jefferson Parish, LA*
- *Drainage Improvements, Woodland West Subdivision, Jefferson Parish, LA*

## TEC Professional Services Questionnaire

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

**Name & Title:**

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

**Project Assignment:**

Engineering Liaison

**Name of Firm with which associated:**

**B<sub>F</sub>M CORPORATION, LLC**  
Professional Land & Hydrographic Surveying

**Years experience with this Firm:**

4 years (became partial owner of BFM in 2017); 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:**

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

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

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.

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.

BFM Corporation projects overseen by Mr. Poché would include:

## TEC Professional Services Questionnaire

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

*Chad M. Poché, P.E. (continued)*

**Coventry Drainage Pump Stations, Jefferson Parish, LA.** BFM provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The limits of survey extended from right-of-way to right-of-way along Jefferson Highway, including properties southwest of Jefferson Highway between Coventry Court and Colonial Heights Road. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). The hydrographic survey extended 500 feet into the river from the water's edge. (\$89,780 (fee); 2020)

**Mounes Subsurface Drainage (Phase IV, Dickory to Elmwood Park Blvd), Jefferson Parish, LA.** BFM provided topographic surveying services for the project. (\$23,540 (fee); 2017)

**Orange Lane Pump Station Project, Grand Isle, Jefferson Parish, LA.** BFM prepared a drainage map survey for the project at the Orange Lane Pump Station located in Grand Isle. (\$23,040 (fee); 2020)

**Soniat Canal Timber Bulkhead Replacement Route Topographic Survey, Jefferson Parish, LA.** BFM's services involved a Route Topographic Survey for the project area; this involved the area along Soniat Canal and extended fence line to fence line. BFM established baseline and temporary benchmarks, and located improvements, utilities, trees, and property corners. (In a Route Topographic Survey, the full scope plan & profile includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work.) (\$19,975 (fee); 2020)

**Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA.** BFM provided surveying services for this Drainage Evaluation Project (PW 2018-024-DR, Exhibit B). The scope of services included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent right-of-way (ROW) of Causeway Boulevard to easterly apparent ROW of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope. (\$18,350 (fee); 2020)

**Hero Pump Station, Harvey, Jefferson Parish, LA.** BFM provided topographic surveying services for the project. (\$16,380 (fee); 2018)

**Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA.** BFM executed a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The project area (Allo Street) extended from 4th Street to 6th Street. (\$12,855 (fee); 2019)

**Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey for Phase 1 of the project, which was located at Elmwood Parkway and Craig Avenue. (\$7,980 (fee); 2020)

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

## TEC Professional Services Questionnaire

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

**Name & Title:**

**John Philip Thayer**  
Field Operations Supervisor

**Project Assignment:**

Field Operations Supervisor

**Name of Firm with which associated:**

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

**Years experience with this Firm:**

13 years (joined BFM in 2008); 14 years total (2007)

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

B.S., 2007, Physical Education, Trevecca Nazarene University

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

*Professional Land Surveyor Registration in process, State of Louisiana*

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

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.

**Paillet – Maplewood Drainage Improvements, Jefferson Parish, LA.** BFM provided topographic surveying services for the project. (\$89,735 (fee); 2011)

**Coventry Drainage Pump Stations, Jefferson Parish, LA.** BFM provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The limits of survey extended from right-of-way to right-of-way along Jefferson Highway, including properties southwest of Jefferson Highway between Coventry Court and Colonial Heights Road. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). The hydrographic survey extended 500 feet into the river from the water's edge. (\$89,780 (fee); 2020)

**Jack & Bores Survey (Drainage Project), Waggaman, Jefferson Parish, LA.** BFM provided topographic surveying for this project which involved a jack & bores survey along the Union Pacific Railroad in Waggaman for new drainage 420 feet east of Modern Farms Road to 610 feet past Willswood Lane. (\$52,579 (fee); 2011)

## TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

*John Philip Thayer (continued)*

**Taft Park Pump Station and Drain Line Path, Jefferson Parish, LA.** BFM provided topographic surveying services for the pump station and drain line path at the Taft Park Pump Station site. (\$48,719 (fee); 2009)

**Oakwood/Terrytown Drainage Improvements, Jefferson Parish, LA.** BFM provided topographic surveying services for the project. (\$28,821 (fee); 2010)

**Massachusetts Avenue Drainage Improvements, Jefferson Parish, LA.** BFM provided topographic surveying services for the project, which extended from W Napoleon Avenue to Veterans Memorial Boulevard. (\$28,515 (fee); 2009)

**Orleans Village Subdivision Drainage Improvements, Jefferson Parish, LA.** BFM provided topographic surveying services for the Orleans Village Drainage Improvements project, which included Rue Louis Phillippe, Rue Racine, Caddy Drive, and Sauvage Avenue. (\$27,525 (fee); 2011)

**Morton & Ingrid Pump Station, Jefferson Parish, LA.** BFM executed a topographic survey, beginning at the Morton & Ingrid Pump Station, with said survey running along Morton Street to Elizabeth Street then continuing along Elizabeth Street towards West Napoleon Avenue and ending at the Elizabeth Street Pump Station. (\$27,500 (fee); 2012)

**Hoey's Canal Drainage Improvements (Deckbar Ave to Labarre Rd), Jefferson Parish, LA.** BFM provided topographic surveying services for the project. (\$27,152 (fee); 2011)

