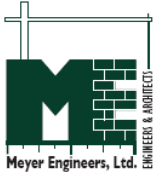


TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

*Professional Engineering Services related to the design for the Rehabilitation of the Transcontinental & Belle Lift Station (E8-1)
Resolution No. 137449*

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



*Meyer Engineers, Ltd.
4937 Hearst Street, Suite 1B
Metairie, LA 70001*

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

*Richard C. Meyer, P.E., President (License No. 24012)
4937 Hearst Street, Suite 1B
Metairie, LA 70001
Phone: 504-885-9892
Email: rickmeyer@meyer-e-l.com*

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

*Jitendra C. Shah, P.E., Vice President (License No. 19551)
4937 Hearst Street, Suite 1B
Metairie, LA 70001
Phone: 504-885-9892
Email: jshah@meyer-e-l.com*

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

<u>2</u> Administrative	<u>1</u> Estimators	<u>1</u> Specification Writers
<u>6</u> Architects (Licensed)	— Geologists	— Structural Engineers
— Chemical Engineers	— Geotechnical Engineers	— Graduate Engineers
<u>12</u> Civil Engineers	<u>1</u> Interior Designers	— Project Managers
<u>30</u> Construction Inspectors	— Landscape Architects	<u>7</u> Clerical
— Ecologists	— Land Surveyor	— Grant/Funding Specialist
— Electrical Engineers	<u>1</u> Mechanical Engineers	— Sanitary Engineers
<u>1</u> Engineer Intern	— Environmental Engineers	
— Professional Land Surveyors		
		<u>62</u> TOTAL

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

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

TEC Professional Services Questionnaire

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

1. *N/A*

2.

**H. Has this JOINT-VENTURE previously worked together? Please check: *N/A*
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. <i>BFM Corporation, LLC 15 Veterans Memorial Blvd. Kenner, LA 70062</i>	<i>Topographic Surveying</i>	<i>Yes</i>
2. <i>Ardaman & Associates, LLC 101 Teal Street St. Rose, LA 70087</i>	<i>Geotechnical Engineering</i>	<i>Yes</i>

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

8

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:	Jitendra C. Shah, P.E., Vice President	
Project Assignment:	Program Manager	
Name of Firm with which associated:	Meyer Engineers, Ltd.	
Years Experience with this Firm:	36	
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 1973	
Active Registration: Year first registered/discipline:	1981/Civil Engineering/LA License #19551	

Other experience and qualifications relevant to the proposed project:

Jitendra C. Shah has over forty-seven (47) years of Civil Engineering experience and is involved with all aspects of administering engineering projects including client contact, cost estimates, design, construction administration, and contract closeout, preparation of reports and plans and specifications.

He participates in most facets of Civil Engineering design including structural, *sanitary and storm sewerage*, water, roads and bridges, and airport designs. He has completed design of *sanitary sewerage collection and transportation systems*. His work has included the design for gravity and force mains from 6 inch to 30-inch diameter. *He has also designed pump stations with capacities up to 2400 gallons per minute.* He has also been involved in the *rehabilitation of existing sewer-wet wells including structural repairs and protective liners.*

He has completed the FHWA and DOTD sponsored course on Stream Stability and Scour at Highway Bridges. He is certified in the Inspection and Assessment of Asbestos in Buildings, is an Associate Member of the Institute of Transportation Engineers and is a member of the American Society of Civil Engineers.

Mandeville Effluent Pump Station, St. Tammany Parish

Project Engineer for the *design of a new effluent pump station* and UV system for the Mandeville Sewerage Treatment Plant. A *6 MGD triplex pump station with 12" submersible pumps* was installed with 50 HP motors. This *pump station* was designed to handle treated *sewerage* flow from the sewerage plant lagoons and discharge into the assimilation system. A *new 12' x 12' x 16' concrete wet well* was installed. The *pipng* design took special effort since very limited area was available for the project. Construction Cost: \$1.6M

North Causeway Approach Sewerage Improvements – Phase I; St. Tammany Parish

Project Manager for the *design of a new Lift Station "E"* at St. Ann Street. The work included approximately 3,000 long 12" PVC force main for Lift Station "E" to Lift Station 50 and approximately 2,300 LF of 8" gravity sewer main between Brookside Street and U.S. 190, which was tied into the new gravity main. Construction Cost: \$788K

North Causeway LA 22 Sewer Improvements, St. Tammany Parish

Project Engineer for the *design of a new lift station*, force main, and gravity mains for a commercial development at the northwest corner of the intersection of North Causeway Approach Roadway and Highway 22. As an extension to this project, he also completed the *design of a sewer system* at the northwest corner of Highway 22 and North Causeway Approach intersection. The work included a *gravity sewer main and manholes*. Construction Cost: \$120K

Lafitte and Barataria Sewerage Collection System; Jefferson Parish

Designed *sewerage collection systems* in Lafitte and Barataria which consisted of calculating flows and sizing *lift stations*, force mains and gravity lines. He has also reviewed and made recommendations on design of *lift stations* by other firms. These projects also required coordination with DOTD for permit acquisition, preparation of cost estimates, and coordination with consultants.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Richard C. Meyer, P.E., President
Project Assignment:	Principal In Charge
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years Experience with this Firm:	41
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 1980
Active Registration: Year first registered/discipline:	1988 /Civil Engineering/LA License #24012
Other experience and qualifications relevant to the proposed project:	
<p>Richard C. Meyer is involved with all aspects of administering engineering projects including client contact, cost estimates, design, contract administration, and contract closeout. He coordinates the Engineering staff and participates in most facets of Civil Engineering design including structural, <i>sanitary and storm sewerage</i>, roads and bridges, water, and airport designs.</p> <p>He has designed and supervised designs created by other engineers for <i>sanitary sewerage systems (including collection, transmission, treatment and start-up)</i> and establishing an Operation and Maintenance Plan. Coordination with the Louisiana Department of Environmental Quality and the EPA were required for such projects. <i>Design of treatment systems</i> included package treatment plants and oxidation ponds.</p> <p>He is a member of the Louisiana Engineer's Society, the American Society of Civil Engineers, National Society of Professional Engineers, and the American Concrete Institute.</p> <p><u>Lynette & Shirley Lift Station Upgrade, Jefferson Parish</u> Project Principal for the <i>lift station upgrade</i> which included a <i>new 480 GPM lift station</i> to replace the existing lift station near the intersection of Lynette Drive and Shirley Street. Construction cost was \$830K. Work included the following:</p> <ul style="list-style-type: none"> ✿ A <i>fiberglass wet well and valve pit.</i> ✿ <i>Submersible 480 GPM duplex lift station.</i> ✿ <i>New control panel.</i> ✿ New gravity lines from the existing system to new lift station with associated manholes. Existing manholes shall be replaced with fiberglass manholes. ✿ Directional drill new 8" FM along Lynette Drive. Tie new 8" FM (approx. 550 LF) into two (2) existing sewer manholes downstream (along Lynette Drive). ✿ Demolish and remove/abandon existing lift station. ✿ Replace concrete pavement (roads and sidewalks) as required. ✿ Replace existing drainage catch basins and lateral. ✿ <i>Electrical panel</i> to accommodate future generator hookups. <p><u>Kenner 39th Street Lift Station, City of Kenner</u> Project Principal for a <i>new 3,900 GPM lift station</i> to replace the existing lift station on 39th Street near Arkansas Street. Construction cost was \$870K. Work included the following:</p> <ul style="list-style-type: none"> ✿ Fiberglass wet well. ✿ <i>Triplex Lift Station.</i> ✿ Control Panel ✿ Gravity Lines ✿ Tie into existing 18" sewer force main. ✿ Demolish and remove existing lift station. ✿ Replace concrete pavement (road and sidewalks). ✿ Slab for generator. ✿ <i>Electrical Panel</i> <p><u>Lafitte and Barataria Sewerage Collection System, Jefferson Parish</u> Project Principal for the design of <i>sewerage collection systems</i> in Lafitte and Barataria in Jefferson Parish. Design consisted of calculating flows and sizing <i>lift stations</i>, force mains and gravity lines. Meyer reviewed and made recommendations on design of <i>lift stations</i> by other firms. Meyer modified the Engineering program in AutoCAD for use with these projects. Also required coordination with DOTD for permit acquisition, preparation of cost estimates, and coordination with consultants.</p>	



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Donovan P. Duffy, P.E. Civil Engineer
Project Assignment:	Drainage, Hydraulic Modeling
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years Experience with this Firm:	3
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 2013
Active Registration: Year first registered/discipline:	2017/Civil Engineering/LA License #41844
Other experience and qualifications relevant to the proposed project:	
<p>Donovan Duffy has over seven (7) years of experience in Civil and Structural Engineering and Construction Management. He has extensive experience leading design and construction administration operations within a diverse range of industries and government entities. He specializes in structural engineering including analysis of existing structures and foundations, as well as design of concrete foundations, concrete structures and steel framing for new buildings and structures. He is also involved in many fields of civil engineering design including roads, drainage, <i>sanitary sewer: collection, lift stations, force mains and treatment systems</i>, water treatment and distribution networks, environmental and recreation. His experience in construction administration includes coordination with contractors and clients; organization, oversight, and record-keeping of pre-construction and construction progress meetings; shop drawing review; evaluation of change orders and pay requests; and various other construction coordination responsibilities. He has designed projects in accordance with DOTD's "Roadway Design Manual", "Hydraulics Manual", "Bridge Manual", AASHTO's "Green Book", the "Louisiana Standard Specifications for Roads and Bridges", "American Concrete Institute Standards", "Recommended Standards for Wastewater Facilities (Ten States Standards)" and the "AISC Manual of Steel Construction".</p> <p><u>First Camellia, Second Camellia, and West Camellia Sewer Lift Station Upgrades, St. Tammany Parish</u> Project Engineer for <i>upgrades to the sewer lift stations</i> which include <i>installing new wet wells and submersible pumps</i> with about ground <i>piping</i>; tying in existing manhole to wet well; new <i>control panels</i> and platforms elevated one foot above BFE; new concrete top slab with hatches; new 6' chain link fence and gate with privacy slats; and new power pole and LED lighting. Estimated Construction Cost: \$1.1M</p> <p><u>Upgrades to Anna and Ama Pump Stations, St. Charles Parish</u> Assisted with the design of the <i>pump station rehabilitation</i> which included the abandonment of Ama pump station and <i>refurbishment of Anna pump station</i>. As with most <i>pump station rehabilitation projects</i>, design considerations had to be included to allow for the sewer system to continue working throughout the entirety of construction. He was responsible for the design, permitting, and specifications for this project and provided the client with savings on the project by reusing the pumps from Ama pump station. Funding for this project was provided through the LDEQ CWSRF loan program.</p> <p><u>US 190 Sewer Lift Station Upgrade, St. Tammany Parish</u> Project Engineer for the <i>lift station upgrade</i> which consists of adding a <i>new wet well</i> adjacent to the existing wet well at the existing sewer lift station near the intersection of US 190 and Oak Ally Boulevard. Work shall consist of installing new wet well; providing one (1) valve <i>pipe connection</i>; removing 2 existing valves from inside the existing wet well and providing two (2) new valves in the new valve pit; <i>adding piping, tees and valves</i> to route the three (3) ten inch (10") gravity sewer lines and one (1) force main to tie into both the new wet well as well as existing wet well; adding a new valve pit for existing emergency pump out; and removing and replacing the 6' wooden fenced and double gate. Estimated Construction Cost: \$400K</p> <p><u>Louisiana's Department of Environmental Quality (LDEQ) Clean Water State Revolving Fund (CWSRF)</u> Lead Project Engineer on six projects that have used funds from the LDEQ CWSRF in the past three years. He was hired to assist St. Charles Parish, the Town of Pearl River, and the Town of Addis in <i>obtaining approximately \$12M</i> from the CWSRF for the necessary <i>improvements to their wastewater systems</i>. Throughout the application process, he was responsible for compiling all required forms, creating project schedules and cost estimates, and providing all required right-of-way and categorical exclusion documentation. In addition to the loan applications and requirements, he assisted the Town of Addis in creating a rate schedule to implement throughout the town, which allowed for them to meet the required debt-service coverage ratio. He was the lead engineer on the following types of projects using CWSRF funds are sanitary sewer collection system rehabilitation, pump station rehabilitations, sewer treatment plant addition and rehabilitation, and sewer force main additions. Meyer understands all aspects of the loan requirements including original loan application process, design, permitting and construction. We understand the importance of following all EPA, DHH and DEQ requirements.</p>	



