

## TEC Professional Services Questionnaire

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

**Routine Engineering Services for Sewer Projects in Jefferson Parish for a Two-Year Period  
SOQ #22-010  
Resolution No. 138812**

**B. Firm Name & Address:**

**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  
504-885-9892  
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.**

**David H. Dupre, P.E., Vice President (License No. 23422)  
4937 Hearst Street, Suite 1B  
Metairie, LA 70001  
504-885-9892  
[ddupre@meyer-e-l.com](mailto:ddupre@meyer-e-l.com)**

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

<u>2</u> Administrative	– Estimators	<u>1</u> Specification Writers
<u>5</u> Architects (Licensed)	– Geologists	– Structural Engineers
– Chemical Engineers	– Geotechnical Engineers	<u>1</u> 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		
		<b><u>61</u> TOTAL</b>

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

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

## TEC Professional Services Questionnaire

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

1. 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. NOTE: Meyer Engineers, Ltd. will employ sub-consultants such as Geotechnical Engineers, Land Surveyors, and Testing Laboratories on an as needed basis for specialized tasks.		
2.		
3.		
4.		

**J. Please specify the total number of support personnel that may assist in the completion of this Project:**  
5

## 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.**

<b>PROFESSIONAL IN CHARGE OF PROJECT</b>	
Name & Title:	<b>Jitendra C. Shah, P.E., Vice President</b>
Project Assignment:	<b>Project Manager</b>
Name of Firm with which associated:	<b>Meyer Engineers, Ltd.</b>
Years' Experience with this Firm:	<b>35</b>
Education: Degree(s)/Year/Specialization:	<b>B.S. Civil Engineering 1973 M.S. Civil Engineering 1975</b>
Active Registration: Year first registered/discipline:	<b>1981/Civil Engineering/LA License #19551</b>
<b>Other experience and qualifications relevant to the proposed project:</b>	
<p>Jitendra C. Shah has over forty-seven (47) years of Civil Engineering experience and is involved in all aspects of administering engineering projects which include client contact, cost estimates, design, construction administration, contract closeout, and preparation of reports and plans and specifications. Mr. Shah participates in most facets of Civil Engineering Design including structural, drainage, sanitary and storm sewerage, water, roads and bridges, water and sewerage treatment plants, green infrastructure, drainage and sewerage pump stations, and airport designs. As Vice President, Mr. Shah is responsible for Quality Control Peer Review for Meyer's engineering projects and has managed projects excess of \$50 Million. Mr. Shah has completed many significant street, drainage and wastewater projects for N.O. Department of Public Works, N.O. Sewerage &amp; Water Board, LA DOTD, Jefferson Parish, and other municipalities in the Metropolitan area. Mr. Shah's professional affiliations include membership in American Society of Civil Engineers (ASCE), Associate Member of the Institute of Transportation Engineers (ITE), Society of American Military Engineers (SAME), and American Concrete Institute (ACI).</p> <p><b><u>Bridge City Mini System Report, Jefferson Parish</u></b> Project Engineer on the Bridge City Mini System Report Project which included the preparation of a Preliminary Design Report to meet the requirements of the Jefferson Parish Sewerage Department for the rehabilitation or replacement of seventeen (17) existing pump stations, and associated sewer force or gravity mains.</p> <p><b><u>Lafitte and Barataria Sewerage Collection System, Jefferson Parish</u></b> Designed sewerage collection systems in Lafitte and Barataria. Design consisted of calculating flows and sizing lift stations, force mains and gravity lines. Jitendra Shah 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> <p><b><u>Marrero Wastewater Treatment Plant, Jefferson Parish</u></b> Project Engineer for the design and rehabilitation of two (2) 115' diameter primary clarifiers and two (2) 95' diameter secondary clarifiers, including the replacement and upgrade of all exterior electrical conduits, wiring, switches and outdoor lighting directly associated with the splitter box site. Design for the clarifier pump station includes the installation of three (3) 4" chopper pumps and one (1) 4" in-pipeline grinder as well as associated controls and timers and includes for the two (2) primary clarifiers that will require complete rehabilitation to include the cleaning, inspection, repair and coating of the concrete tank. Design also includes the replacement and upgrade of all interior and attached exterior electrical conduits, wiring, switches and explosion proof lighting.</p> <p><b><u>Dravo/Munster Upgrades, St. Bernard Parish</u></b> Project Engineer for the Dravo Pump Station and Munster Wastewater Treatment Plant. Dravo Pump Station has three (3) 250 HP pumps. The construction involves removal of one (1) 250 HP pump and installation of two (2) 500 HP pumps. The scope of work includes installation of associated piping, electrical and instrumentation. This will provide additional capacity to the pump station to compensate for Parish growth since Hurricane Katrina. Muster Wastewater Treatment Plant construction involves adding one (1) new clarifier, one (1) new RAS pump, and one (1) effluent pump to the existing treatment plant. The scope of work includes installation of associated piping, electrical work and instrumentation. This will provide additional capacity to the wastewater treatment plant to compensate for Parish growth since Hurricane Katrina.</p> <p><b><u>Sewer System Evaluation and Rehabilitation Program projects:</u></b> Project Engineer for the Sewer System Evaluation and Rehabilitation Projects for the N. O. Sewerage &amp; Water Board. All projects consist of providing engineering services for upgrading the Sewerage and Water Board Sewer Pump Stations, including preparing a Preliminary Design Report, construction documents and providing services during bidding and construction. The design is in accordance with Sewerage and Water Board standards and Sewer System Evaluation and Rehabilitation Program (SSERP).</p>	



## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	<b>Donovan P. Duffy, P.E., Civil Engineer</b>
Project Assignment:	<b>Civil Engineer</b>
Name of Firm with which associated:	<b>Meyer Engineers, Ltd.</b>
Years' Experience with this Firm:	<b>6</b>
Education: Degree(s)/Year/Specialization:	<b>B.S. Civil Engineering 2013</b>
Active Registration: Year first registered/discipline:	<b>2017/Civil Engineering/LA License #41844; TX License #41844; FL License #85196, USVI License #0-41921-1B</b>



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

Donovan Duffy has over nine (9) 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 water management and drainage design, including hydraulic impact analysis. He is also involved in many fields of civil engineering design including roads, drainage, sanitary sewer: collection, lift stations, force mains and treatment systems, 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. Mr. Duffy 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".

#### **First Camellia, Second Camellia, and W. Camellia Sewer Lift Station Upgrades, City of Slidell**

Project Engineer for the **upgrade of the First Camellia, Second Camellia, and West Camellia sewer lift stations**. The work shall include installation of new wet wells, two (2) new submersible pumps with rails at each lift station, new elevated controls, new valves, pressure gauges, ultrasonic level controls, new 6-ft. chain link fence and gate, new LED lighting, site restoration and sodding. Construction Cost: \$1M (EST)

#### **West Bank Sewer Master Plan, St. Charles Parish**

Project Engineer for the completion of a Master Plan for the West Bank of St. Charles Parish. The project area includes **all sanitary sewer** which is treated at the Hahnville Treatment Facility which includes the following:

- ✿ 5,000 acres
- ✿ 103 Sewer Lift Stations
- ✿ 298,000' of Force Mains
- ✿ 380,000' of Gravity Sanitary Sewer Lines
- ✿ 1,500 Sewer Manholes

#### **US 190 Sewer Lift Station Upgrade, Covington**

Project Engineer completing the design of the **upgrade to the US 190 sewer lift station**. The project consists of adding a new wet well adjacent to the existing wet well at the existing sewer lift station near the intersection of US 190 and Oak Alley Boulevard.

#### **US 190 Sewer Force Main Upgrade, Covington**

Project Engineer for the US 190 sewer force main upgrades which consists of **installation of approximately 3,600' of new 16" HDPE DR 11 force main from the US 190 lift station to the sewer treatment plant**. The force main will follow the route of the existing 10" force main, which will be left in place as a backup for the newly installed force main. The force main will be installed using a combination of directional drilling and open cut. The project also includes upsizing piping at the US 190 lift station from 8" to 10" with all new valves. Per the City of Covington's request, the force main will be discharged into new static screens, which will be installed on the southeast corner of the sewer pond. Construction Cost: \$919K (EST)

#### **St. James Parish Westbank Sewer Treatment Facility, St. James Parish**

Project Engineer for the design of a **package treatment plant, which will discharge approximately 25,000 GPD treated sewerage effluent** into the Vacherie Canal. Meyer design the rotating screen for pre-screening of the wastewater prior to entering the package plant. Construction Cost: \$680K

## TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT	
Name & Title:	<b>Richard C. Meyer, P.E., President</b>
Project Assignment:	<b>Principal In Charge</b>
Name of Firm with which associated:	<b>Meyer Engineers, Ltd.</b>
Years Experience with this Firm:	<b>40</b>
Education: Degree(s)/Year/Specialization:	<b>B.S. Civil Engineering 1980</b>
Active Registration: Year first registered/discipline:	<b>1988 /Civil Engineering/LA License #24012</b>



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

Richard C. Meyer is President of Meyer Engineers, Ltd. a New Orleans based Architectural and Engineering firm that has provided professional consultant services to the New Orleans area for over forty (40) years. Mr. Meyer has forty (40) years of relevant experience; including overseeing architectural/engineering design, construction management and QA/QC contracts with various agencies at the Federal, State, and local levels in the Greater New Orleans Metropolitan area. Mr. Meyer is involved with all aspects of administering architectural/engineering projects including client contact, cost estimates, design, contract administration, and contract closeout. He coordinates the architectural/engineering staff and has participated in most of Civil Engineering design including structural, sanitary and storm sewerage, roads and bridges, water and airport designs.

#### **South Kenner Sewerage, Jefferson Parish**

Project Principal for the South Kenner sewerage collection system. This project consisted of a sanitary sewerage collection system; force mains and one lift station in the South Kenner Road area. The lift station includes the installation of new pumps to handle the average daily flow and installation of wet well to handle peak design flow.

#### **Sewerage Collection System, Town of Jean Lafitte, Jefferson Parish**

Project Principal for the \$23 million dollar sewerage collection system for the Town of Jean Lafitte. Included in this project were gravity mains, force mains, and pumping stations. This project demanded coordination with the Corp of Engineers and DOTD as well as coordinating the work of four separate engineering firms. Richard C. Meyer 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.

#### **Lafitte and Barataria Sewerage Collection System, Jefferson Parish**

Designed **sewerage** collection systems in Lafitte and Barataria. Design consisted of calculating flows and sizing lift stations, force mains and gravity lines. Richard C. Meyer 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.

#### **Waggaman Sanitary Sewer Collection System, Jefferson Parish**

Served a vital role in the sanitary **sewerage** collection system located in Waggaman. This project required coordination with the Corps of Engineers, DOTD and Southern Pacific Railroad. The project included installation of pipeline crossing the Southern Pacific Railroad, as well as a pump station and grinder pumps.

#### **Sports Complex -Sewer and Water Improvements, Jefferson Parish**

Project Principal for the Sports Complex - Sewer and Water Improvements Project that included the construction of an approximately 6,900-foot long 8-inch water main with fire hydrants and valves. The sewer system included construction of a 4,900 foot long 12 inch force main, 2,500 foot long 6 inch force main, 4,300 foot long 4 inch force main, 1,600 foot long gravity main, one duplex lift station with prime centrifugal pumps, one triplex lift station with vertical centrifugal pumps and modification to an existing duplex lift station.

#### **North Causeway-LA 22 Sewer Improvements, St. Tammany Parish**

Project Principal for the North Causeway LA 22 Sewer Improvements Project in St. Tammany Parish. The project consisted of the installation of a sewer system at the northwest corner of Highway 22 and North Causeway Approach intersection. Work includes a gravity sewer main and manholes. Sewer main to run from existing Manhole No. 3 to proposed Manhole No. 2. Also from existing Manhole No. 4 to proposed Manhole No. 6.

#### **N.O. Sewerage & Water Board (CBD) Sewer Rehabilitation, Orleans Parish**

Project Principal for the New Orleans Sewerage & Water Board (CBD) Sewer Rehabilitation Project The project included the rehabilitation of sewer facilities in the Central Business District/French Quarter service area basin. Work included sewer line cleaning, rehabilitation of 235 manholes and sewer line rehabilitation.

## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT</b>	
Name & Title:	<b>David H. Dupré, P.E., Vice President</b>
Project Assignment:	<b>Civil Engineer</b>
Name of Firm with which associated:	<b>Meyer Engineers, Ltd.</b>
Years' Experience with this Firm:	<b>32</b>
Education: Degree(s)/Year/Specialization:	<b>B.S. Civil Engineering 1984</b>
Active Registration: Year first registered/discipline:	<b>1989/Civil Engineering/LA License #23422</b>
<b>Other experience and qualifications relevant to the proposed project:</b>	
<p>David H. Dupré has over thirty-five (35) years of experience in Civil and Structural Engineering, Project Management and Construction Management. He is involved with all aspects of administering engineering projects which include client contact, cost estimates, design plans and specification, construction administration, and preparation of reports. He participates in most facets of Civil Engineering design including roads, bridges, drainage, <i>sanitary sewer</i>, water, and environmental. He specializes in Project Management and Infrastructure Design. Mr. Dupre is the Treasurer/Secretary on the State Board American Council of Engineering Companies (ACEC). He was also the former New Orleans Chapter President. In 2016, Mr. Dupre was honored in receiving the Outstanding Civil Engineer award from the New Orleans Branch of the American Society of Civil Engineers (ASCE). Mr. Dupre is also a member of SAME, ASCE, APWA, CMAA and LES.</p> <p><b><u>Lafitte and Barataria Sewerage Collection System, Jefferson Parish</u></b> Participated in the <i>design of sewerage collection systems</i> in Lafitte and Barataria. Design consisted of calculating flows and sizing lift stations, force mains and gravity lines. David Dupre 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> <p><b><u>Zone 1 Sewerage, Jefferson Parish</u></b> Project Engineer for the Zone 1 <i>sewerage collection systems</i>. Zone 1 area included Waggaman, Modern Farms, and South Kenner. Design included sewerage collection lines, lift stations, and force mains.</p> <p><b><u>East Air Cargo Road, Jefferson Parish</u></b> <i>Designed the sewerage collection system</i> for the East Air Cargo Road for the New Orleans International Airport in Kenner, LA. Design included calculating flows and sizing of lift stations, force mains and gravity lines.</p> <p><b><u>Estelle Playground, Jefferson Parish</u></b> Project Engineer for the Estelle Playground Road Project in Jefferson Parish. The project consists of the construction of the main entrance road (+ 200') with a median and park road (+ 1050') in Estelle Playground. Work includes a DOTD Permit, drainage, a <i>sanitary sewerage gravity line</i> including a directional bore, street lights, concrete sidewalks, 12" waterline including a directional bore, and left and right turn lanes with median cut from the Leo Kerner / Lafitte Highway.</p> <p><b><u>South Kenner Sewerage, Jefferson Parish</u></b> Project Engineer for the South Kenner sewerage collection system. This project consisted of a <i>sanitary sewerage collection system</i>; force mains and one lift station in the South Kenner Road area. The lift station includes the installation of new pumps to handle the average daily flow and installation of wet well to handle peak design flow.</p> <p><b><u>Highway 190 Utility Relocation, St. Tammany Parish</u></b> Designed the relocation of utilities, including <i>sewer force mains</i>; lift stations, and water lines. These utilities were offset in anticipation of DOTD's widening of Highway 190.</p> <p><b><u>Gause Boulevard Sewer and Water Extension, St. Tammany Parish</u></b> Project Engineer of the Gause Boulevard <i>sewer</i> and water <i>extension</i>. The project included extending sanitary sewer and water lines from the existing facilities and obtaining servitude and a DOTD permit for a highway crossing. A small lift station was also included in the design.</p> <p><b><u>Fremaux Road Utility Relocation, US 190 Bus., St. Tammany Parish</u></b> Project Manager for the relocation of utilities in anticipation of DOTD's Fremaux Road widening project. Utilities relocated included <i>sewerage force mains</i> and water mains.</p>	