**Drainage Pump Station, Veterans North & South, Right-of-Way, 17th Street Canal, Jefferson Parish, LA.** BFM prepared a topographic survey (with right of way & underground utilities locations) for this proposed pump station project. (\$26,540 (fee); 2014)

**Mounes Subsurface Drainage – Phase I, Jefferson Parish, LA.** BFM provided all requested topographic surveying services for Phase I of the Mounes Subsurface Drainage project, which extended from Dickory to Elmwood Park Boulevard). (\$26,240 (fee); 2017)

**Marlin Court Drainage Project, Jefferson Parish, LA.** BFM provided topographic surveying services for the project. (\$26,235 (fee); 2010)

**Woodland West Drainage Improvements - Phase 2A, Vulcan Drive and Telestar Street, Jefferson Parish, LA.** BFM provided surveying services for the project. (\$25,949 (fee); 2009)

**Sub-Basin 3 Proposed Improvements (Meadow Street & Myrtle Street), Bunche Village, Jefferson Parish, LA.** BFM provided topographic surveying services for the project. (\$25,859 (fee); 2010)

**Avenue D Drainage Improvements, Jefferson Parish, LA.** BFM provided topographic surveying for the project. (SP 576-26-0028) (\$25,195 (fee); 2009)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Gary J. Lambert, Jr., LSI**  
Project Manager/Drafting Supervisor

**Project Assignment:**

Project Manager/Drafting Supervisor

**Name of Firm with which associated:**

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

**Years experience with this Firm:**

3 years (joined BFM in 2018); 3 years total

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

B.S., 2018, Geomatics, Nicholls State University  
B.S., 2014, Construction Management, Louisiana State University

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

2019, Survey Intern, Louisiana, LSI.0000694

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

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).

**Orange Lane Pump Station Project, Grand Isle, Jefferson Parish, LA.** BFM prepared a drainage map survey for the project at the Orange Lane Pump Station located in Grand Isle. (\$23,040 (fee); 2020)

**Coventry Drainage Pump Stations, Jefferson Parish, LA.** BFM provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The limits of survey extended from right-of-way to right-of-way along Jefferson Highway, including properties southwest of Jefferson Highway between Coventry Court and Colonial Heights Road. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). The hydrographic survey extended 500 feet into the river from the water's edge. (\$89,780 (fee); 2020)

**Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA.** BFM provided surveying services for this Drainage Evaluation Project (PW 2018-024-DR, Exhibit B). The scope of services included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to

## TEC Professional Services Questionnaire

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

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

perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent right-of-way (ROW) of Causeway Boulevard to easterly apparent ROW of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope. (\$18,350 (fee); 2020)

**Soniat Canal Timber Bulkhead Replacement Route Topographic Survey, Jefferson Parish, LA.** BFM's services involved a Route Topographic Survey for the project area; this involved the area along Soniat Canal and extended fence line to fence line. BFM established baseline and temporary benchmarks, and located improvements, utilities, trees, and property corners. (In a Route Topographic Survey, the full scope plan & profile includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work.) (\$19,975 (fee); 2020)

**Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey for Phase 1 of the project, which was located at Elmwood Parkway and Craig Avenue. (\$7,980 (fee); 2020)

**North Arnoult Drainage Pump Station Improvements, Jefferson Parish, LA.** BFM's project services included both boundary and topographic surveying of the project site. (\$6,870 (fee); 2019)

**Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA.** BFM executed a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The project area (Allo Street) extended from 4th Street to 6th Street. (\$12,855 (fee); 2019)

**Holly Drive Drainage Project, Lewisburg Estates Subdivision, Mandeville, St. Tammany Parish, LA.** BFM provided boundary with topographic surveying of the project site (multiple lots) in the Lewisburg Estates Subdivision for the drainage project. (\$13,392 (fee); 2019)

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

**Brewster Road Subsurface Drainage Improvements and Proposed Detention Pond, St. Tammany Parish, LA.** BFM provided multiple surveying services (including Route Topographic, Right-of-Way, Drainage Study, Property Acquisition) for the Brewster Road Subsurface Drainage Improvements and Proposed Detention Pond in St. Tammany Parish. The Limits of Survey included the area of Brewster Road between LA HWY 1077 and LA HWY 21; BFM provided Temporary Benchmarks, location of all improvements (natural and man-made) and utilities (including drainage, sewer, and water structures), and coordination with State and Local agencies. BFM took cross-sections at 100 ft. intervals and property corners along the route to determine rights-of-way. (\$203,320 (fee); 2020)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Christopher Lemley**  
Quality Control Supervisor/Survey Crew Chief

**Project Assignment:**

Quality Control Supervisor

**Name of Firm with which associated:**



**Years experience with this Firm:**

7 years (joined BFM in 2014); 15 years total (2006)

**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. 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 & 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).