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	David H. Dupré, P.E., Vice President
Project Assignment:	Civil Engineer
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years Experience with this Firm:	32
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 1984
Active Registration: Year first registered/discipline:	1989/Civil Engineering/LA License #23422
Other experience and qualifications relevant to the proposed project:	
<p>David H. Dupre has thirty-five (35) years of civil engineering experience and is involved with all aspects of administering engineering projects which include client contact, cost estimates, design, construction administration, preparation of reports, plans and specifications, and computer programming as needed. He participates in most facets of Civil Engineering design including roads, bridges, drainage, sanitary sewer, water distribution, and structural.</p> <p>He has made modifications to the firm's Project Managements Checklists (Project Management Checklists and forms are used for quality control). He has designed projects in accordance with DOTD's Manual for "Roadway Design", "Hydraulics Manual", "Bridge Manual", and the "Louisiana Standard Specification for Roads and Bridges". He is a member of the Louisiana Engineer's Society, and the American Society of Civil Engineers.</p> <p><u>Covington Commons, St. Tammany Parish</u> Project Manager for the design of the development, Covington Commons, a 90-acre subdivision off LA 25 near Airport Road and US 190. The infrastructure improvements included drainage, water, sewerage, roads, parking, and detention ponds. Sewerage work included a Master Sewerage Plan, a new 300 GPM sewerage lift station (duplex, submersible pumps), 4,600 LF of 6" sewerage force main, air release valves, gravity mains, and tying into the existing lift station on Highway 190. He coordinated with the City of Covington, St. Tammany Parish, USACE, DOTD, and various utility companies. Construction Cost: \$1.8M</p> <p><u>North Causeway LA 22 Sewer Improvements, St. Tammany Parish</u> Project Engineer for the North Causeway LA 22 Sewer Improvements which consisted of the installation of a sewer system at the northwest corner of Highway 22 and North Causeway Approach intersection. The work included a gravity sewer main and manholes. Sewer main ran from existing Manhole No. 3 to proposed Manhole No. 2, and from existing Manhole No. 4 to proposed Manhole No. 6. Also included was street light removal and replacement. Construction Cost: \$120K</p> <p><u>Highway 190 Utility Relocation, St. Tammany Parish</u> Project Engineer for the design of the relocation of utilities, including sewer force mains; lift stations, and water lines. These utilities were offset in anticipation of DOTD's widening of Highway 190.</p> <p><u>Lafitte and Barataria Sewerage Collection System, Jefferson Parish</u> Participated in the design of sewerage collection systems in Lafitte and Barataria in Jefferson Parish. Design consisted of calculating flows and sizing lift stations, force mains and gravity lines. He has also reviewed and made recommendations on design of lift stations by other firms. He modified the Engineering program in AutoCAD for use with these projects. These projects also required coordination with DOTD for permit acquisition, preparation of cost estimates, and coordination with consultants.</p>	



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Mark A. Schutt, P.E., Project Engineer
Project Assignment:	Civil Engineer
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years Experience with this Firm:	21
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 1997 M.S. Civil Engineering 1999
Active Registration: Year first registered/discipline:	2003/Civil Engineering/LA License #30528
Other experience and qualifications relevant to the proposed project:	
<p>Mark A. Schutt has over twenty-three (23) years of civil engineering experience and is involved in all aspects of administering engineering projects including client contact, cost estimates, design, construction, administration, preparation of reports, plans and specifications, and computer programming as needed.</p> <p>He has designed projects in accordance with DOTD's Manual "Roadway Design", "Hydraulics Manual", and the "Louisiana Standard Specifications for Roads and Bridges". He is a member of the Louisiana Engineer's Society, the American Society of Civil Engineers, and the National Society of Professional Engineer's.</p> <p><u>Covington Commons, St. Tammany Parish</u> Project Engineer for the design of the development, Covington Commons, a 90-acre subdivision off LA 25 near Airport Road and US 190. The infrastructure improvements included drainage, water, sewerage, roads, parking, and a detention pond. Sewerage work included a Master Sewerage Plan, a new 300 GPM sewerage lift station (duplex, submersible pumps), 4,600 LF of 6" sewerage force main, air release valves, gravity mains, and tying into the existing lift station on Highway 190. He coordinated with the City of Covington, St. Tammany Parish, USACE, DOTD, and various utility companies. Construction Cost: \$1.8M</p> <p><u>Lynette & Shirley Lift Station Upgrade, Jefferson Parish</u> Project Engineer for the Lynette & Shirley lift station upgrade which included a new 480 GPM lift station to replace the existing lift station near the intersection of Lynette Drive and Shirley Street. Construction cost was \$830,000. Work included the following:</p> <ul style="list-style-type: none"> ✿ A fiberglass wet well and valve pit. ✿ Submersible 480 GPM duplex lift station. ✿ New control panel. ✿ New gravity lines from the existing system to new lift station with associated manholes. Existing manholes shall be replaced with fiberglass manholes. ✿ Directional drill new 8" FM along Lynette Drive. Tie new 8" FM (approx. 550 LF) into two (2) existing sewer manholes downstream (along Lynette Drive). ✿ Demolish and remove/abandon existing lift station. ✿ Replace concrete pavement (roads and sidewalks) as required. ✿ Replace existing drainage catch basins and lateral. ✿ Electrical panel to accommodate future generator hookups. <p><u>North Causeway Approach Sewerage Improvements – Phase I, St. Tammany Parish</u> Project Engineer for design of a new Lift Station "E" at St. Ann Street. The work included approximately 3,000 long 12" PVC force main for Lift Station "E" to Lift Station 50 and approximately 2,300 LF of 8" gravity sewer main between Brookside Street and U.S. 190, which was tied into the new gravity main. Construction Cost: \$788K</p>	



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Eric Colwart, P.E., Civil Engineer
Project Assignment:	Civil Engineer
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years Experience with this Firm:	14
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 2005
Active Registration: Year first registered/discipline:	2011/Civil Engineering/LA License #36290
	
Other experience and qualifications relevant to the proposed project:	
<p>Eric Colwart has fourteen (14) years' experience in Civil and Structural Engineering including client contact, cost estimates, design, construction administration, and preparation of reports, plans and specifications. He specializes in structural engineering and city infrastructure projects. Structural engineering projects include analysis of existing structures and foundations, as well as design of concrete foundations and steel framing for new buildings and structures. City infrastructure projects include performing hydraulic analysis and geometric design for roadway and drainage projects. He has designed projects in accordance with DOTD's "Roadway Design Manual", "Complete Streets Manual", "Hydraulics Manual", "Bridge Manual", AASHTO's "Green Book", and the "Louisiana Standards and Specifications for Roads and Bridges".</p> <p><u>Covington Commons, St. Tammany Parish</u> Assisted with the design of the development, Covington Commons, a 90-acre subdivision off LA 25 near Airport Road and US 190. The infrastructure improvements included drainage, water, sewerage, roads, parking, and a detention pond. Sewerage work included a Master Sewerage Plan, a new 300 GPM sewerage lift station (duplex, submersible pumps), 4,600 LF of 6" sewerage force main, air release valves, gravity mains, and tying into the existing lift station on Highway 190. He assisted with coordinating with the City of Covington, St. Tammany Parish, USACE, DOTD, and various utility companies. Construction Cost: \$1.8M</p> <p><u>Kenner 39th Street Lift Station, City of Kenner</u> Assisted with the design of a new 3,900 GPM lift station to replace the existing lift station on 39th Street near Arkansas Street. Work included the following:</p> <ul style="list-style-type: none"> ✿ Fiberglass Wet Well ✿ Triplex Lift Station ✿ Control Panel ✿ Gravity Lines ✿ Tie into existing 18" sewer force main. ✿ Demolish and remove existing lift station. ✿ Replace concrete pavement (road and sidewalks). ✿ Slab for generator. ✿ Electrical Panel <p>Construction Cost: \$870K</p> <p><u>Mandeville Effluent Pump Station, St. Tammany Parish</u> Assisted with the design of a new effluent pump station and UV system for the Mandeville Sewerage Treatment Plant. A 6 MGD triplex pump station with 12" submersible pumps was installed with 50 HP motors. This pump station was designed to handle treated sewerage flow from the sewerage plant lagoons and discharge into the assimilation system. A new 12' x 12' x 16' concrete wet well was installed. The piping design took special effort since very limited area was available for the project. Construction Cost: \$1.6M</p> <p><u>Dravo Pump Station/Munster Wastewater Treatment Plant, St. Bernard Parish</u> Assisted with the design to upgrade the Dravo Pump Station and the Munster Wastewater Treatment Plant. Upgrades to Dravo Pump Station doubled its capacity by adding one (1) 280 HP with variable frequency drive motor to three (3) existing 250 HP pumps, along with associated piping, electrical and instrumentation. Improvements to the Munster Treatment Plant included adding a new clarifier, a return activated sludge (RAS) pump, an effluent pump, along with associated piping, electrical and instrumentation. Construction Cost: \$4.8M</p>	

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	James A. Ray
Project Assignment:	Construction Administrator
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years Experience with this Firm:	35
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 1976
Active Registration: Year first registered/discipline:	
Other experience and qualifications relevant to the proposed project:	
<p>James A. Ray has over forty-five (45) years of construction administration experience on all types of commercial, public, and residential projects. His experience includes pre-construction meetings, project meetings, field observations, shop drawing review, pay request evaluation, change order evaluation and multiple other field coordination tasks. He assesses the presented field items on a timely basis to keep the construction progressing within the prescribed period.</p> <p>He was Chief Inspector for the Construction Phase of Wall Boulevard Improvements from Lapalco Boulevard to Belle Chasse Highway for the Department of Transportation and Development.</p> <p>He is familiar with DOTD's "Construction Manual", "Testing Procedures Manual", and "Sampling Manual". He is knowledgeable in the procedures of reporting the Contractor's activities in accordance with DOTD requirements.</p> <p><u>North Causeway LA 22 Sewerage Improvements, St. Tammany Parish</u> Construction Administrator for the <i>sewer improvements</i> which consisted of the <i>installation of a sewer system</i> at the northwest corner of Highway 22 and North Causeway Approach intersection and included a <i>gravity sewer main</i> and manholes. The <i>sewer main</i> ran from existing Manhole No. 3 to proposed Manhole No. 2 and from existing Manhole No. 4 to proposed Manhole No. 6. Construction Cost: \$120K</p> <p><u>South Kenner Sewerage, Jefferson Parish</u> Construction Administrator for the <i>South Kenner sewerage collection system</i> which consisted of a <i>sanitary sewerage collection system</i>; <i>force mains</i> and one <i>lift station</i> in the South Kenner Road area. The <i>lift station</i> included the installation of <i>new pumps</i> to handle the average daily flow and installation of wet well to handle peak design flow.</p> <p><u>Sewerage Collection System, Town of Jean Lafitte, Jefferson Parish</u> Construction Administrator for the <i>\$23M sewerage collection system</i> which included <i>gravity mains</i>, <i>force mains</i>, and <i>pumping stations</i>. The project demanded coordination with the Corps of Engineers and DOTD as well as coordinating the work of four separate engineering firms. He participated in obtaining right-of-way surveys, obtaining abstracts, preparing servitude documents, negotiating property servitudes, and assisting the Parish in developing a financial plan for the project.</p> <p><u>Carroll Street Sewerage Relocation, St. Tammany Parish</u> Construction Administrator for the <i>sewerage relocation</i> which consisted of installation of approximately 460 feet long 42" equivalent RCPA and 380 feet long 48" equivalent RCPA along Carroll Street from Monroe Street to Ravines aux Coquille. The work also included roadway restoration and utility line adjustments affected by these improvements.</p>	



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	Harry Hawney, P.E., MBA
Project Assignment:	Electrical Engineer
Name of Firm with which associated:	Meyer Engineers, Ltd.
Years Experience with this Firm:	1
Education: Degree(s)/Year/Specialization:	B.S. Civil Engineering 1970
Active Registration: Year first registered/discipline:	1981/Electrical Engineering/LA License #19229
Other experience and qualifications relevant to the proposed project:	
<p>Harry Hawney has over fifty-one (51) years of Electrical Engineering experience including working with local area industrial plants, oil refineries, and consulting engineers. His experience includes plant power systems, power distribution, instrumentation, and control systems. He specializes in system rehabilitation and upgrading with emphasis on system reliability and interrelation of power and control schemes.</p> <p><u>East Jefferson Water Works, Jefferson Parish</u> Electrical Design Engineer & Construction Manager for the <i>13.8kV substation with 3 incoming utility sources and automatic 13.8kv switchover between sources; a 4.5MW diesel standby power plant with 4 generators and paralleling switchgear. An alternate emergency power distribution network</i> within the plant to insure the highest level of power delivery reliability. Construction schemes were developed to allow all plant equipment to stay in service during construction. For plant operator interface, all power system components communicate on a fiber optic network, to a server-based <i>Power Management and Control System (PMCS)</i>. This allows monitoring and control of the entire plant normal and emergency power systems. Construction Cost: \$5M</p> <p><u>Munster Sewerage Treatment Plant, St. Bernard Parish</u> Electrical Design Engineer & Construction Manager for consolidating the existing Parish treatment <i>sewerage treatment plants</i> into a new 50MGD treatment facility at the Munster WWTP. The scope included <i>electrical service at 13.8kv with 480V in plant distribution, 2 – 2MW emergency back-up diesel generators</i>; in plant distributed scada system; and in plant security system. Electrical and Scada Cost: \$12M</p> <p><u>Ruddock Reverse Osmosis (RO) Plant, St. John the Baptist Parish</u> Electrical Design Engineer & Construction Manager for the <i>fully automated 4.5 MGD RO plant</i>. Project included all power and control systems for unattended automatic operation. Construction Cost: \$3.3M (Electrical Content: \$600K) The major components included the following:</p> <ul style="list-style-type: none"> ✿ Service entrance switchboard. ✿ Automatic transfer switch for back-up generator power. ✿ Motor control centers. ✿ Feed pump starter/controllers. ✿ Service entrance feeder and distribution feeders. ✿ <i>480V emergency power system.</i> ✿ PLC controlled fully automated membrane trains with tie-in to the Parish 2.4GHz telemetry system to allow complete monitoring and control. <p><u>Wallace Lift Station Rehabilitation, Caddo Parish</u> Electrical Design Engineer & Construction Manager for the <i>rehabilitation of an existing major sewerage lift station</i>. Design the <i>electrical for 4 900HP variable speed pumps, along with an automated control system, and a telemetry system for remote monitoring and control.</i> The station includes all power and controls systems for <i>unattended automatic operation</i>. Construction Cost: \$10M (Overall Project) \$3M (Electrical Content). The major components included the following:</p> <ul style="list-style-type: none"> ✿ Equipment demolition and removal. ✿ Supply and install major new equipment. ✿ New electrical room with incoming and distribution switchgear, MCC's and associated distribution circuits. ✿ Variable frequency drives and harmonic filters: four (4) 900HP drives for effluent pumps. ✿ <i>Power Management & Control System (PMCS): provide a PMCS to monitor the entire plant and to provide various control functions.</i> ✿ Burglar alarm system and security camera system. ✿ Redundant PLC Control and local HMI. ✿ Radio telemetry connection to remote HMI at central operations, at the Lucas WWTP. All systems backed up with UPS power. ✿ Explosion proof construction in classified areas. 	