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT</b>	
Name & Title:	<b>Mark A. Schutt, P.E., Project Engineer</b>
Project Assignment:	<b>Civil Engineer</b>
Name of Firm with which associated:	<b>Meyer Engineers, Ltd.</b>
Years' Experience with this Firm:	<b>21</b>
Education: Degree(s)/Year/Specialization:	<b>B.S. Civil Engineering 1997 M.S. Civil Engineering 1999</b>
Active Registration: Year first registered/discipline:	<b>2003/Civil Engineering/LA License #30528</b>
<b>Other experience and qualifications relevant to the proposed project:</b>	
<p>Mark A. Schutt, P.E. has over twenty-three (23) years' experience in Civil Engineering and Structural Engineering, and Project Management. He is involved with many aspects of administering engineering projects which include client contact, cost estimates, design plans and specifications, construction administration, and preparation of reports. He participates in most facets of Civil Engineering design including roads, bridges, drainage, sanitary sewer, water, environmental, and structural. He has specialized experience in designing a variety of recreation projects to include boat launches, fishing piers, and bike paths, and has worked on several drainage and wastewater projects in the region. His professional memberships include ASCE, APWA, LES, and NSPE.</p> <p><b><u>Wastewater Collection System, Barataria-Phase I, Jefferson Parish</u></b> Participated in the Wastewater Collection System, Barataria-Phase I project. The project includes a <i>gravity sanitary sewerage collection system</i> for the lower portion of Barataria.</p> <p><b><u>Lafitte and Barataria Sewerage Collection System, Jefferson Parish</u></b> Participated in the <i>design of sewerage collection systems</i> in Lafitte and Barataria. Design consisted of calculating flows and sizing lift stations, force mains and gravity lines. The projects also required coordination with DOTD for permit acquisition, preparation of cost estimates, and coordination with consultants.</p> <p><b><u>Sports Complex-Sewer and Water Improvements, Jefferson Parish</u></b> Performed engineering services for the Sports Complex-Sewer and Water Improvements. The project includes the construction of an approximately 6,900 foot long 8 inch water main with fire hydrants and valves. The <i>sewer system</i> includes construction of a 4,900 foot long 12 inch force main, 2,500 foot long 6 inch force main, 4,300 foot long 4 inch force main, 1,600 foot long gravity main, one duplex lift station with prime centrifugal pumps, one triplex lift station with vertical centrifugal pumps and modification to an existing duplex lift station.</p> <p><b><u>Bayou Segnette Utility Extension, Jefferson Parish</u></b> Participated in the Bayou Segnette Utility Extension Project in Jefferson Parish. The project includes providing off-site utility improvements for the Bayou Segnette Multi-Use Facility in Jefferson Parish. Improvements include turning lane modifications, water and <i>sewerage extensions</i> and street lights.</p> <p><b><u>New Orleans Sewerage &amp; Water Board (CBD) Sewer Rehabilitation, Orleans Parish</u></b> Participated in the New Orleans Sewerage &amp; Water Board (CBD) Sewer Rehabilitation Project The project included the <i>rehabilitation of sewer facilities</i> in the Central Business District/French Quarter service area basin. Work included sewer line cleaning, rehabilitation of 235 manholes and sewer line rehabilitation.</p> <p><b><u>Fremaux Road Utility Relocation, US 190 Bus., St. Tammany Parish</u></b> Project Engineer for the relocation of utilities in anticipation of DOTD's Fremaux Road widening project. Utilities relocated included <i>sewerage force mains</i> and water mains.</p> <p><b><u>North Causeway LA 22 Sewer Improvements, St. Tammany Parish</u></b> Participated in the North Causeway LA 22 <i>Sewer</i> Improvements Project in St. Tammany Parish. The project consists of the <i>installation of a sewer system</i> at the northwest corner of Highway 22 and North Causeway Approach intersection. Work includes a gravity sewer main and manholes. Sewer main to run from existing Manhole No. 3 to proposed Manhole No. 2. Also from existing Manhole No. 4 to proposed Manhole No. 6. Also included was street light removal and replacement.</p>	