**Waggaman Canal Relocation Survey (Jefferson Parish Landfill Sites), Jefferson Parish, LA.** BFM Corporation was contracted to provide boundary, right-of-way, and topographic surveying services for the project site. Location of improvements were plotted within the designated limits of the survey; this included buildings, fences, light standards, traffic control devices, signage, structures, pavement, and other topographic features. Existing storm sewer and sanitary sewers were located using top of casing; invert elevations were provided on the survey. (\$19,940 (fee); 2016)

**Taft Park Drainage Pump Station, Jefferson Parish, LA.** BFM executed surveying services involving location & elevations of the drainage structures for monitoring of the Taft Park Pump Station. The survey was from 33rd Street (Vernon Street) to West Napoleon Avenue. (\$1,000 (fee); 2015)

## TEC Professional Services Questionnaire

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

*Christopher Lemley (continued)*

**Goose Bayou Drainage Pump Station, Lafitte, Jefferson Parish, LA.** BFM provided all surveying as instructed by the project engineer. (\$11,905 (fee); 2016)

**Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA.** BFM executed a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The project area (Allo Street) extended from 4th Street to 6th Street. (\$12,855 (fee); 2019)

**Route Topographic (including Lift Station/Force Main) Surveying Services, Jefferson Parish, LA.** BFM provided boundary and topographic surveys for the project, which included a force main survey involving Veterans Boulevard, between the Suburban Canal and North Hullen Street (lift station improvements). Both full and partial route surveys were executed. (\$20,000 (fee); 2016)

**Cleary Avenue & West Napoleon Lift Station & Force Main, Jefferson Parish, LA.** BFM provided topographic surveying services for the project. (\$9,116 (fee); 2016)

**Manson Ditch (ICRR Ditch) Survey, Jefferson Parish, LA.** BFM provided topographic surveying services for the Manson Ditch (ICRR ditch), which extended from Kaye Street to Arnoult Road. (\$9,995 (fee); 2017)

**Parish Line Pump Station No. 5, Kenner, Jefferson Parish, LA.** BFM's surveying services included setting control points (recover existing control references) and verification of existing control (horizontal & vertical values on new control points). (\$2,175 (fee), 2018)

**Mounes Subsurface Drainage – Phase I, Jefferson Parish, LA.** BFM provided all requested topographic surveying services for Phase I of the Mounes Subsurface Drainage project, which extended from Dickory to Elmwood Park Boulevard). (\$26,240 (fee); 2017)

**25th Street & Adjacent Canal, Gretna, Jefferson Parish, LA.** BFM provided cross section surveying and a limited drainage survey for the project. (\$2,925 (fee); 2017)

**Coventry Drainage Pump Stations, Jefferson Parish, LA.** BFM provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The limits of survey extended from right-of-way to right-of-way along Jefferson Highway, including properties southwest of Jefferson Highway between Coventry Court and Colonial Heights Road. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). The hydrographic survey extended 500 feet into the river from the water's edge. (\$89,780 (fee); 2020)

**Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey for Phase 1 of the project, which was located at Elmwood Parkway and Craig Avenue. (\$7,980 (fee); 2020)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Thomas O. Wright**  
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:**

13 years (joined BFM in 2008); 44 years total (1977)

**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. 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 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.

**Westwego Drainage Pump Station No. 1, Jefferson Parish, LA.** BFM provided all topographic surveying services (including vertical control) for the project. (\$4,725 (fee); 2018)

**Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey for Phase 1 of the project, which was located at Elmwood Parkway and Craig Avenue. (\$7,980 (fee); 2020)

**Mounes Subsurface Drainage (Phase IV, Dickory to Elmwood Park Blvd), Jefferson Parish, LA.** BFM provided topographic surveying services for the project. (\$23,540 (fee); 2017)

**Massachusetts Avenue Drainage Improvements, Jefferson Parish, LA.** BFM provided topographic surveying services for the project, which extended from W Napoleon Avenue to Veterans Memorial Boulevard. (\$28,515 (fee); 2009)

## 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.

**Waggaman Canal Relocation Survey (Jefferson Parish Landfill Sites), Jefferson Parish, LA.** BFM Corporation was contracted to provide boundary, right-of-way, and topographic surveying services for the project site. Location of improvements were plotted within the designated limits of the survey; this included buildings, fences, light standards, traffic control devices, signage, structures, pavement, and other topographic features. Existing storm sewer and sanitary sewers were located using top of casing; invert elevations were provided on the survey. (\$19,940 (fee); 2016)

**Orange Lane Pump Station Project, Grand Isle, Jefferson Parish, LA.** BFM prepared a drainage map survey for the project at the Orange Lane Pump Station located in Grand Isle. (\$23,040 (fee); 2020)

**Jack & Bores Survey (Drainage Project), Waggaman, Jefferson Parish, LA.** BFM provided topographic surveying for this project which involved a jack & bores survey along the Union Pacific Railroad in Waggaman for new drainage 420 feet east of Modern Farms Road to 610 feet past Willswood Lane. (\$52,579 (fee); 2011)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Jeff Patin**  
Survey Crew Chief

**Project Assignment:**

Survey Crew Chief

**Name of Firm with which associated:**



**Years experience with this Firm:**

2 years (joined BFM in 2019); 22 years total (1999)

**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. 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 & all work required to execute the survey and obtain the information needed. Mr. Patin has worked on projects for various public & private clients, and has performed field work under the direction of the Corps of Engineers.

**Coventry Drainage Pump Stations, Jefferson Parish, LA.** BFM provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The limits of survey extended from right-of-way to right-of-way along Jefferson Highway, including properties southwest of Jefferson Highway between Coventry Court and Colonial Heights Road. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). The hydrographic survey extended 500 feet into the river from the water's edge. (\$89,780 (fee); 2020)

**Orange Lane Pump Station Project, Grand Isle, Jefferson Parish, LA.** BFM prepared a drainage map survey for the project at the Orange Lane Pump Station located in Grand Isle. (\$23,040 (fee); 2020)

**Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey for Phase 1 of the project, which was located at Elmwood Parkway and Craig Avenue. (\$7,980 (fee); 2020)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Anthony Watson**  
CADD Technician

**Project Assignment:**

CADD Technician

**Name of Firm with which associated:**



**Years experience with this Firm:**

10 years (joined BFM in 2011); 30 years total (1992)

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

*Coursework - CAD, Avatech Solutions, Los Colinas, TX*

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

NA

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

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 & profile, etc.) in both drafting and field environments.