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 by Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location and Owner's contact information:

Nature of Firm's Responsibility:

Design, Bidding and Construction Administration

***First Camellia,
Second Camellia,
and West Camellia
Sewer Lift Station
Upgrades***

Slidell, Louisiana

City of Slidell
P.O. Box 828
Slidell, LA 70458
Mr. Blaine Clancy, P.E.
985-646-4270




Email:

Bclancy@cityofslidell.org

KEY PERSONNEL







Richard C. Meyer, P.E.
Donovan P. Duffy, P.E.

HIGHLIGHTS




-  Sewer Lift Station Upgrades
-  New Wet Wells and Submersible Pumps
-  New Control Panels

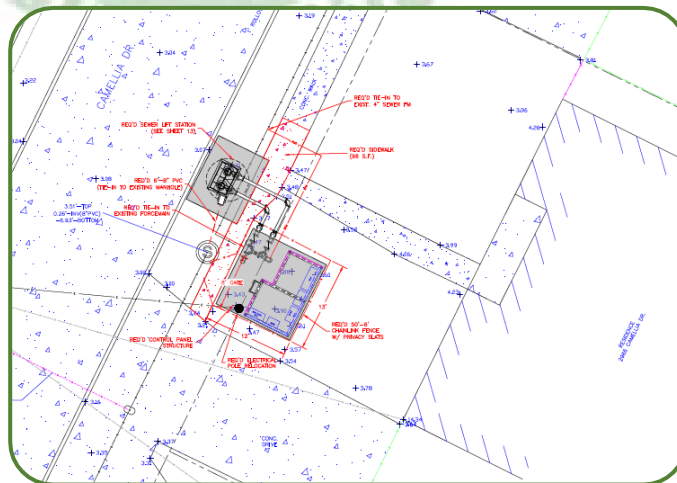
Meyer Engineers, Ltd. (Meyer) is currently completing the *design of sewer lift station upgrades* to First Camellia (PS 510), Second Camellia (PS 511) and West Camellia (PS 512). This project is to be funded by the LDEQ Clean Water State Revolving Fund.

Upgrades to the lift stations include:

-  Install **new wet wells and submersible pumps** with above ground piping.
-  Tie-in existing manhole to wet well.
-  **New control panels** and platforms elevated one foot about BFE.
-  New concrete top slab with hatches.
-  New 6-ft. chain link fence and gate with hunter green privacy slats
-  New power pole and LED site lighting.

Design of the upgrades includes the following unique design criteria and challenges:

-  Pump drawdown tests to determine actual flow rate of existing lift stations.
-  Connection of existing manholes and new wet well, while maintaining service to the customers.
-  Footprint Limitations: Small right-of-way and easements required the layout of the lift station to be creative to fit the new wet well, above ground piping and elevated electrical platform within public right-of-way and existing lift station footprint.



Completion Date (Actual or estimated):

Estimated Cost:

Entire Project:

Work for which Firm was Responsible:

On-Going

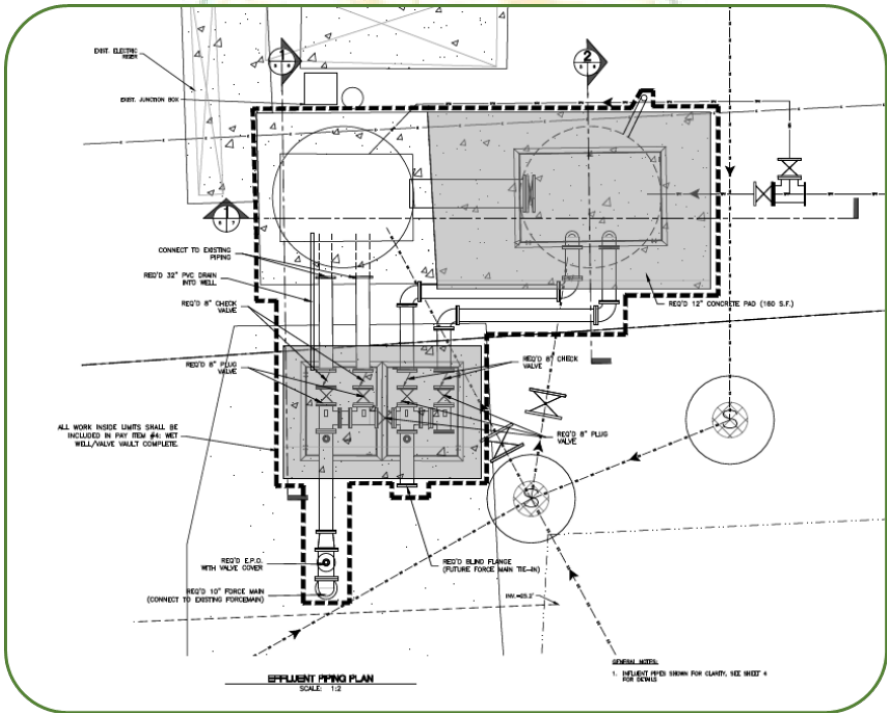
\$1,000,000

100%

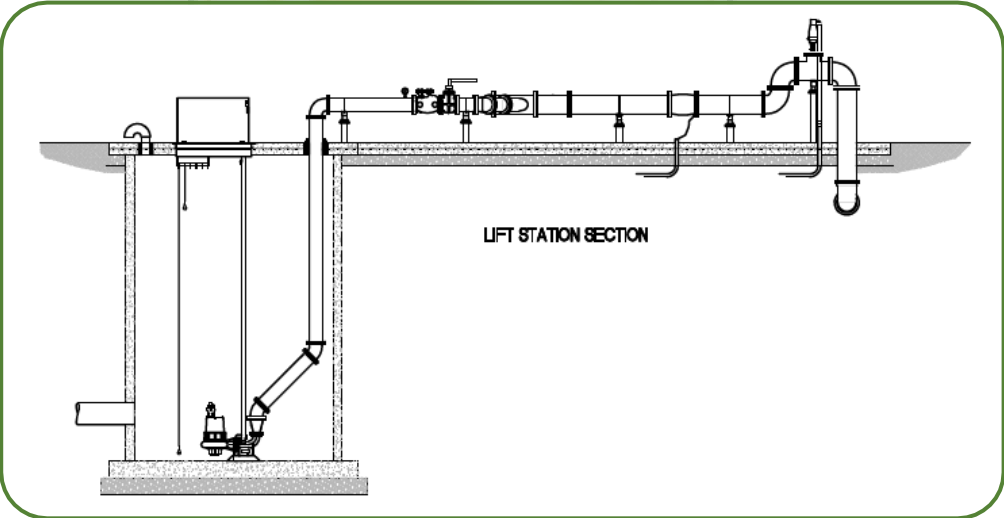
TEC Professional Services Questionnaire

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;"><i>Kenner 39th Street Lift Station</i> Kenner, Louisiana</p> <p style="text-align: center;">City of Kenner 1610 Rev. Richard Wilson Drive Kenner, LA 70062 Mr. Tom Schreiner 504-468-7515 Email: tschreiner@kenner.la.us</p> <p>KEY PERSONNEL</p> <p>Richard C. Meyer, P.E. Jitendra C. Shah, P.E. Eric Colwart, P.E.</p> <p>HIGHLIGHTS</p> <ul style="list-style-type: none"> New 3,900 GPM Lift Station 12' Diameter Fiberglass Wet Well and Valve Pit New Control Panel New Gravity Lines SCADA System 	<p>The project included <i>a new 3,900 GPM lift station</i> to replace the existing lift station on 39th Street near Arkansas Street. <i>As part of the City of Kenner's need to improve the entire sewer infrastructure</i> multiple design projects ran concurrently. <i>Meyer Engineers, Ltd.'s (Meyer)</i> task was to design the 39th Street Lift Station. However, new upstream and downstream lift stations and their respective force mains were also in the design process at the same time. Coordination with various consultants and the City of Kenner was necessary to insure a clear and concise project with limited delay and conflicts.</p> <div style="text-align: right;">  </div> <p>The location presented many challenges for design and construction due to the limited access/site constraints as well as existing infrastructure that was required to be fully operational during construction. Multiple force mains and gravity lines discharged into the existing lift station. The new lift station had to be designed to include the connection of these existing sanitary sewer lines. During design, careful consideration was also made to situate the lift station which was also near an elementary school driveway drop off/pick up location. Careful construction work schedules needed to be made to reduce negatively impacting the dropping off and picking up of children at the school in the morning and afternoon. Construction was phased to allow for demolition of the existing lift station which was housed inside a 10' x 25' brick building once all existing connections were completed to the new lift station.</p> <p>A supervisory control and data acquisition, known as SCADA, was installed at the lift station. This system provides real-time monitoring of the lift station and provides diagnostic tools such as pump run time, pump starts, alarms and wet well level.</p> <p>In general, work included the following:</p> <ul style="list-style-type: none"> <i>Submersible 3,900 GPM Triplex Lift Station.</i> <i>12' Diameter Fiberglass Wet Well and Valve Pit</i> (pile supported). <i>New Control Panel</i> situated on top of a raised slab to meet the FEMA Base Flood Elevation that includes platform, stairs, and safety railing for access. New Gravity Lines. Tie into existing 18" sewer force main. Demolish and remove existing lift station. Replace concrete pavement (road and sidewalks). <i>Electrical Panel</i> to accommodate future generator hookup. SCADA system 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2011	\$870,000	100%

TEC Professional Services Questionnaire

PROJECT NO. 3						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p><i>US 190 Sewer Lift Station Upgrade</i> Covington, Louisiana</p> <p>City of Covington 317 N. Jefferson Avenue Covington, LA 70433 Ms. Callie Baker 985-892-1811 Email: cbaker@covla.com</p> <p>KEY PERSONNEL</p> <p>Richard C. Meyer, P.E. Donovan P. Duffy, P.E.</p> <p>HIGHLIGHTS</p> <ul style="list-style-type: none"> ✿ Sewer Lift Station Upgrade ✿ New Wet Well ✿ Piping, Tees, and Valves 	<p><i>Meyer Engineers, Ltd. (Meyer)</i> is currently completing the <i>design of the upgrade to the US 190 sewer lift station</i>. The project consists of adding a <i>new wet well</i> adjacent to the existing wet well at the existing sewer lift station near the intersection of US 190 and Oak Alley Boulevard.</p> <p>Additional work to <i>upgrade the lift station</i> includes the following:</p> <ul style="list-style-type: none"> ✿ <i>New wet well</i> to fit within the existing servitude and newly acquired servitude. ✿ Remove two (2) existing valves from inside the existing wet well and provide two (2) new valves in the new valve pit adjacent to the existing wet well. ✿ Add <i>piping, tees, and valves</i> to route three (3) 10" gravity sewer lines and one (1) 10" force main to tie into both the new wet well as well as existing wet well. ✿ Add new <i>valve pit</i> for existing emergency pump out (EPO). ✿ Remove and replace 6' wooden fence and double gate to enclose required site work within the existing and newly acquired servitude. <div style="text-align: center;">  </div>					
<p>Completion Date (Actual or estimated):</p> <p>On-Going</p>	<p>Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d9ead3;"> <th style="width: 50%; padding: 5px;">Entire Project:</th> <th style="width: 50%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">\$372,000</td> <td style="text-align: center; padding: 5px;">100%</td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was Responsible:	\$372,000	100%
Entire Project:	Work for which Firm was Responsible:					
\$372,000	100%					