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT</b>	
Name & Title:	<b>Eric Colwart, P.E., Civil Engineer</b>
Project Assignment:	<b>Civil Engineer</b>
Name of Firm with which associated:	<b>Meyer Engineers, Ltd.</b>
Years' Experience with this Firm:	<b>14</b>
Education: Degree(s)/Year/Specialization:	<b>B.S. Civil Engineering 2005</b>
Active Registration: Year first registered/discipline:	<b>2011/Civil Engineering/LA License #36290</b>
<b>Other experience and qualifications relevant to the proposed project:</b>	
<p>Eric Colwart has over fourteen (14) years of 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.</p> <p>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" and the "AISC Manual of Steel Construction". Mr. Colwart's professional memberships include ASCE and SEI.</p> <p><b><u>Mandeville Effluent Pump Station, St. Tammany Parish</u></b>            Assisted with the design of a <i>new effluent pump station and UV system for the Mandeville Sewerage Treatment Plant</i>. 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><b><u>Marrero Wastewater Treatment Plant, Jefferson Parish</u></b>            Assisted with the <i>design and rehabilitation of two (2) 115' diameter primary clarifiers and two (2) 95' diameter secondary clarifiers</i>, including the replacement and upgrade of all exterior electrical conduits, wiring, switches, and outdoor lighting directly associated with the splitter box site. Design for the clarifier pump station includes the installation of three (3) 4" chopper pumps and one (1) 4" in-pipeline grinder as well as associated controls and timers and includes for the two (2) primary clarifiers that will require complete rehabilitation to include the cleaning, inspection, repair and coating of the concrete tank. Design also includes the replacement and upgrade of all interior and attached exterior electrical conduits, wiring, switches and explosion proof lighting.</p> <p><b><u>Dravo/Munster Upgrades, St. Bernard Parish</u></b>            Assisted with the design for the Dravo Pump Station and Munster Wastewater Treatment Plant. Dravo Pump Station has three (3) 250 HP pumps. The construction involves removal of one (1) 250 HP pump and installation of two (2) 500 HP pumps. The scope of work includes installation of associated piping, electrical and instrumentation. This will provide additional capacity to the pump station to compensate for Parish growth since Hurricane Katrina. Muster Wastewater Treatment Plant construction involves adding one (1) new clarifier, one (1) new RAS pump, and one (1) effluent pump to the existing treatment plant. The scope of work includes installation of associated piping, electrical work and instrumentation. This will provide additional capacity to the wastewater treatment plant to compensate for Parish growth since Hurricane Katrina.</p> <p><b><u>Water Line Replacement New Orleans Sewerage &amp; Water Board, Orleans Parish</u></b>            Assisting with the design for water line replacement for the following neighborhoods in Orleans Parish: Ninth Ward, Broadmoor, Lower Ninth Ward (North), and Lower Ninth Ward (South). The work includes replacing existing 4" and 6" C.I. pipes with 8" C-900 PVC pipes and 12" C.I. pipe with 12" C-900 PVC pipe. The fire hydrants, valves and water house connections shall be replaced in accordance with Sewerage and Water Board requirements. Construction documents will be designed and drafted in accordance with Sewerage and Water Board requirements. Included in the scope of work is coordination with the City of New Orleans Department of Public Works Consultants for Street Repair/Replacement. Construction of underground and above ground infrastructure shall be completed within the same bid documents. Meyer is coordinating with the Department of Public Works, Sewerage &amp; Water Board, and FEMA. Funding is provided through FEMA's project worksheets. Meyer is performing additional damage assessments during the construction drawing phase. Project worksheet revisions and backup data will be provided to FEMA for consideration of additional funds. Construction Cost: \$9M (EST)</p>	



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT</b>	
Name & Title:	<b>Kenneth J. Belou, P.E., Civil Engineer</b>
Project Assignment:	<b>Civil Engineer</b>
Name of Firm with which associated:	<b>Meyer Engineers, Ltd.</b>
Years' Experience with this Firm:	<b>12</b>
Education:	<b>B.S. Civil Engineering 2009</b>
Degree(s)/Year/Specialization:	<b>2009/Civil Engineering/LA License #38850</b>
Active Registration: Year first registered/discipline:	<b>2009/Civil Engineering/LA License #38850</b>
<b>Other experience and qualifications relevant to the proposed project:</b>	
<p>Kenneth J. Belou has twelve (12) years of experience in Civil Engineering and Construction Administration. He engages in numerous aspects of civil engineering for the firm including client contact, project planning and budgeting, project design, plan and specification preparation, cost estimate development, computer-aided design using AutoDesk AutoCAD and AutoDesk Civil 3D, and report preparation.</p> <p>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 is involved in many fields of civil engineering design including roads, drainage, sanitary sewer collection and treatment systems, water, environmental, recreation, and structural. Mr. Belou is a member of the American Society of Civil Engineers and a recipient of the University of New Orleans Chancellor's Award in 2009.</p> <p><b><u>St. James Parish Wetland Assimilation Plant, St. James Parish</u></b>            Assisted with the design for the St. James Parish Wetland Assimilation Plant. The project includes <b>discharging approximately 900,000 GPD treated sewerage effluent into approximately 500 acres of wetlands</b> around Vacherie. Sewerage will be pumped from the new sewerage treatment ponds via a sewer force main. As part of the project, design of the oxidation ponds and sewer force main discharge was completed. Analyses of Influent as well as potential wetland sites will be accomplished to verify that the effluent is treated appropriately prior to assimilation. An Ecological Baseline Study will be prepared prior to discharging treated effluent. The purpose of an ecological baseline study is to measure pre-project conditions against which monitoring data can be compared to after project implementation.</p> <p><b><u>New Orleans Wetland Assimilation/Marsh Creation – Design Report, Orleans Parish</u></b>            Assisted with the design for the New Orleans Wetland Assimilation/Marsh Creation project. The project consists of <b>discharging secondarily treated sewerage effluent into the Bayou Bienvenue Wetlands</b>. The project will serve two (2) main purposes: first, the wetlands will act as tertiary (final) sewerage treatment and second, the wetland will benefit/thrive on the nutrients from the sewerage effluent. Construction estimate of preferred option is \$6.8M. Future phases consist of approximately \$75 Million more in construction work.</p> <p><b><u>St. Amant High School Wastewater Treatment Plant, Ascension Parish</u></b>            Assisted with the design for the St. Amant High School Wastewater Treatment Plant project. The project consisted of construction of a modular 48,000 GPD (hydraulic flow) concrete wastewater treatment plant and a new influent lift station with two 140 GPM chopper pumps. Additionally, Meyer designed and implemented the <b>connection to the high school's existing sewer treatment system</b>. This design included the <b>construction of two additional sewer manholes and the installation of over 100 feet of sewer gravity lines</b>. Mr. Belou also assisted in coordinating with the Louisiana Department of Environmental Quality and the Department of Health and Hospitals for the sewer treatment design and assisted in obtaining permits from those agencies. Construction Cost: \$549K</p>	