**Mounes Subsurface Drainage – Phase I, Jefferson Parish, LA.** BFM provided all requested topographic surveying services for Phase I of the Mounes Subsurface Drainage project, which extended from Dickory to Elmwood Park Boulevard). (\$26,240 (fee); 2017)

**Morton & Ingrid Pump Station, Jefferson Parish, LA.** BFM executed a topographic survey, beginning at the Morton & Ingrid Pump Station, with said survey running along Morton Street to Elizabeth Street then continuing along Elizabeth Street towards West Napoleon Avenue and ending at the Elizabeth Street Pump Station. (\$27,500 (fee); 2012)

**Drainage Pump Station, Veterans North & South, Right-of-Way, 17th Street Canal, Jefferson Parish, LA.** BFM prepared a topographic survey (with right of way & underground utilities locations) for this proposed pump station project. (\$26,540 (fee); 2014)

## TEC Professional Services Questionnaire

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

<b>Years experience with this Firm:</b>
3 years (joined BFM in 2018); 6 years total (2015)
<b>Education: Degree(s)/Year/Specialization:</b>
Associates of Applied Sciences, 2015, Computer Drafting and Design (ITT)
<b>Active registration: Year first registered/discipline:</b>
NA
<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>Coventry Drainage Pump Stations, Jefferson Parish, LA.</b> BFM provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The limits of survey extended from right-of-way to right-of-way along Jefferson Highway, including properties southwest of Jefferson Highway between Coventry Court and Colonial Heights Road. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). The hydrographic survey extended 500 feet into the river from the water's edge. (\$89,780 (fee); 2020)</p> <p><b>Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA.</b> BFM provided surveying services for this Drainage Evaluation Project (PW 2018-024-DR, Exhibit B). The scope of services included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent right-of-way (ROW) of Causeway Boulevard to easterly apparent ROW of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope. (\$18,350 (fee); 2020)</p>

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Kevin A. Roberts**  
CADD Technician

**Project Assignment:**

CADD Technician

**Name of Firm with which associated:**



**Years experience with this Firm:**

3 years (joined BFM in 2018); 36 years total (1985)

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

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

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

NA

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

Mr. Roberts has experience with civil engineering, offshore engineering, water purification systems, and general architectural and construction design & terminology. He obtained his A.D. in Drafting in 1999, and has taken additional coursework throughout his career.

**North Arnoult Drainage Pump Station Improvements, Jefferson Parish, LA.** BFM's project services included both boundary and topographic surveying of the project site. (\$6,870 (fee); 2019)

**Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA.** BFM executed a Route Topographic Survey for the project; the full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The project area (Allo Street) extended from 4th Street to 6th Street. (\$12,855 (fee); 2019)

**Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey for Phase 1 of the project, which was located at Elmwood Parkway and Craig Avenue. (\$7,980 (fee); 2020)

## TEC Professional Services Questionnaire

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

**Name & Title:**

**Dawn Hoffman**  
Researcher/Archivist

**Project Assignment:**

Researcher/Archivist

**Name of Firm with which associated:**



**Years experience with this Firm:**

12 years (joined BFM in 2009); 24 years total (1997)

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

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

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

NA

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

**Coventry Drainage Pump Stations, Jefferson Parish, LA.** BFM provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The limits of survey extended from right-of-way to right-of-way along Jefferson Highway, including properties southwest of Jefferson Highway between Coventry Court and Colonial Heights Road. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). The hydrographic survey extended 500 feet into the river from the water's edge. (\$89,780 (fee); 2020)

**Gulizo Canal Drainage Improvements, Jefferson Parish, LA.** BFM provided surveying services for the Gulizo Canal Drainage Improvements project, which extended from Eighty Arpent Road to Ames Boulevard. (\$6,447 (fee); 2010)

**Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA.** BFM prepared a Route Topographic Survey for Phase 1 of the project, which was located at Elmwood Parkway and Craig Avenue. (\$7,980 (fee); 2020)

**Mary Ridge Court, Jefferson Parish, LA.** BFM provided topographic surveying services for the Mary Ridge Court project, which extended from Tudor Avenue to the cul de sac. (\$5,436 (fee); 2017)

## 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>Coventry Drainage Pump Stations</b>, Jefferson Parish, Louisiana</p> <p><b>ECM Consultants, Inc.</b> 1301 Clearview Pkwy Ste 200 Metairie LA 70001</p> <p><b>Sunina Shrestha</b>, 504-885-4080 SShrestha@ecmconsultants.com</p>	<p>BFM provided a Route Topographic Survey with Hydrographic Survey for the project, located in River Ridge, Louisiana. The limits of survey extended from right-of-way to right-of-way along Jefferson Highway, including properties southwest of Jefferson Highway between Coventry Court and Colonial Heights Road. The levee and hydrographic survey area was noted as 400 feet wide (200 ft. in either direction of the extended centerline of Colonial Heights Road). The hydrographic survey extended 500 feet into the river from the water's edge.</p>	
<b>Completion Date (Actual or estimated):</b>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	N/A	\$89,780 (fee)

### PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p><b>Metairie Road Drainage Evaluation</b>, Metairie, Jefferson Parish, Louisiana</p> <p><b>GEC, Inc.</b> 3445 N Causeway Blvd Ste 401 Metairie LA 70002-3779</p> <p><b>Jerome Lohmann</b>, 504-207-6926 jlohmann@gecinc.com</p>	<p>BFM provided surveying services for this Drainage Evaluation Project (PW 2018-024-DR, Exhibit B). The scope of services included a full Route Topographic Survey (includes all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work) from gutter line to gutter line along Metairie Road from the westerly apparent right-of-way (ROW) of Causeway Boulevard to easterly apparent ROW of Focis Street. The project encompassed approximately 10,400 linear feet, with cross-sections and elevations surveyed included as part of the scope.</p>	
<b>Completion Date (Actual or estimated):</b>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	N/A	\$18,350 (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>Orleans Village Subdivision Drainage Improvements</b>, Jefferson Parish, Louisiana</p> <p><b>Principal Engineering, Inc.</b> 1011 N Causeway Blvd, Suite 19 Mandeville LA 70471</p> <p><b>André C. Monnot</b>, 985-624-5001 andre@principal-engineering.com</p>	<p>BFM provided topographic surveying services for the Orleans Village Drainage Improvements project, which included Rue Louis Phillippe, Rue Racine, Caddy Drive, and Sauvage Avenue.</p>	
<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	\$27,525 (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>Avenue D Drainage Improvements (Phase VIII: Allo Street)</b>, Metairie, Jefferson Parish, Louisiana</p> <p><b>Hartman Engineering, Inc.</b> 16563 Airline Hwy Ste A&amp;B Prairieville LA 70769</p> <p><b>Jared Monceaux, P.E.</b>, 225-313-4617 jmonceaux@harteng.com</p>	<p>BFM executed a Route Topographic Survey for the project; the full scope plan &amp; profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. The project area (Allo Street) extended from 4th Street to 6th Street.</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	\$12,855 (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>CDMSmith</b> 1515 Poydras St Ste 1000 New Orleans LA 70112</p> <p><b>Jenny Bywater, P.E.</b>, 504-799-1168 bywaterje@cdmsmith.com</p>	<p>BFM Corporation was contracted to provide boundary, right-of-way, and topographic surveying services for the project site. Location of improvements were plotted within the designated limits of the survey; this included buildings, fences, light standards, traffic control devices, signage, structures, pavement, and other topographic features. Existing storm sewer and sanitary sewers were located using top of casing; invert elevations were provided on the survey.</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	N/A	\$19,940 (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>Mazoue Ditch Drainage Improvements (Rose Crest Lane to Darby Lane)</b>, Jefferson Parish, Louisiana</p> <p><b>Jefferson Parish</b> <b>Department of Drainage</b> 1221 Elmwood Park Blvd Ste 907 Jefferson LA 70123</p> <p><b>Mitchell T. Theriot, P.E., Director</b>, 504-736-6751 JPDrainage@jeffparish.net</p>	<p>BFM executed all necessary surveying services for the Mazoue Ditch Drainage Improvements project as noted; this was Phase III of DPW 93-010C-DR and Phase II of SP 576-26-0029. The project involved Mazoue Ditch Sheet Pile Locations.</p>	
<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	\$11,500 (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>	
<p><b>Mounes Subsurface Drainage – Phase I,</b> Jefferson Parish, Louisiana</p> <p><b>CB&amp;I</b> 2424 Edenborn Avenue Suite 450 Metairie LA 70001</p> <p><b>Gene S. Gillen, P.E.,</b> 504-832-4881 gene.gillen@cbi.com</p>	<p>BFM provided all requested topographic surveying services for Phase I of the Mounes Subsurface Drainage project, which extended from Dickory to Elmwood Park Boulevard).</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2017	N/A	\$26,240 (fee)

<b>PROJECT NO. 8</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Jack &amp; Bores Survey (Drainage Project),</b> Waggaman, Jefferson Parish, Louisiana</p> <p><b>Principal Engineering, Inc.</b> 1011 N Causeway Blvd, Suite 19 Mandeville LA 70471</p> <p><b>André C. Monnot,</b> 985-624-5001 andre@principal-engineering.com</p>	<p>BFM provided topographic surveying for this project which involved a jack &amp; bores survey along the Union Pacific Railroad in Waggaman for new drainage 420 feet east of Modern Farms Road to 610 feet past Willswood Lane.</p>	
<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	\$52,579 (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>	
<p><b>Morton &amp; Ingrid Pump Station,</b> Jefferson Parish, Louisiana</p> <p><b>Principal Engineering, Inc.</b> 1011 N Causeway Blvd, Suite 19 Mandeville LA 70471</p> <p><b>André C. Monnot,</b> 985-624-5001 andre@principal-engineering.com</p>	<p>BFM executed a topographic survey, beginning at the Morton &amp; Ingrid Pump Station, running along Morton St to Elizabeth St then continuing along Elizabeth Street towards West Napoleon Avenue and ending at the Elizabeth Street Pump Station.</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	N/A	\$27,500 (fee)

<b>PROJECT NO. 10</b>		
<b>Project Name, Location, and Owner's Contact Information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p><b>Mazoue Ditch Drainage Improvements Phase IV,</b> Jefferson Parish, Louisiana</p> <p><b>MDI Construction</b> Post Office Box 23237 New Orleans LA 70183</p> <p><b>John Desselle,</b> 504-232-4772</p>	<p>BFM provided surveying services for the Mazoue Ditch Drainage Improvement project, which included the area from Rosecrest Lane to Carriage Lane. (State Project 576-26-0029 (333) Phase III; Jefferson Parish Public Works Project 93-010D-DR)</p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2010	N/A	\$12,848 (fee)

## TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1.	<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p style="text-align: center;"><i>BFM Corporation is not currently, nor has it previously been involved, in litigation with Jefferson Parish.</i></p> </div>	
2.		
3.		
4.		