TEC Professional Services Questionnaire

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
	<i>Report & Design</i>	
<p><i>Upgrades to Anna & Ama Lift Stations</i> St. Charles Parish, Louisiana</p> <p>St. Charles Parish Department of Wastewater 100 River Oaks Drive Destrehan, LA 70047 Mr. David deGeneres 985-783-5100 Email: ddegeneres@stcharlesgov.net</p> <p style="text-align: center;">KEY PERSONNEL</p> <p>Richard C. Meyer, P.E. Donovan P. Duffy, P.E.</p> <p style="text-align: center;">HIGHLIGHTS</p> <ul style="list-style-type: none"> ✿ Upgraded 675 GPM Lift Station ✿ Bypass Pumping ✿ New Control Panel 	<p><i>Meyer Engineers, Ltd. (Meyer)</i> completed the design of the Anna & Ama Lift Stations upgrades which included an upgraded 675 GPM lift station to replace the existing lift station on Ann Street in Ama, Louisiana. Funding for the project was provided through the LDEQ CWSRF loan program. Meyer was responsible for the design, permitting and specifications for this project. As with most pump station rehabilitation projects, design considerations had to be included to allow the sewer system to continue working throughout the entirety of construction. The work included the following:</p> <ul style="list-style-type: none"> ✿ Bypass pumping. ✿ Demolish and remove existing piping at Anna lift station. ✿ New above grade piping and valves. ✿ Relocation of submersible duplex pumps at Ama lift station. ✿ New control panel. ✿ Tie new 12" force main into a sewer existing force main downstream (bypassing Ama lift station). ✿ Demolish and remove/abandon Ama lift station. ✿ Replace concrete pavement (roads and sidewalks) as required. ✿ Electrical panel to accommodate portable generator hookups. <div style="text-align: center; margin-top: 20px;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$300,000	10%

TEC Professional Services Questionnaire

PROJECT NO. 5						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p><i>Dravo/Munster Upgrades</i> St. Bernard Parish, Louisiana</p> <p>St. Bernard Parish 8201 W. Judge Perez Drive Chalmette, LA 70043 Mr. Matthew Falati, P.E. 504-278-4314 Email: mfalati@sbgp.net</p> <p>KEY PERSONNEL</p> <p>Richard C. Meyer, P.E. Jitendra C. Shah, P.E.</p> <p>HIGHLIGHTS</p> <ul style="list-style-type: none"> Pump Station Upgrade Wastewater Treatment Plant Upgrade 	<p><i>Meyer Engineers, Ltd. (Meyer)</i> completed engineering design and construction administration services to <i>upgrade</i> the Dravo <i>Pump Station</i> and Munster <i>Wastewater Treatment Plant</i> project.</p> <p><i>Upgrades</i> to the Dravo Pump Station <i>doubled its capacity</i> by adding one (1) 280 HP with variable frequency drive motor to three (3) existing 250 HP pumps, along with associated piping, electrical and instrumentation.</p> <p><i>Improvements</i> to the Munster Treatment Plant included adding a new clarifier, a return activated sludge (RAS) pump, an effluent pump, along with associated piping, electrical, and instrumentation. The new primary clarifier is 93' in diameter with all sludge removal equipment. A new 375 HP effluent dry pit pump along with three (3) existing effluent pumps and a new 225 HP RAS pump was added to the existing three (3) RAS pumps. Also added were three (3) motorized gate operators and valves at the digester basin.</p> <p>These <i>improvements are intended to provide additional capacity</i> to the Parish, allowing the stations to cope with recent growth in the area.</p> <div style="display: flex; justify-content: space-around; align-items: center;">  </div> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>					
Completion Date (Actual or estimated):	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #d9ead3;"> <th style="width: 50%; padding: 5px; text-align: center;">Entire Project:</th> <th style="width: 50%; padding: 5px; text-align: center;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="text-align: center; padding: 5px;">2018</td> <td style="text-align: center; padding: 5px;"> <div style="display: flex; justify-content: space-between;"> \$4,800,000 95% </div> </td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	2018	<div style="display: flex; justify-content: space-between;"> \$4,800,000 95% </div>
Entire Project:	Work for which Firm was Responsible:					
2018	<div style="display: flex; justify-content: space-between;"> \$4,800,000 95% </div>					

TEC Professional Services Questionnaire

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><i>Mandeville Effluent Pump Station/Sewer Treatment Plant</i> Mandeville, Louisiana</p> <p>City of Mandeville 1100 Mandeville High Boulevard Mandeville, LA 70471 Mr. Keith LaGrange 985-621-3169 Email: klagrange@cityofmandeville.com</p> <p>KEY PERSONNEL</p> <p>Richard C. Meyer, P.E. Jitendra C. Shah, P.E.</p> <p>HIGHLIGHTS</p> <ul style="list-style-type: none"> 6 MGD Triplex Effluent Pump Station with 12" Submersible Pumps 12' x 12' x 16' Concrete Wet Well 	<p style="background-color: #d9ead3;">Design, Bidding and Construction Administration</p> <p>The project consisted of a <i>new effluent pump station and UV system</i> for the Mandeville Sewerage Treatment Plant. A 6 MGD triplex pump station with 12" submersible pumps was installed with 50 HP motors. This <i>pump station</i> was designed to handle treated <i>sewerage</i> flow from the sewerage plant lagoons and discharge into the assimilation system. A new 12' x 12' x 16' concrete wet well was installed. The piping design took special effort since very limited area was available for the project.</p> <p>Two mechanical bar screens with VFD drives, Parshall flume and instrumentation added parallel to the existing headwork to increase treatment plant capacity.</p> <p>A new UV system was designed and constructed for handling 9 MGD wastewater flow. The UV system consisted of three concrete open channels. A microwave UV technology system was installed. The UV system is used for disinfection of the treated sewerage from the sewerage treatment plant facilities. This system uses ultraviolet technology.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  </div> <div style="width: 45%;"> <p>An advance quality control system was designed and installed. The control system was equipped with a SCADA system to monitor operation of <i>pump station</i> and UV system. A 350 KVA generator was installed to serve both the effluent <i>pump station</i> and UV system during an emergency. The City of Mandeville's staff was trained to operate this system.</p> </div> </div> <p>Oxidation pond diversion of flow to equalization basin was studied to increase the treatment plant capacity. Also removing of settled sludge from oxidation pond and increasing the efficiency of aeration system was considered. Rehabilitation of existing piping, equipment, pump system, and chlorination system were considered.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2010	\$1,500,000	100%

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;"><i>Lynette & Shirley Lift Station Upgrade</i> Jefferson Parish, Louisiana</p> <p>Jefferson Parish 1221 Elmwood Park Boulevard, Ste. 906 Harahan, LA 70123 Mr. Amit Sengupta 504-736-6386 Email: asengupta@jeffparish.net</p> <p style="text-align: center;">KEY PERSONNEL</p> <p>Richard C. Meyer, P.E. Mark A. Schutt, P.E.</p> <p style="text-align: center;">HIGHLIGHTS</p> <ul style="list-style-type: none"> ✿ 480 GPM Lift Station ✿ New Wet Well and Valve Pit ✿ Submersible 640 GPM Duplex Lift Station ✿ New Control Panel 	<p><i>Meyer Engineers, Ltd. (Meyer)</i> completed the design of the Lynette & Shirley Lift Station Upgrade project. The project included <i>a new 480 GPM lift station</i> to replace the existing lift station near the intersection of Lynette Drive and Shirley Street. Work included the following:</p> <ul style="list-style-type: none"> ✿ A fiberglass <i>wet well and valve pit</i>. ✿ <i>Submersible 640 GPM duplex lift station</i>. ✿ <i>New control panel</i>. ✿ New gravity lines from the existing system to new lift station with associated manholes. ✿ Directional drill new 8" FM along Lynette Drive (approx. 1,000 LF). Tie new 8" FM into an existing sewer manhole downstream (along Lynette Drive). ✿ Demolish and remove/abandon existing lift station. ✿ Replace concrete pavement (roads and sidewalks) as required. ✿ Replace existing drainage catch basins and lateral. ✿ Electrical panel to accommodate future generator hookups. <div style="text-align: right;">   </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$830,000	100%

TEC Professional Services Questionnaire

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
	<i>Design, Bidding and Construction Administration</i>	
<p style="text-align: center;"><i>N. Causeway Approach Sewerage Improvements</i> St. Tammany Parish, Louisiana</p> <p style="text-align: center;">City of Mandeville 1100 Mandeville High Boulevard Mandeville, LA 70471 Mr. Keith LaGrange 985-621-3169 Email: klagrange@cityofmandeville.com</p> <p style="text-align: center;">KEY PERSONNEL</p> <p style="text-align: center;">Richard C. Meyer, P.E. Jitendra C. Shah, P.E.</p> <p style="text-align: center;">HIGHLIGHTS</p> <ul style="list-style-type: none"> New 600 GPM Lift Station 2-7.5 HP Capacity Submersible Pumps 	<p><i>Meyer Engineers, Ltd. (Meyer)</i> completed the design, bidding, and construction administration for the North Causeway <i>Sewerage Improvements</i>. The project consisted of <i>evaluating sewerage flow</i> from the existing commercial properties, church and shopping centers on Highway 190 and <i>evaluating the existing sewer system for deficiencies</i>. Existing force main, gravity sewer and <i>lift stations</i> were also evaluated for adequacy and a report was prepared for proposed improvements.</p> <p>Phase I of the project consisted of <i>installing a new Lift Station "E"</i> at St. Ann Street. The existing lift station was abandoned. New <i>Lift Station "E" consisted of 2-7.5 HP capacity submersible pumps with 600 GPM capacity.</i></p> <p>The work also included approximately 3,000' long 12" PVC force main from Lift Station "E" to Lift Station 50 and approximately 2,300 LF of 8" gravity sewer main between Brookside Street and U.S. 190, which was tied into Lift Station "E". Small sewer lift stations and existing sewer connections were tied into the new gravity main.</p> <p>Meyer coordinated with DOTD since the project was located within DOTD right-of-way.</p> <div style="text-align: center;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2010	\$1,200,000	100%

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;"><i>Harahan CDBG Wastewater Improvement Projects</i></p> <p style="text-align: center;">Harahan, Louisiana</p> <p style="text-align: center;">City of Harahan 6437 Jefferson Highway Harahan, LA 70123 Mayor Tim Baudier 504-736-6383 Email: tim.baudier@ci.harahan.la.us</p> <p style="text-align: center;">KEY PERSONNEL</p> <p style="text-align: center;">Richard C. Meyer, P.E. Jitendra C. Shah, P.E.</p> <p style="text-align: center;">HIGHLIGHTS</p> <ul style="list-style-type: none"> ✿ LCDBG Funded ✿ Pump Replacement ✿ Field Investigation of 14 Lift Stations 	<p><i>Meyer Engineers, Ltd. (Meyer)</i> completed this LCDBG funded project which consisted of providing waterproof housing and concrete pads for temporary generators, <i>replacement of the above ground pumps with submersible pumps at Lift Station No. 11</i> and the evaluation of the <i>submersible pumps at other lift stations</i> with replacement of damaged pumps as required throughout the City of Harahan. Meyer applied and coordinated with the Louisiana Recovery Authority's (LRA), Office of Community Development (OCD) for grant funding to complete the design and construction of the necessary and important improvements to the city's aging sanitary sewer infrastructure.</p> <p>As part of the preliminary design, <i>field investigation of all fourteen (14) lift stations</i>, gathering as built and background information, coordination with pump and control panel manufacturers was necessary to provide a thorough assessment of the lift station upgrades.</p> <p>It was determined that a total of five (5) portable generators of varying sizes to meet the various lift station pump sizes would be provided for the fourteen (14) lift stations located in the City of Harahan. Work also included determining a site location, type, and size of building necessary to store the portable generators.</p> <p>Also included as part of the project was the evaluation of electrical improvements necessary at all fourteen (14) lift stations for proper generator operation and wired telemetry.</p>	
		
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
LRA – 2012 WWTP – 2012 Sewerage – 2014	LRA - \$400,000 WWTP - \$262,000 Sewerage - \$52,000	100%

TEC Professional Services Questionnaire

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
	<i>Report</i>	
<p><i>River Forest Lift Station Study</i> Covington, Louisiana</p> <p>City of Covington 317 N. Jefferson Avenue Covington, LA 70433 Ms. Callie Baker 985-892-1811 Email: cbaker@covla.com</p> <p>KEY PERSONNEL</p> <p>Richard C. Meyer, P.E. Donovan P. Duffy, P.E.</p> <p>HIGHLIGHTS</p> <p> Sewer Analysis/Evaluation</p>	<p><i>Meyer Engineers, Ltd. (Meyer)</i> completed the preparation of a Report containing <i>sewer analysis to upgrade and/or rehabilitate the sewer Lift Station #15</i> in River Forest Subdivision for the City of Covington. Meyer <i>evaluated sewerage flow</i> from the existing residential properties and flow from Lift Stations #16, 17, & 18 near and around River Forest Subdivision. Approximately 525 acres of un-sewered undeveloped land also may connect into this system in the future. The existing force main from Lift Station #15, gravity sewer and other <i>lift stations</i> were evaluated for adequacy and a report was prepared for proposed improvements.</p> <p>Analysis included determining the location of a new lift station or rehabilitation of the existing lift station. Rehabilitation may include <i>replacement of pumps</i>, installation of an additional wet well, determine if a <i>new electrical control panel</i> is required.</p> <p>Challenges included determining flows and pressure characteristics at Lift Stations #5, 6, 8, 10, & 11 and how they affect Lift Station #15 design parameters. Many of the City of Covington's sewer lift stations are interconnected via force mains. This pressure system operates based on the flow and total dynamic head conditions each station creates as it pumps into a common force main. To determine the necessary data, ultrasonic flow meters were used on the various lift station discharge force mains. This flow data was utilized in providing a recommendation for work necessary at Lift Station #15.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	\$500,000	10%

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. Parish of Jefferson and LSED	Mickey O'Connor General Contractor, Inc. Gray Insurance, and Meyer Engineers, Ltd.	Resolved and dismissed.
2. Parish of Jefferson and LSED	NY & Associates, Infinity Engineers, Meyer Engineers, Ltd. and General Contractor	Resolved and dismissed.

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

1. PROFESSIONAL TRAINING AND EXPERIENCE

Meyer Engineers, Ltd. (Meyer) is an Engineering/Architectural Firm located in Metairie, Louisiana. Meyer is a Louisiana registered Engineering and Architectural firm with Richard C. Meyer as President and Chief Executive Officer. Meyer is the continuation of the firm of Hamilton, Meyer and Associates, Inc., Architect and Engineer. Hamilton, Meyer and Associates was started in 1967 and was dissolved in 1981. Mr. Charles Meyer continued on as President of Meyer Engineers, Ltd. from 1981 to 1999. Richard C. Meyer was elected President of Meyer in January 2000. Meyer maintains the current professional liability insurance required for this project.

Meyer's key personnel have expertise in performing engineering services that include civil engineering design, CADD drafting and construction administration. Our firm offers knowledge and technical ability in all fields of civil engineering practice including the design and preparation of construction plans for streets, highways, sewerage, drainage and water supply projects. These tasks include developing plans and layouts, pre-design estimates, plan-profile sheets, geometric designs, drainage designs including subsurface drainage, typical sections, detail sheets, signing and striping details, joint layouts, construction sequence, cross-sections and quantity calculations.

Meyer's **wastewater experience** includes the following:

- ✦ Lafitte Area Wide Sewerage
- ✦ Mandeville Wetland Assimilation
- ✦ Sewerage & Water Board Projects
- ✦ N.O. Sewerage & Water Board Wetland Assimilation
- ✦ Zone 1 Sewerage Improvements
- ✦ North Causeway LA 22 Sewerage Improvements
- ✦ South Kenner Sewerage
- ✦ Gause Boulevard Sewer and Water Extension
- ✦ Lynette & Shirley Lift Station Upgrade



2. CAPACITY FOR TIMELY COMPLETION

The firm has an excellent record of delivering a quality professional service in a timely manner to its public and private clients. Meyer has never been placed in default for not being in compliance with performance schedules. The firm is cognizant of the total project costs and schedules, including architectural, engineering, property acquisition and construction costs. The firm will consider these important factors in the design of the project. The firm has instituted a quality control program. The firm's current work will not conflict with this project. Personnel are available to manage the project and prepared to begin work immediately.

3. LOCATION OF THE PRINCIPAL OFFICE WHERE WORK WILL BE PERFORMED

Meyer is an Engineering/Architectural firm located in the Metro New Orleans area. Work for this project will be performed at Meyer's office located at: **4937 Hearst Street - Suite 1B, Metairie, Louisiana 70001**. Meyer is located within Jefferson Parish and can be at the project site within ten (10) minutes.

TEC Professional Services Questionnaire

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

4. ADVERSARIAL LEGAL PROCEEDINGS WITH THE PARISH

There is no ongoing litigation between Meyer and Jefferson Parish. There are no adversarial legal proceedings between Meyer and the Parish. The litigation involving the Alario Center Kitchen and Hornet Addition which Meyer was a party has been amicably resolved between the parties and as such dismissed.

5. PRIOR SUCCESSFUL COMPLETION OF PROJECTS

The following references can attest to the quality of work for streets projects of Meyer:

- ✿ Jefferson Parish, Mr. Neil Schneider, Phone: 504-736-6833
- ✿ Jefferson Parish, Mr. Mark Drewes, Phone: 504-736-6500
- ✿ St. Bernard Parish, Mr. Matthew Falati, Phone: 504-278-4314
- ✿ Town of Jean Lafitte, Mayor Timothy Kerner, Phone: 504-689-7801

6. SIZE OF FIRM

Meyer currently employs twelve (12) Louisiana Licensed Civil Engineers (two (2) with structural experience and all with site planning experience), one (1) Louisiana Licensed Mechanical Engineer, one (1) Engineer Intern, six (6) Licensed Architects, one (1) Interior Designer, one (1) Planner (Urban & Regional), thirty (30) Construction Inspectors, and one (1) CADD Technician.

Meyer has equipment and the facilities to complete this project. Our firm's equipment includes approximately thirty (30) computers, two (2) photocopiers, ten (10) printers capable of printing black & white and/or color in various sizes, and two (2) plotters for AutoCAD Drawings. Some of the computer software Meyer owns includes AutoCAD, HydroCAD (drainage design), Microstation, Roadcalc (roadway design), Cybernet (water design) Licenses, Microsoft Word, Corel WordPerfect, and Microsoft Excel. Meyer also has scanning capabilities, and in-house reproduction capabilities. All firm equipment software is available for these projects. Meyer can provide contract drawings in AutoCAD or Microstation format and contract specifications in Microsoft Word or WordPerfect format.

Meyer Project Team

Richard C. Meyer, P.E., President, is Principal of the firm and fulfills the Minimum Personnel Requirement for a Principal to be a LA Registered Professional Civil Engineer. He is involved with all aspects of administering engineering projects including client contact, cost estimates, design, quality control, contract administration, and contract closeout. He coordinates the Engineering staff and has participated in most facets of Civil Engineering design including structural, sanitary and storm sewerage, roads and bridges, and airport designs.

Jitendra C. Shah, P.E., Vice President, is a Principal of the firm and licensed Engineer with over 47 years of experience in civil site design, roads, architectural projects, and construction management. He fulfills the Minimum Personnel Requirement to be a LA Registered Engineer with a minimum of five (5) years' experience and will be the Professional in Charge of the project. He is involved with all aspects of administering engineering projects for Meyer including client contact, cost estimates, design, quality control, construction administration, and contract closeout, preparation of reports and plans and specifications. He participates in most facets of Civil Engineering design including structural, **sanitary and storm sewerage**, water, sidewalks, drainage, roads and bridges, and airport designs.

TEC Professional Services Questionnaire

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

Donovan P. Duffy, P.E., licensed Engineer has over seven (7) years of experience in civil and structural engineering and construction management. He has extensive experience leading design and construction administration operations within a diverse range of industries and government entities. He assisted with the Town of Pearl River's *sewer treatment facility* which included the installation of a two-million-gallon-per-day (MGD) sewer treatment plant.

David H. Dupre, P.E., Vice President, is a Principal of the firm and licensed Engineer with over thirty-five (35) years of experience in civil site design, roads, architectural projects, and construction management. He is involved with all aspects of administering projects including client contact, cost estimates, design, quality control, construction administration, and plans and specifications. He participates in most facets of Civil Engineering design including roads, bridges, drainage, *sanitary sewer*, water, and structural.

7. PAST PERFORMANCE

Meyer has been deeply involved in working with Jefferson Parish on various projects over the past four decades. In addition, Meyer has worked on projects involving representatives from the LADOTD, the FHWA, municipal representatives, government officials with the Federal, State and local level, utilities representatives, contractors, and the general public. The firm is very familiar with Jefferson Parish standard specifications, practices and design requirements, and understands the needs of the Parish and can work within time and budget constraints. Meyer has a record of providing services in a timely manner. Meyer is working with Jefferson Parish on numerous projects including Holmes Boulevard, Destrehan Bike Path, and East Bank Animal Shelter, among many others.

WHY CHOOSE MEYER?

- ✿ **Responsiveness:** as a professional service firm, we realize that time is money and as such we are very sensitive to the needs of our clients and project deadlines. From the initial proposal stage to project close-out and delivery, Meyer management and staff pride themselves on meeting schedules and responding to client requests.
- ✿ **Reliability:** Meyer has been in business since 1965 and is a second-generation owned firm. As a pillar of the Jefferson Parish business community, Meyer has for decades provided our clients with quality designs for the built environment. Our long-standing reputation as a trusted partner with our clients will remain for future generations.
- ✿ **Resourcefulness:** Applying new processes, methodologies and techniques allows us to take a proactive approach to solving project challenges and deliver your projects better and faster. Our team is constantly searching for new ways to identify funding through grant programs, and the management staff sources the latest technologies and design trends.



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

Signature:  Print Name: **Richard C. Meyer, P.E.**

Title: **President**

Date: **May 26, 2021**

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Professional Engineering Services related to the Design of the

Rehabilitation of the Transcontinental & Belle Lift Station (E8-1)

SOQ 21-008 | Resolution No. 137449

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 (since 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 • LA License No. 4329 (1974)

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

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

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

1	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	3	Clerical
-	Ecologists	-	Mechanical Engineers	-	Grant/Funding Specialist
-	Electrical Engineers	*	Land Surveyor (*see PLS)	-	Sanitary Engineers
-	Engineer Intern	-	Mechanical Engineers	2	Principals
1	Professional Land Surveyors	-	Environmental Engineers	1	Technician
				3	Drafting/AutoCADD
				4	Survey Crew Chiefs
				5	Instrument Men
				24	TOTAL

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

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

TEC Professional Services Questionnaire

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

1. **N/A**

2.

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

YES _____ NO _____

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

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

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

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 better than half a century of experience in the field of surveying and has been a registered Professional Land Surveyor (PLS) since 1974. He is thoroughly knowledgeable in all aspects of surveying: topographic, hydrographic, boundary, right-of-way surveying, and all facets thereof. He has provided surveying services for residential, plant, and industrial layout projects, ranging from small private lots & buildings to multi-million dollar programs, including the New Orleans FEMA Streets/Recovery Roads Program.

Since the beginning of his career, his work has entailed computations, drafting, and field work for various industrial, commercial, municipal, and private clients. Project work has included topographic surveying needed for a wide variety of engineering, architectural, and related endeavors.

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**. He has served as the PLS for projects throughout every corner of Jefferson Parish. Relevant project history includes, but is certainly not limited to, the following:

- Sewer Lift Station L-11-1, Saddler Road at Westbank Expressway, Marrero, Jefferson Parish, LA
- Sewer Lift Station F8-3, Metairie, Jefferson Parish, LA
- Destrehan Lift Station Upgrades, Jefferson Parish, LA
- Destrehan Lift Station Upgrades, Jefferson Parish, LA
- Sewer Lift Station L-13-6, Ehret Road, Marrero, Jefferson Parish, LA
- 5th & 9th Sewer Lift Station Upgrades, Harvey, Jefferson Parish, LA
- Lift Station E3-2 (Elmwood & Citrus), Metairie, Jefferson Parish, LA
- Saddler Street Sewer Lift Station, Marrero, Jefferson Parish, LA
- Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, LA
- Lift Station F7-12 (Grace King and Rockford), Metairie, Jefferson Parish, LA
- Lift Station K-11-3, Marrero, Jefferson Parish, LA
- Lift Station F7-13B (SCIP Project No. D55102), Jefferson Parish, LA
- Lift Station E5-4, Jefferson Parish, LA
- Lift Station F1-1, Elmwood Industrial Park Subdivision, Jefferson Parish, LA
- Causeway and Scott Sewer Lift Station Rehabilitation, Jefferson Parish, LA
- Lift Station C4-1A (N. Sibley and Boone), Metairie, Jefferson Parish, LA
- Lift Station F1-1, Elmwood Industrial Park Subdivision, Jefferson Parish, LA
- Kennedy Heights Sewer Lift Station, Jefferson Parish, LA
- N-12-1 (41st & Gardere Canal) Lift Station, Jefferson Parish, LA
- Cleary Avenue & West Napoleon Lift Station & Force Main, Jefferson Parish, LA
- Rehabilitation of D8-3 Lift Station (Purdue Drive & 37th Street), Metairie, Jefferson Parish, LA
- N-12-1 (41st & Gardere Canal) Lift Station, Jefferson Parish, LA
- Route Topographic (including Lift Station/Force Main) Surveying Services, Jefferson Parish, LA
- Lift Station D4-2 and Proposed D4-2B Surveying Services, Metairie, Jefferson Parish, LA
- Lakeside Mall Lift Station Servitude, Jefferson Parish, LA
- Emergency Generators for Sewer Lift Stations and Helios and West Napoleon Pump Stations, Jefferson Parish, LA
- Elizabeth & Utica Sewerage Lift Station, Jefferson Parish, LA
- Lapalco Boulevard Bridge at Harvey Canal, Jefferson Parish, LA
- DOTD H.010570, LA 49, Williams Boulevard, Kenner, Jefferson Parish, LA
- Latigue Road Extension, Jefferson Parish, LA
- Destrehan Avenue Bike Path (Patriot Street to Chadwood Drive), Harvey, Jefferson Parish, LA
- Metairie Road Smart Growth: Causeway Boulevard and Metairie Road, Metairie, Jefferson Parish, LA
- Avenue D Drainage Improvements (Phase VIII: Allo Street), Metairie, Jefferson Parish, LA
- Power Boulevard at Vintage Drive, Kenner, Jefferson Parish, LA
- Ames Boulevard Rehabilitation, Jefferson Parish, LA
- Green Acres Road, Metairie, Jefferson Parish, LA
- Veterans Memorial Boulevard - Westbound, Jefferson Parish, LA
- Hector Avenue Route Topographic Survey, Gretna, Jefferson Parish, LA
- Cousins Boulevard Extension (Phase I), Harvey, Jefferson Parish, LA
- Little Farms Avenue, Jefferson Parish, LA
- Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, LA
- Lapalco Boulevard Turn Lane (Lapalco Boulevard at Baratavia Boulevard), Jefferson Parish, LA
- Baratavia Boulevard Turn Lane Project, Marrero, 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:

BFM 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 20 years in South Louisiana, working on traditional and unique geotechnical engineering projects (shallow and deep foundation design, slope stability, pavement design, etc.). Mr. Poché has also provided construction oversight for waste facilities and virtually every type of earthwork related project. He has been the geotechnical engineer of record for thousands of projects throughout his career.