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

# **BFM CORPORATION, LLC**

**Professional Land & Hydrographic Surveying**

### 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:

- *Coventry Drainage Pump Stations, Jefferson Parish, LA*
- *Metairie Road Drainage Evaluation, Metairie, Jefferson Parish, LA*
- *Orleans Village Subdivision Drainage Improvements, Jefferson Parish, LA*
- *Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA*
- *Waggaman Canal Relocation Survey (Jefferson Parish Landfill Sites), Jefferson Parish, LA*
- *Mazoue Ditch Drainage Improvements (Rose Crest Lane to Darby Lane), Jefferson Parish, LA*
- *Mounes Subsurface Drainage - Phase I, Jefferson Parish, LA*
- *Mazoue Ditch Drainage Improvements Phase IV, Jefferson Parish, LA*
- *Paillet - Maplewood Drainage Improvements, Jefferson Parish, LA*
- *Mazoue Ditch Improvements, Phase I, Jefferson Parish, LA*
- *Emergency Generators at 13 Pump Station Sites, Jefferson Parish, LA*
- *Massachusetts Avenue Drainage Improvements, Jefferson Parish, LA*
- *Hoey's Canal Drainage Improvements (Deckbar Ave to Labarre Rd), Jefferson Parish, LA*
- *Drainage Pump Station, Veterans North & South, Right-of-Way, 17th Street Canal, Jefferson Parish, LA*
- *Avenue D Drainage Improvements, Jefferson Parish, LA*
- *Mounes Subsurface Drainage (Phase IV, Dickory to Elmwood Park Blvd), Jefferson Parish, LA*
- *Hillings Ditch/Drolla/Suave Road Drainage Improvements, Jefferson Parish, LA*

## TEC Professional Services Questionnaire

**N. continued.**

- *Soniat Canal Timber Bulkhead Replacement Route Topographic Survey, Jefferson Parish, LA*
- *Westgate Subdivision Subsurface Drainage Improvements, Jefferson Parish, LA*
- *Canal No. 17 Bank Stabilization Phase II, Jefferson Parish, LA*
- *Clearview Drainage Pump Station and St. Peter's Ditch, Jefferson Parish, LA*
- *Johnson Street Drainage Improvements (Phases I & II), Jefferson Parish, LA*
- *Hero Pump Station, Harvey, Jefferson Parish, LA*
- *Hilling Ditch Drainage Improvements, Jefferson Parish, LA*
- *Hurricane Gustav Drainage Canal Repairs, East Bank, Jefferson Parish, LA*
- *Bannerwood Drainage Improvements, Jefferson Parish, LA*
- *Drainage Improvements to the Canal No. 2 Culvert Crossing at California Avenue, Jefferson Parish, LA*
- *Kawanee Drive Drainage Improvements, Jefferson Parish, LA*
- *Breaux Ditch Improvements, East Ames Boulevard - Leo Kenner Parkway, Jefferson Parish, LA*
- *Manson Ditch (ICRR Ditch) Survey, Jefferson Parish, LA*
- *Drainage Improvements, Metairie Lawn to Labarre Drive, Jefferson Parish, LA*
- *Earhart and Clearview Interchange Drainage Study, Jefferson Parish, LA*
- *Hickory Drainage Study, Jefferson Parish, LA*
- *Bissonet Plaza Drainage Improvements (Phase 1), Metairie, Jefferson Parish, LA*
- *Crown Point Drainage Flood Control Structures, Jefferson Parish, LA*

### **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**

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

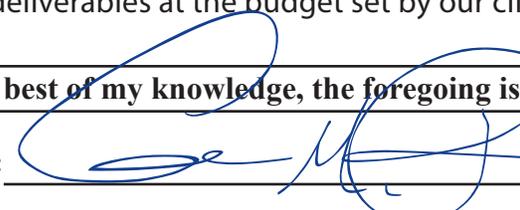
**Tom Schreiner, Deputy CAO Public Works & Capital Projects, City of Kenner**  
504-468-7515; tschreiner@kenner.la.us

**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 15, 2021



The **Beta** Group  
engineering and construction services



**TEC**

**PROFESSIONAL SERVICES QUESTIONNAIRE**

REVISED 07/24/2015

## TEC Professional Services Questionnaire

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

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

**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**

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

**PROFESSIONAL IN CHARGE OF PROJECT:**

**Name & Title:**

**Project Assignment:**

**Name of Firm with which associated:**

**Years' experience with this Firm:**

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

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

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



**TEC Professional Services Questionnaire**

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

**Name & Title:**

**Project Assignment:**

**Name of Firm with which associated:**

**Years' experience with this Firm:**

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

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

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



**TEC Professional Services Questionnaire**

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

**Name & Title:**

**Project Assignment:**

**Name of Firm with which associated:**

**Years' experience with this Firm:**

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

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

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



**TEC Professional Services Questionnaire**

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

**Name & Title:**

**Project Assignment:**

**Name of Firm with which associated:**

**Years' experience with this Firm:**

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

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

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



**TEC Professional Services Questionnaire**

**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>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>

**PROJECT NO. 2**

<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. 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.**