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

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)

Sewer Lift Station L-11-1, Saddler Road at Westbank Expressway, Marrero, Jefferson Parish, LA. BFM provided surveying services for Sewer Lift Station L-11-1 (Saddler Road at Westbank Expressway) on the West Bank of Jefferson Parish in Marrero, a continuation of a previous surveying project. The new contract involved a boundary survey with servitude acquisition, updating the boundary and creating servitude, as provided by the client, which was used to create the final survey. (\$4,140 (fee); 2020)

Lift Station F8-3, Metairie, Jefferson Parish, LA. For the project (located at West Esplanade Avenue & Houma Boulevard, in the Dreyfous Tract), BFM executed a topographic survey; scope included two TBMs (Temporary Benchmarks), three point ties, and location of improvements within limits & monuments to establish apparent rights-of-way (ROW). Baseline was set parallel to West Esplanade Avenue. (\$11,890 (fee); 2019)

Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, LA. BFM prepared a Route Topographic Survey of the project site in Harahan, which included portions of Wilson Street and Grove Avenue. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$24,190 (fee); 2018)

Destrehan Lift Station Upgrades, Jefferson Parish, LA. BFM provided a full boundary survey update of the 2700 Destrehan Lift Station Upgrade project; the scope included establishing two TBMs (Temporary Benchmarks) on or near the project site and location of existing improvements within the designated Limits of Survey. This also included location of visible above-ground utilities and those underground utilities with visible surface evidence. (SCIP Project Number:D3564) (\$5,750 (fee); 2019)

Sewer Lift Station L-13-6, Ehret Road, Marrero, Jefferson Parish, LA. BFM's surveying scope involved topographic and boundary surveying services. (\$8,790 (fee); 2019)

5th & 9th Sewer Lift Station Upgrades, Harvey, Jefferson Parish, LA. BFM's scope involved a topographic survey of the project site, located at the intersection of 5th Avenue & 9th Street. Cross sections were taken on a 25 ft grid within limits. (\$6,790 (fee); 2019)

Lift Station E3-2 (Elmwood & Citrus), Metairie, Jefferson Parish, LA. BFM prepared a topographic survey of the project site. (\$10,866 (fee); 2018)

Saddler Street Sewer Lift Station, Marrero, Jefferson Parish, LA. BFM provided topographic surveying services for the project, located near the West Bank Expressway Access Road. (\$5,715 (fee); 2018)

Lift Station F7-13B (SCIP Project No. D55102), Jefferson Parish, LA. BFM provided topographic surveying services in relation to improvements at Lift Station F7-13B, located at the intersection of Stefano Street and Wanda Lynn Drive in Garden Subdivision, Metairie. (\$4,770 (fee); 2018)

Lift Station E5-4, Jefferson Parish, LA. BFM provided topographic surveying services for the project site, located at Transcontinental and West Metairie. (\$6,530 (fee); 2018)

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.

Lift Station D4-2 and Proposed D4-2B Surveying Services, Metairie, Jefferson Parish, LA. BFM provided boundary and topographic surveying services for the existing Lift Station, D4-2, and the proposed Lift Station, D4-2B, to be located at the corner of Olga Avenue and Howard Avenue in Metairie. BFM also provided Right-of-Way to Right-of-Way of associated streets and sites of the existing and proposed lift stations. (\$22,860 (fee); 2016)

Sewer Lift Station L-11-1, Saddler Road at Westbank Expressway, Marrero, Jefferson Parish, LA. BFM provided surveying services for Sewer Lift Station L-11-1 (Saddler Road at Westbank Expressway) on the West Bank of Jefferson Parish in Marrero, a continuation of a previous surveying project. The new contract involved a boundary survey with servitude acquisition, updating the boundary and creating servitude, as provided by the client, which was used to create the final survey. (\$4,140 (fee); 2020)

Rehabilitation of D8-3 Lift Station (Purdue Drive & 37th Street), Metairie, Jefferson Parish, LA. BFM provided topographic surveying services for the project. (\$11,216 (fee); 2016)

N-12-1 (41st & Gardere Canal) Lift Station, Jefferson Parish, LA. BFM provided boundary and topographic surveying services for the project. (2016)

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

John Philip Thayer (continued)

Emergency Generators for Sewer Lift Stations and Helios and West Napoleon Pump Stations, Jefferson Parish, LA. BFM prepared topographic surveys at the Helios PS and at the West Napoleon PS for the placement of emergency generators. (\$5,888 (fee); 2012)

Lakeside Mall Lift Station Servitude, Jefferson Parish, LA. BFM prepared a survey of the area needed for the replacement of a lift station on Severn Avenue. (\$2,540 (fee); 2015)

Route Topographic (including Lift Station/Force Main) Surveying Services, Jefferson Parish, LA. BFM provided boundary and topographic surveys for the project, which involved 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)

Lift Station E5-4, Jefferson Parish, LA. BFM provided topographic surveying services for the project site, located at Transcontinental and West Metairie. (\$6,530 (fee); 2018)

Lift Station F1-1, Elmwood Industrial Park Subdivision, Jefferson Parish, LA. BFM's surveying services for the project involved a topographic survey of Lift Station F1-1 located at the intersection of Plantation road and Toler Street. (\$4,880 (fee); 2018)

Lift Station F7-13B (SCIP Project No. D55102), Jefferson Parish, LA. BFM provided topographic surveying services in relation to improvements at Lift Station F7-13B, located at the intersection of Stefano Street and Wanda Lynn Drive in Garden Subdivision, Metairie. (\$4,770 (fee); 2018)

Elizabeth & Utica Sewerage Lift Station, Jefferson Parish, LA. BFM executed a topographic survey for the project. (\$10,500 (fee); 2012)

N-12-1 (41st & Gardere Canal) Lift Station, Jefferson Parish, LA. BFM provided topographic and boundary surveying services for Lift Station N-12-1 (located at 41st Street & the Gardere Canal) in Jefferson Parish. (\$2,724 (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)

Kennedy Heights Sewer Lift Station, Jefferson Parish, LA. BFM provided topographic surveying services for the project. (\$4,520 (fee); 2017)

Lift Station C4-1A (N. Sibley and Boone), Metairie, Jefferson Parish, LA. BFM executed a topographic survey for the project. (\$3,660 (fee); 2017)

Causeway and Scott Sewer Lift Station Rehabilitation, Jefferson Parish, LA. BFM provided topographic surveying services for the project. (\$5,610 (fee); 2017)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
<p>Gary J. Lambert, Jr., LSI Project Manager/Drafting Supervisor</p>
Project Assignment:
<p>Project Manager/Drafting Supervisor</p>
Name of Firm with which associated:
 <p>BFM CORPORATION, LLC Professional Land & Hydrographic Surveying</p>
Years experience with this Firm:
<p>3 years (joined BFM in 2018); 3 years total</p>
Education: Degree(s)/Year/Specialization:
<p>B.S., 2018, Geomatics, Nicholls State University B.S., 2014, Construction Management, Louisiana State University</p>
Active registration: Year first registered/discipline:
<p>2019, Survey Intern, Louisiana, LSI.0000694</p>
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Lambert provides Project Management and Drafting Oversight for the firm. He has also provided Survey Crew Chief Services since joining BFM and offers a well-rounded experience overview for any project. Mr. Lambert has completed Basic OSHA Training and holds license with the Gulf Coast Safety Council (08SSV, ID429523).</p> <p>5th & 9th Sewer Lift Station Upgrades, Harvey, Jefferson Parish, LA. BFM's scope involved a topographic survey of the project site, located at the intersection of 5th Avenue & 9th Street. Cross sections were taken on a 25 ft grid within limits. (\$6,790 (fee); 2019)</p> <p>Destrehan Lift Station Upgrades, Jefferson Parish, LA. BFM provided a full boundary survey update of the 2700 Destrehan Lift Station Upgrade project; the scope included establishing two TBMs (Temporary Benchmarks) on or near the project site and location of existing improvements within the designated Limits of Survey. This also included location of visible above-ground utilities and those underground utilities with visible surface evidence. (SCIP Project Number:D3564) (\$5,750 (fee); 2019)</p> <p>Lift Station F8-3, Metairie, Jefferson Parish, LA. For the project (located at West Esplanade Avenue & Houma Boulevard, in the Dreyfous Tract), BFM executed a topographic survey; scope included two TBMs (Temporary Benchmarks), three point ties, and location of improvements within limits & monuments to establish apparent rights-of-way (ROW). Baseline was set parallel to West Esplanade Avenue. (\$11,890 (fee); 2019)</p>

TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

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

Sewer Lift Station L-11-1, Saddler Road at Westbank Expressway, Marrero, Jefferson Parish, LA.

BFM provided surveying services for Sewer Lift Station L-11-1 (Saddler Road at Westbank Expressway) on the West Bank of Jefferson Parish in Marrero, a continuation of a previous surveying project. The new contract involved a boundary survey with servitude acquisition, updating the boundary and creating servitude, as provided by the client, which was used to create the final survey. (\$4,140 (fee); 2020)

Sewer Lift Station L-13-6, Ehret Road, Marrero, Jefferson Parish, LA. BFM's surveying scope involved topographic and boundary surveying services. (\$8,790 (fee); 2019)

Destrehan Lift Station Upgrades, Jefferson Parish, LA. BFM provided a full boundary survey update of the 2700 Destrehan Lift Station Upgrade project. (\$11,710 (fee); 2019)

Hanson City Task II Force Main, Kenner, LA. BFM provided Subsurface Utility Engineering (SUE) surveying services for the project. The SUE process includes non-destructive surface geophysical methods which determine the presence of subsurface utilities and to mark their horizontal position on the ground surface. Vacuum excavation techniques are used to expose & record the precise horizontal and vertical position of the assets. A conflict matrix is also created to evaluate and compare collected utility information with project plans, identify conflicts and propose solutions. (\$33,500 (fee); 2019)

Chateau Transfer Station Force Main, City of Kenner, LA. BFM's scope involved updating the topographic survey update for portions of Chateau Transfer Station Force Main (an update from a previous BFM surveying project). (\$13,110 (fee); 2019)


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)

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

Metairie Road Smart Growth: Causeway Boulevard and Metairie Road, Metairie, Jefferson Parish, LA. BFM prepared a topographic survey of the project site for the Metairie Road Smart Growth Program. This included Metairie Road beneath the Causeway Boulevard Overpass. BFM established a baseline parallel to Metairie Road, set up two temporary benchmarks (TBMs), and located all existing improvements. Cross sections for the project area were taken on a 25 ft. grid within established limits. (\$12,660 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
<p>Christopher Lemley Quality Control Supervisor</p>
Project Assignment:
<p>Quality Control Supervisor</p>
Name of Firm with which associated:
 <p>BFM CORPORATION, LLC Professional Land & Hydrographic Surveying</p>
Years experience with this Firm:
<p>7 years (joined BFM in 2014); 15 years total (2006)</p>
Education: Degree(s)/Year/Specialization:
<p><i>High School Diploma</i></p>
Active registration: Year first registered/discipline:
<p>N/A</p>
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Lemley serves as 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.</p> <p>Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, LA. BFM prepared a Route Topographic Survey of the project site in Harahan, which included portions of Wilson Street and Grove Avenue. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$24,190 (fee); 2018)</p> <p>Lift Station F8-3, Metairie, Jefferson Parish, LA. For the project (located at West Esplanade Avenue & Houma Boulevard, in the Dreyfous Tract), BFM executed a topographic survey; scope included two TBMs (Temporary Benchmarks), three point ties, and location of improvements within limits & monuments to establish apparent rights-of-way (ROW). Baseline was set parallel to West Esplanade Avenue. (\$11,890 (fee); 2019)</p> <p>Sewer Lift Station L-11-1, Saddler Road at Westbank Expressway, Marrero, Jefferson Parish, LA. BFM provided surveying services for Sewer Lift Station L-11-1 (Saddler Road at Westbank Expressway) on the West Bank of Jefferson Parish in Marrero, a continuation of a previous surveying project. The new contract involved a boundary survey with servitude acquisition, updating the boundary and creating servitude, as provided by the client, which was used to create the final survey. (\$4,140 (fee); 2020)</p>

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:

*American Traffic Safety Service Assn. – Traffic Flagger/Control Technician/Control Supervisor
Basic OSHA Training - Completed
Transportation Work Identification Card (TWIC)*

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.