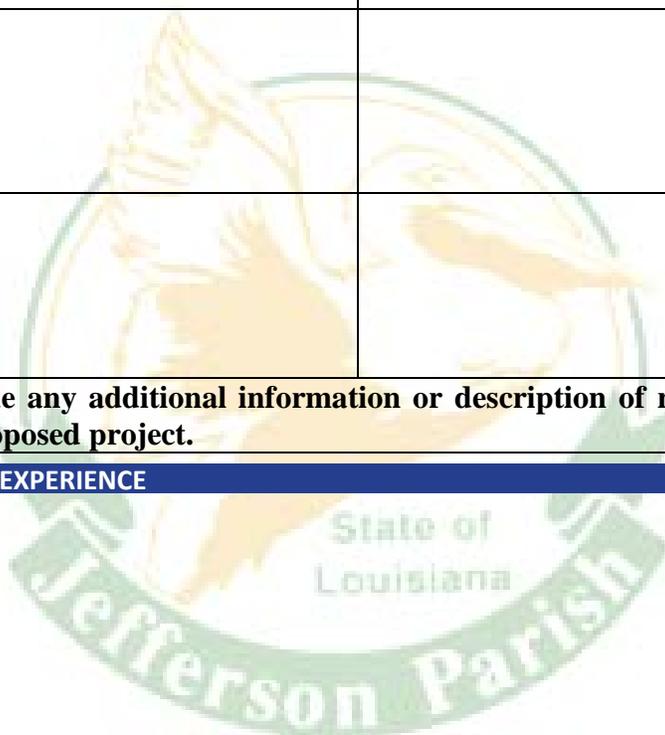
<b>Parties:</b>		<b>Status/Result of Case:</b>
<b>Plaintiff:</b>	<b>Defendant:</b>	
<b>1.</b>		
<b>2.</b>		
<b>3.</b>		
<b>4.</b>		

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

**PROFESSIONAL TRAINING AND EXPERIENCE**

Steel Inspection Services. The visual inspection of structural steel at the site or in the shop including welded and bolted connections, steel and pipe coating sampling, welder certification, and the performance of ultrasonic and x-ray testing. These services are performed by AWS Certified technicians.

Pile Logging, Load Test, and Vibration Monitoring. Provision of inspection of timber piles and other timber products, logging of job piles and test piles, furnishing of calibrated hydraulic rams, and performance of pile load tests with formal reports interpreted and signed by a registered engineer. Use of electronic instruments to monitor construction vibrations.



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

Concrete Inspection Services. Design and review of mix designs, quality control at both the plant and in the field, pre-placement and post-placement inspection, aggregate sampling & testing, cementitious material sampling and testing, post tension inspection, precast inspection, and mortar and grout inspections. These services are provided by ACI certified technicians.

Soil Testing in the Laboratory. All tests are performed in accordance with ASTM, AASHTO, or LDOTD standards as per project specifications. Qualified technicians perform each test.

Soil Testing in the Field. The performance of field density tests (by nuclear gauge or sand cone method), fill placement inspection, and depth checks. Troxler certified technicians performs these services.

Asphalt Inspection Services. Review of mix designs, quality control at both the plant and in the field, materials sampling and testing. These services are performed by qualified technicians and a State certified asphalt plant inspector.

**CAPACITY FOR TIMELY COMPLETION**

The Beta Group has over 75 employees and is expanding in order to meet our growing client base. Our work force is composed of three Louisiana-registered professional engineers, a business development manager, an operations manager, four secretaries, and over 50 technicians.

Our laboratory has been inspected by the U.S. Army Corps of Engineers and several independent calibration laboratories. We are also certified with the American Association of State Highway and Transportation Officials (AASHTO). We have the manpower and equipment to meet the deadlines and time-frame requirements set forth by our clients.

The Beta Group has an exemplary record in regards to cost control. We employ a comprehensive cost checking program throughout the execution of the project, and have had no problems in meeting budgetary guidelines.

The Beta Group has an exemplary record in regards to cost control. We employ a comprehensive cost checking program throughout the execution of the project, and have had no problems in meeting budgetary guidelines.

**PAST PERFORMANCE ON PUBLIC CONTRACTS**

The Beta Group has provided services to Jefferson Parish, the City of New Orleans, Plaquemines Parish, St. Tammany Parish, St. John the Baptist Parish, St. Charles Parish, the City of Slidell, the Town of Jean Lafitte, the City of Mandeville, Hancock County, Jackson County, the City of Gulfport, the City of Biloxi, the City of Ocean Springs, the U.S. Army Corps of Engineers, the Federal Aviation Administration, not to mention clients including the Port of New Orleans, West Jefferson Medical Center and the Louis Armstrong International Airport.

As professional reference, we offer the following to attest as to the quality and caliber of our services:

Mike Noto, 985-646-4381, Director of Public Works, City of Slidell  
David Degeneres, P.E., 985-624-3106, City Engineer, City of Mandeville  
Buster Lyons, P.E., 504-812-6456, Sr. Project Manager, H. Davis Cole & Associates  
Mark Drewes, 504-736-6505, Director of Engineering, Jefferson Parish  
Geoffrey Clemons, P.E., 228-467-2770, Compton Engineering, Bay St. Louis

**SIZE OF THE FIRM/WORKLOAD**

Beta's workload is such that we can assign personnel to the project immediately upon Notice to Proceed. As evidenced by this form, we have over 4 dozen employees available to work on any given assignment.

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

**COST CONTROL**

The Beta Group has an exemplary record in regards to cost control. We employ a comprehensive cost checking program throughout the execution of any project, and have encountered no problems in meeting budgetary guidelines.

**STATEMENT OF LITIGATION**

The Beta Group is not involved in litigation with Jefferson Parish.

**STATEMENT OF OWNERSHIP**

The Beta Group is majority-owned (51%) by Murray D. White, President of the firm. Mark A. Cheek owns 24.5%, and John P. Laughlin, Jr., owns 24.5% of the firm.

**DBE PARTICIPATION**

The Beta Group is a **recognized Disadvantaged Business Enterprise (DBE)** by the following entities:

- Louisiana Unified Certification Program
- Mayor's Office of Economic Development, City of New Orleans
- Sewerage & Water Board of New Orleans
- New Orleans Aviation Board (NOAB)
- Housing Authority of New Orleans (HANO)
- Federal Aviation Administration (FAA)



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

Signature:  Print Name: Murray White

Title: President Date: January 26, 2021

# STATE & LOCAL DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

1340 Poydras Street, Suite 1800 | New Orleans, LA 70112



December 15, 2020

## VIA EMAIL

Murray White  
The Beta Group Engineering & Construction Services, L.L.C.  
1428 1 ½ Claire Avenue  
Gretna, LA 70053  
[mwhite@betagroupgc.com](mailto:mwhite@betagroupgc.com)

## **RE: SLDBE Re-certification Approval**

Dear Murray White:

We are pleased to inform you that **The Beta Group Engineering & Construction Services, L.L.C.** has been approved for recertification as a State & Local Disadvantaged Business Enterprise (SLDBE). This approval represents certification with: City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel.

Your firm's contact information will be active on the online SLDBE Directory (<http://www.nola.gov/economicdevelopment/supplier-diversity/directory/>). It will reflect your areas of certification. Your specialties will be listed as:

**CERTIFICATION DESCRIPTION: CONSTRUCTION MATERIALS TESTING; GEOTECHNICAL ENGINEERING; FORENSIC ENGINEERING; CIVIL ENGINEERING; SURVEYING SERVICES**

**NAICS 236220: PROJECT MANAGEMENT**

**NAICS 541330: CIVIL ENGINEERING SERVICES**

**NAICS 541330: ENGINEERING SERVICES**

**NAICS 541360: GEOPHYSICAL SURVEYING AND MAPPING SERVICES**

**NAICS 541370: SURVEYING AND MAPPING (EXCEPT GEOPHYSICAL) SERVICES**

**NAICS 541380: GEOTECHNICAL TESTING LABORATORIES OR SERVICES**

A re-certification notice will be emailed to you prior to your renewal anniversary date. **However, should you not receive notification from this office for your re-certification, it is your responsibility to contact us.** Submittal of this information is necessary to ensure that there is no interruption in your certified status during your certification period. If a re-certification application is not received, we will proceed with decertification procedures.

We invite you to view City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel websites for SLDBE opportunities.

If we can be of further assistance, you may contact us at 504-658-4275 or via e-mail at [saoliva@nola.gov](mailto:saoliva@nola.gov).

Sincerely,

***Sonia Oliva***

**Certification Coordinator**

Office of Supplier Diversity | City of New Orleans  
1340 Poydras Street | Suite 1800 | New Orleans, LA 70112



Mayor LaToya Cantrell  
City of New Orleans

**New Orleans Aviation Board**

Hon. Michael G. Bagneris  
Chairman

Doug Thornton  
Vice-Chairman

Todd Francis  
Ruth Kullman  
Ti Adelaide Martin  
Joseph Nicolosi, Jr.  
Roger H. Ogden  
Gary L. Smith, Sr.

Kevin C. Dolliole  
Director of Aviation

P. O. Box 20007  
New Orleans, LA 70141

P: 504-303-7800  
F: 504-303-7566

[www.flymsy.com](http://www.flymsy.com)

January 13, 2020

Mr. Murray White  
The Beta Group Engineering & Construction Services, L.L.C.  
1428 1/2 Claire Street  
Gretna, LA 70053-

Re: 2020 Annual Update

Dear Mr. White:

Thank you for having responded to our request for your 2020 annual update to maintain your Disadvantaged Business Enterprise (DBE) certification. We have reviewed your Affidavit of No Change, along with the supporting documents, and have determined that your firm continues to meet the DBE guidelines in 49 CFR Part 26. Thus, your firm is certified to fulfill DBE requirements on specified NOAB contracts until your next anniversary date (i.e. *March 31, 2021*).

**Service(s):**

CONSTRUCTION CONTRACTORS  
PROFESSIONAL SERVICES

**Area(s) of Work:**

541380 - Testing Laboratories	C01 - Geotechnical Engineering
722 - Field Laboratories	CLT - Concrete Labs and Field Testing

Sincerely,

Philistine Ferrand  
DBE Liaison Officer  
[philisti@flymsy.com](mailto:philisti@flymsy.com) - 504.303.7610 - 504.303.7614 fax

PF/SF