Lift Station D4-2 and Proposed D4-2B Surveying Services, Metairie, Jefferson Parish, LA. BFM provided boundary and topographic surveying services for the existing Lift Station, D4-2, and the proposed Lift Station, D4-2B, to be located at the corner of Olga Avenue and Howard Avenue in Metairie. BFM also provided Right-of-Way to Right-of-Way of associated streets and sites of the existing and proposed lift stations. (\$22,860 (fee); 2016)

Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, LA. BFM prepared a Route Topographic Survey of the project site in Harahan, which included portions of Wilson Street and Grove Avenue. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$24,190 (fee); 2018)

Lift Station F8-3, Metairie, Jefferson Parish, LA. For the project (located at West Esplanade Avenue & Houma Boulevard, in the Dreyfous Tract), BFM executed a topographic survey; scope included two TBMs (Temporary Benchmarks), three point ties, and location of improvements within limits & monuments to establish apparent rights-of-way (ROW). Baseline was set parallel to West Esplanade Avenue. (\$11,890 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Curtis "Jay" Barrios Survey Crew Chief
Project Assignment:
Survey Crew Chief
Name of Firm with which associated:
 Professional Land & Hydrographic Surveying
Years experience with this Firm:
31 years (joined BFM in 1990); 31 years total (1990)
Education: Degree(s)/Year/Specialization:
<i>High School Diploma</i>
Active registration: Year first registered/discipline:
<i>American Traffic Safety Service Assn. – Traffic Flagger Transportation Work Identification Card (TWIC)</i>
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Barrios' surveying experience includes boundary, hydrographic, and topographic. He has worked on location and performed topographic surveys for a number of major projects.</p> <p>Emergency Generators for Sewer Lift Stations and Helios and West Napoleon Pump Stations, Jefferson Parish, LA. BFM prepared topographic surveys at the Helios PS and at the West Napoleon PS for the placement of emergency generators. (\$5,888 (fee); 2012)</p> <p>Lift Station D4-2 and Proposed D4-2B Surveying Services, Metairie, Jefferson Parish, LA. BFM provided boundary and topographic surveying services for the existing Lift Station, D4-2, and the proposed Lift Station, D4-2B, to be located at the corner of Olga Avenue and Howard Avenue in Metairie. BFM also provided Right-of-Way to Right-of-Way of associated streets and sites of the existing and proposed lift stations. (\$22,860 (fee); 2016)</p> <p>N-12-1 (41st & Gardere Canal) Lift Station, Jefferson Parish, LA. BFM provided boundary and topographic surveying services for the project. (\$7,048 (fee); 2016)</p> <p>Elizabeth & Utica Sewerage Lift Station, Jefferson Parish, LA. BFM executed a topographic survey for the project. (\$10,500 (fee); 2012)</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Eric Gladney
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:

7 years (joined BFM in 2014); 20 years total (2001)

Education: Degree(s)/Year/Specialization:

High School Diploma

Active registration: Year first registered/discipline:

*American Traffic Safety Service Assn. – Traffic Flagger
Norfolk Southern Roadway Worker Protection Contractor Safety Cert.
Transportation Work Identification Card (TWIC)*

Other experience and qualifications relevant to the proposed Project:

Lift Station C4-1A (N. Sibley and Boone), Metairie, Jefferson Parish, LA. BFM executed a topographic survey for the project. (\$3,660 (fee); 2017)


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

Causeway and Scott Sewer Lift Station Rehabilitation, Jefferson Parish, LA. BFM provided topographic surveying services for the project. (\$5,610 (fee); 2017)


Lift Station F1-1, Elmwood Industrial Park Subdivision, Jefferson Parish, LA. BFM's surveying services for the project involved a topographic survey of Lift Station F1-1 located at the intersection of Plantation road and Toler Street. (\$4,880 (fee); 2018)

Kennedy Heights Sewer Lift Station, Jefferson Parish, LA. BFM provided topographic surveying services for the project. (\$4,520 (fee); 2017)

TEC Professional Services Questionnaire

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

Years experience with this Firm:
<p>2 years (joined BFM in 2019); 22 years total (1999)</p>
Education: Degree(s)/Year/Specialization:
<p><i>High School Diploma</i></p>
Active registration: Year first registered/discipline:
<p><i>Transportation Work Identification Card (TWIC)</i></p>
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Patin has worked as a Survey Crew Chief and Instrumentman for 20 years for a number of southeastern Louisiana surveying firms on projects throughout the region. His work history includes supervision of field crew personnel, operation of various survey equipment (Topcon GPT, Leica GPS, Total Station, etc.), calculations, information collection, and any & 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.</p> <p>Sewer Lift Station L-11-1, Saddler Road at Westbank Expressway, Marrero, Jefferson Parish, LA. BFM provided surveying services for Sewer Lift Station L-11-1 (Saddler Road at Westbank Expressway) on the West Bank of Jefferson Parish in Marrero, a continuation of a previous surveying project. The new contract involved a boundary survey with servitude acquisition, updating the boundary and creating servitude, as provided by the client, which was used to create the final survey. (\$4,140 (fee); 2020)</p> <p>Sewer Lift Station F8-3, W. Esplanade Avenue at Houma Boulevard, Metairie, Jefferson Parish, LA. BFM's services involved a boundary survey with servitude acquisition (updating boundary and creating servitude, which was provided by the client and utilized to create the final survey). The project was located on the East Bank of Jefferson Parish in the Dreyfous Tract region. (\$2,970 (fee); 2021)</p> <p>River to Lake Bike Path, Monticello Canal & Dankin Street, Jefferson and Orleans Parish Line, LA. BFM executed a topographic survey of the Bike Path along Jefferson/Orleans Parish Line, north of Airline Drive to River Road at the Monticello Canal and Dakin Streets. (\$108,000 (fee); 2019)</p>

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:
 BFM CORPORATION, LLC Professional Land & Hydrographic Surveying
Years experience with this Firm:
10 years (joined BFM in 2011); 30 years total (1992)
Education: Degree(s)/Year/Specialization:
<i>Coursework - CAD, Avatech Solutions, Los Colinas, TX</i>
Active registration: Year first registered/discipline:
NA
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Watson has experience as a draftsman/CADD technician, having started his career as an intern with the Surveying Department of the City of Plano, TX. 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.</p> <p>Sewer Lift Station F8-3, W. Esplanade Avenue at Houma Boulevard, Metairie, Jefferson Parish, LA. BFM's services involved a boundary survey with servitude acquisition (updating boundary and creating servitude, which was provided by the client and utilized to create the final survey). The project was located on the East Bank of Jefferson Parish in the Dreyfous Tract region. (\$2,970 (fee); 2021)</p> <p>Rehabilitation of D8-3 Lift Station (Purdue Drive & 37th Street), Metairie, Jefferson Parish, LA. BFM provided topographic surveying services for the project. (\$11,216 (fee); 2016)</p> <p>N-12-1 (41st & Gardere Canal) Lift Station, Jefferson Parish, LA. BFM provided topographic and boundary surveying services for Lift Station N-12-1 (located at 41st Street & the Gardere Canal) in Jefferson Parish. (\$2,724 (fee); 2016)</p> <p>Causeway and Scott Sewer Lift Station Rehabilitation, Jefferson Parish, LA. BFM provided topographic surveying services for the project. (\$5,610 (fee); 2017)</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Shaun Clements
CADD Technician

Project Assignment:

CADD Technician

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

3 years (joined BFM in 2018); 6 years total (2015)

Education: Degree(s)/Year/Specialization:

Associates of Applied Sciences, 2015, Computer Drafting and Design (ITT)

Active registration: Year first registered/discipline:

NA

Other experience and qualifications relevant to the proposed Project:

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.


Lift Station F8-3, Metairie, Jefferson Parish, LA. For the project (located at West Esplanade Avenue & Houma Boulevard, in the Dreyfous Tract), BFM executed a topographic survey; scope included two TBMs (Temporary Benchmarks), three point ties, and location of improvements within limits & monuments to establish apparent rights-of-way (ROW). Baseline was set parallel to West Esplanade Avenue. (\$11,890 (fee); 2019)

Sewer Lift Station L-13-6, Ehret Road, Marrero, Jefferson Parish, LA. BFM's surveying scope involved topographic and boundary surveying services. (\$8,790 (fee); 2019)

Destrehan Lift Station Upgrades, Jefferson Parish, LA. BFM provided a full boundary survey update of the 2700 Destrehan Lift Station Upgrade project; the scope included establishing two TBMs (Temporary Benchmarks) on or near the project site and location of existing improvements within the designated Limits of Survey. This also included location of visible above-ground utilities and those underground utilities with visible surface evidence. (SCIP Project Number:D3564) (\$5,750 (fee); 2019)

5th & 9th Sewer Lift Station Upgrades, Harvey, Jefferson Parish, LA. BFM's scope involved a topographic survey of the project site, located at the intersection of 5th Avenue & 9th Street. Cross sections were taken on a 25 ft grid within limits. (\$6,790 (fee); 2019)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
<p>Kevin A. Roberts CADD Technician</p>
Project Assignment:
<p>CADD Technician</p>
Name of Firm with which associated:
 <p>BFM CORPORATION, LLC Professional Land & Hydrographic Surveying</p>
Years experience with this Firm:
<p>3 years (joined BFM in 2018); 36 years total (1985)</p>
Education: Degree(s)/Year/Specialization:
<p>A.D., 1999, Drafting & Design, Louisiana Technical College <i>Coursework, 1994-1997, Nunez Community College</i> <i>Coursework, 1984-1988, Delgado Community College</i> <i>Coursework, 1982-1983, University of New Orleans</i></p>
Active registration: Year first registered/discipline:
<p>NA</p>
Other experience and qualifications relevant to the proposed Project:
<p>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.</p> <p>Lift Station F8-3, Metairie, Jefferson Parish, LA. For the project (located at West Esplanade Avenue & Houma Boulevard, in the Dreyfous Tract), BFM executed a topographic survey; scope included two TBMs (Temporary Benchmarks), three point ties, and location of improvements within limits & monuments to establish apparent rights-of-way (ROW). Baseline was set parallel to West Esplanade Avenue. (\$11,890 (fee); 2019)</p> <p>Destrehan Lift Station Upgrades, Jefferson Parish, LA. BFM provided a full boundary survey update of the 2700 Destrehan Lift Station Upgrade project; the scope included establishing two TBMs (Temporary Benchmarks) on or near the project site and location of existing improvements within the designated Limits of Survey. This also included location of visible above-ground utilities and those underground utilities with visible surface evidence. (SCIP Project Number:D3564) (\$5,750 (fee); 2019)</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Dawn Hoffman
Researcher/Archivist

Project Assignment:

Researcher/Archivist

Name of Firm with which associated:

BFM CORPORATION, LLC
Professional Land & Hydrographic Surveying

Years experience with this Firm:

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:

Lift Station F8-3, Metairie, Jefferson Parish, LA. For the project (located at West Esplanade Avenue & Houma Boulevard, in the Dreyfous Tract), BFM executed a topographic survey; scope included two TBMs (Temporary Benchmarks), three point ties, and location of improvements within limits & monuments to establish apparent rights-of-way (ROW). Baseline was set parallel to West Esplanade Avenue. (\$11,890 (fee); 2019)

Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, LA. BFM prepared a Route Topographic Survey of the project site in Harahan, which included portions of Wilson Street and Grove Avenue. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work. (\$24,190 (fee); 2018)

Destrehan Lift Station Upgrades, Jefferson Parish, LA. BFM provided a full boundary survey update of the 2700 Destrehan Lift Station Upgrade project; the scope included establishing two TBMs (Temporary Benchmarks) on or near the project site and location of existing improvements within the designated Limits of Survey. This also included location of visible above-ground utilities and those underground utilities with visible surface evidence. (SCIP Project Number:D3564) (\$5,750 (fee); 2019)

Sewer Lift Station L-13-6, Ehret Road, Marrero, Jefferson Parish, LA. BFM's surveying scope involved topographic and boundary surveying services. (\$8,790 (fee); 2019)

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:	
Sewer Lift Station L-11-1, Saddler Road at Westbank Expressway, Marrero, Jefferson Parish, Louisiana Richard C Lambert, Consulting Engineers 900 W Causeway Approach Mandeville LA 70471 Franz J. Zemmer, P.E., 985-727-4440 fzemmer@rclconsultants.com		BFM provided surveying services for Sewer Lift Station L-11-1 (Saddler Road at Westbank Expressway) on the West Bank of Jefferson Parish in Marrero, a continuation of a previous surveying project. The new contract involved a boundary survey with servitude acquisition, updating the boundary and creating servitude, as provided by the client, which was used to create the final survey.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2021 02 (FEB)		N/A	\$4,140 (fee)

PROJECT NO. 2

Project Name, Location, and Owner's Contact Information:		Nature of Firm's Responsibility:	
Lift Station No. 6 Improvements, City of Harahan, Jefferson Parish, Louisiana AIMS Group, Inc. 4421 Zenith Street Metairie LA 70001 Harold J. DeLeo, 504-887-7045		BFM prepared a Route Topographic Survey of the project site in Harahan, which included portions of Wilson Street and Grove Avenue. The full scope plan & profile included all services, utilities, properties, elevations and items necessary to perform any and all engineering and construction work.	
Completion Date (Actual or estimated):		Estimated Cost:	
		Entire Project:	Work for which Firm was Responsible:
2018 04 (APR)		N/A	\$24,190 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Sewer Lift Station F8-3, W. Esplanade Avenue at Houma Blvd., Metairie, Jefferson Parish, Louisiana</p> <p>Richard C Lambert, Consulting Engineers 900 W Causeway Approach Mandeville LA 70471</p> <p>Franz J. Zemmer, P.E., 985-727-4440 fzemmer@rclconsultants.com</p>	<p>BFM's services involved a boundary survey with servitude acquisition (updating boundary and creating servitude, which was provided by the client and utilized to create the final survey). The project was located on the East Bank of Jefferson Parish in the Dreyfous Tract region.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021 01 (JAN)	N/A	\$2,970 (fee)

PROJECT NO. 4		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Destrehan Lift Station Upgrades, Jefferson Parish, Louisiana</p> <p>Principal Engineering 1011 N Causeway Blvd Suite 19 Mandeville LA 70471</p> <p>Henry I. DiFranco Jr. P.E., 985-624-5001 henry@pi-aec.com</p>	<p>BFM provided a full boundary survey update of the 2700 Destrehan Lift Station Upgrade project; the scope included establishing two TBMs (Temporary Benchmarks) on or near the project site and location of existing improvements within the designated Limits of Survey. This also included location of visible above-ground utilities and those underground utilities with visible surface evidence.</p> <p>(Lot S-2; Harvey Canal Property, portion of T-14-S, R-23 & 24-E, Plan of a Resubdivision of Parcel S-1 Into Lots S-2, S-3, and S-4 from 1982). (SCIP Project Number:D3564)</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 08 (AUG)	N/A	\$5,750 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Destrehan Lift Station Upgrades, Jefferson Parish, Louisiana Principal Engineering 1011 N Causeway Blvd Suite 19 Mandeville LA 70471 Henry DiFranco, 985-624-5001 henry@pi-aec.com	BFM provided a full boundary survey update of the 2700 Destrehan Lift Station Upgrade project. (Lot S-2; Harvey Canal Property, portion of T-14-S, R-23 & 24-E, Plan of a Resubdivision of Parcel S-1 Into Lots S-2, S-3, and S-4 from 1982). (SCIP Project Number:D3564)	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 08 (AUG)	N/A	\$11,710 (fee)

PROJECT NO. 6		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Sewer Lift Station L-13-6, Ehret Road, Marrero, Jefferson Parish, Louisiana H. Davis Cole & Associates, Inc. 1340 Poydras Street Suite 1850 New Orleans LA 70112 David Martin, P.E., 504-836-2020	BFM's surveying scope involved topographic and boundary surveying services.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 02 (FEB)	N/A	\$8,790 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
Lift Station F8-3, Metairie, Jefferson Parish, Louisiana Richard C Lambert, Consulting Engineers 900 W Causeway Approach Mandeville LA 70471 Franz J. Zemmer, P.E., 985-727-4440 fzemmer@rclconsultants.com	For the project (located at West Esplanade Avenue & Houma Boulevard, in the Dreyfous Tract), BFM executed a topographic survey; scope included two TBMs (Temporary Benchmarks), three point ties, and location of improvements within limits & monuments to establish apparent rights-of-way (ROW). Baseline was set parallel to West Esplanade Avenue.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 10 (OCT)	N/A	\$11,890 (fee)

PROJECT NO. 8		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
5th & 9th Sewer Lift Station Upgrades, Harvey, Jefferson Parish, Louisiana Professional Engineering & Environmental Consultants (PEEC), Inc. 1065 Muller Parkway, Suite B Westwego LA 70094 Jeff Meyers, 504-347-1900	BFM's scope involved a topographic survey of the project site, located at the intersection of 5th Avenue & 9th Street. Cross sections were taken on a 25 ft grid within limits.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019 01 (JAN)	N/A	\$6,790 (fee)

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Lift Station D4-2 and Proposed D4-2B Surveying Services, Metairie, Jefferson Parish, Louisiana</p> <p>Principal Engineering 1011 N. Causeway Blvd Suite 19 Mandeville LA 70471</p> <p>Courtney I. Dickerson, P.E., 985-624-5001 courtney@pi-aec.com</p>	<p>BFM provided boundary and topographic surveying services for the existing Lift Station, D4-2, and the proposed Lift Station, D4-2B, to be located at the corner of Olga Avenue and Howard Avenue in Metairie. BFM also provided Right-of-Way to Right-of-Way of associated streets and sites of the existing and proposed lift stations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016 10 (OCT)	N/A	\$22,860 (fee)

PROJECT NO. 10		
Project Name, Location, and Owner's Contact Information:	Nature of Firm's Responsibility:	
<p>Route Topographic (including Lift Station/Force Main) Surveying Services, Jefferson Parish, Louisiana</p> <p>Linfield, Hunter & Junius, Inc. 3608 18th Street, Suite 200 Metairie LA 70002</p> <p>Sergio Girau, 504-833-5300 lhj@lhjunius.com</p>	<p>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.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2016 12 (DEC)	N/A	\$20,000 (fee)

TEC Professional Services Questionnaire

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

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

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

BFM CORPORATION, LLC

Professional Land & Hydrographic Surveying

PROFESSIONAL TRAINING AND EXPERIENCE

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

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

Our capabilities include the following and more:

- **Topographic Surveys** (*determine relative positions & elevations of natural & man-made features*)
- **Drone Surveying** (*detailed multi-acre data-capturing surveying*)
- **Bathymetric / Hydrographic Surveys** (*determine shoreline and depths of bodies of water*)

TEC Professional Services Questionnaire

N. continued.

- **Property, Boundary, and Right-of-Way Surveys** (*preparation of Legal Descriptions, property, and ROW maps to define project boundaries and for acquisition of property*)
- **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.

When needed, 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.

TEC Professional Services Questionnaire

N. continued.

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.

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.

WORKLOAD & ABILITY TO MEET PROJECT DEADLINES

BFM has the manpower and equipment to execute any surveying task within the reasonable time set forth by the contract or project engineer. 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. Our workload and scheduling, and proximity to the project site, will allow for quick assignment of personnel to any directed project.

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.

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.

LITIGATION STATEMENT

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

TEC Professional Services Questionnaire

N. continued.

PAST PERFORMANCE ON PUBLIC CONTRACTS / REFERENCES

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

- **Mark R. Drewes, P.E.**, Director, Jefferson Parish Public Works Department (504-736-6783 | JPPW@jeffparish.net)
- **Neil Schneider, CCM, P.E.**, Director, Capital Projects, Jefferson Parish Public Works Department (504-736-6783 | JPPW@jeffparish.net)
- **Tom Schreiner**, Deputy CAO, Public Works & Capital Projects, City of Kenner (504-468-7515 | tschreiner@kenner.la.us)
- **Angela DeSoto, P.E.**, Director of Engineering, Jefferson Parish (504-736-6511 | ADeSoto@jeffparish.net)
- **Sid Trouard, P.E.**, Program Manager, Jefferson Parish Sewerage Capital Improvement Program (504-736-6386 | STrouard@jeffparish.net)
- **Greg Cromer**, Mayor, City of Slidell (985-646-4333 | gcromer@cityofslidell.org)

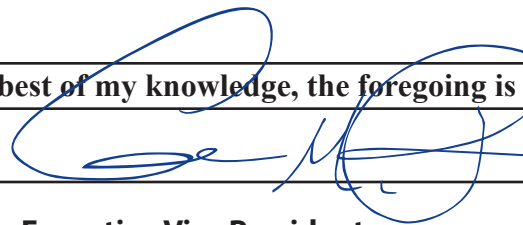
Our professional work history is exemplary. We strive to provide on-time and technically thorough project deliverables at the budget set by our clients.

OWNERSHIP

BFM Corporation, LLC is majority woman-owned by Cassandra Poché (51%). Chad M. Poché, P.E., Executive Vice President holds 40% and Ralph P. Fontcuberta, Jr., PLS, Executive Vice President and company co-founder, has 9%.

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:

May 5, 2021

Response to:

Resolution #137449

**SOQ #21-008 - Provide Professional Engineering Services
for the Transcontinental & Belle Lift Station (E8-1)**

May 26, 2021

Submitted by:



**101 Teal Street
St. Rose, LA 70087
Phone: (504) 835-2593**

**Federal Tax ID Number
59-2984496**

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	<u>24</u> Drillers/ Lab Techs	<input type="checkbox"/> TOTAL

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

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

TEC Professional Services Questionnaire

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

1.

2.

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

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

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

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

--

Project Assignment:

--

Name of Firm with which associated:

--

Years' experience with this Firm:

--

Education: Degree(s)/Year/Specialization:

--

Active registration: Year first registered/discipline:

--

Other experience and qualifications relevant to the proposed Project:

--

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title: Sheila Cunningham
Project Assignment: Laboratory Supervisor
Name of Firm with which associated: Ardaman & Associates, Inc.
Years' experience with this Firm: 22
Education: Degree(s)/Year/Specialization: Attended Delgado Community College
Active registration: Year first registered/discipline: 2010 / NICET / Generalist, Soils, Laboratory, No. 130963
Other experience and qualifications relevant to the proposed Project: -SLFPA-E 40 Arpent Levee Certification Field Exploration / Orleans & St. Bernard Parishes, LA: Laboratory Supervisor. Ms. Cunningham performs laboratory tests and supervises laboratory technicians performing geotechnical laboratory testing for the levee certification project that includes approximately 22 miles of levee. Cost: \$1m -SLFPA-E Maxent Levee Certification Field Exploration / Orleans & St. Bernard Parishes, LA: Laboratory Supervisor. Ms. Cunningham performs laboratory tests and supervises laboratory technicians performing geotechnical laboratory testing for the levee certification project that includes approximately 5 miles of levee. Cost: \$300k -South Lafourche Levee District, Section D-North Levee Improvement, Lafourche Parish, LA: Laboratory Supervisor. Performed geotechnical laboratory testing on 61 soil borings drilled along the levee centerline and floodside and protected side toes. The borings were performed to depths of 75 to 100 feet below ground surface. Cost: \$199k

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jim Porter
Project Assignment:
Senior Driller
Name of Firm with which associated:
Ardaman & Associates, Inc.
Years' experience with this Firm:
47
Education: Degree(s)/Year/Specialization:
N/A
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>-Front Ridge Chenier Terracing / Vermillion Parish, LA: Senior Driller. Project objective is to create terracing to reduce wave fetch, reestablish emergent marsh and prevent further deterioration to the shoreline of the Front Ridge community. Mr. Porter was Sr. Driller for the geotechnical investigation which included contacting landowners and acquiring documented access permission, notification and coordination with the USACE; and utility location for the borings. He supervised and performed borings during the field investigation where Ardaman conducted 10 borings at the site to a depth of 40 feet and GPS data was collected for each boring location. Cost: \$157.5k</p> <p>-Oyster Bayou Marsh Restoration / Cameron Parish, LA: Senior Driller. Approximately 510 acres of marsh will be created and 90 acres will be nourished by hydraulically dredging material from the Gulf of Mexico and pumping it to the designated fill area. Also, approximately 14,140 LF of earthen terraces will be constructed and planted. Mr. Porter performed a total of 19 borings at the subject site, with GPS data collected at each location. Five borings were performed to a depth of 60 feet below ground surface and 14 borings were performed to a depth of 40 feet. Cost: \$259k</p>

TEC Professional Services Questionnaire

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

PROJECT NO. 1

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

PROJECT NO. 2

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

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



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

Signature: _____  _____ **Print Name:** _____

Title: _____ **Date:** _____