## TEC Professional Services Questionnaire

<b>KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT</b>	
Name & Title:	<b>James A. Ray, Construction Administrator</b>
Project Assignment:	<b>Construction Administration</b>
Name of Firm with which associated:	<b>Meyer Engineers, Ltd.</b>
Years' Experience with this Firm:	<b>34</b>
Education: Degree(s)/Year/Specialization:	<b>B.S. Civil Engineering 1976</b>
Active Registration: Year first registered/discipline:	
<b>Other experience and qualifications relevant to the proposed project:</b>	
<p>James A. Ray has over forty-four (44) years' experience in Construction Administration. He performs Construction Administration 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>Over Mr. Ray's extensive career, he has managed the construction of hundreds of projects ranging in size from \$100,000 to over \$50 Million and has experience with LADOTD, Facility Planning &amp; Control, and multiple local Parishes and municipalities.</p> <p><b><u>Sewerage Collection System, Town of Jean Lafitte</u></b>            Construction Administrator for the <i>\$23M sewerage collection system</i> for the Town of Jean Lafitte. The project included gravity mains, force mains, and pumping stations. The project demanded coordination with the Corps of Engineers and DOTD as well as coordinating the work of four separate engineering firms. Meyer 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><b><u>North Causeway LA 22 Sewerage Improvements, St. Tammany Parish</u></b>            Construction Administrator for the North Causeway LA 22 Sewer Improvements Project in St. Tammany Parish. The project 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 gravity sewer main and manholes. The sewer main ran from existing Manhole No. 3 to proposed Manhole No. 2 and from existing Manhole No. 4 to proposed Manhole No. 6. The construction cost was \$120,000.</p> <p><b><u>South Kenner Sewerage, Jefferson Parish</u></b>            Construction Administrator for the South Kenner sewerage collection system. This project consisted of a <i>sanitary sewerage collection system</i>; force mains and one lift station in the South Kenner Road area. The lift station included the installation of new pumps to handle the average daily flow and installation of wet well to handle peak design flow.</p> <p><b><u>Dravo/Munster Upgrades, St. Bernard Parish</u></b>            Construction Administrator for the Dravo Pump Station and Munster Wastewater Treatment Plant. Dravo Pump Station has three (3) 250 HP pumps. The construction involves removal of one (1) 250 HP pump and installation of two (2) 500 HP pumps. The scope of work includes installation of associated piping, electrical and instrumentation. This will provide additional capacity to the pump station to compensate for Parish growth since Hurricane Katrina. Muster Wastewater Treatment Plant construction involves adding one (1) new clarifier, one (1) new RAS pump, and one (1) effluent pump to the existing treatment plant. The scope of work includes installation of associated piping, electrical work and instrumentation. This will provide additional capacity to the wastewater treatment plant to compensate for Parish growth since Hurricane Katrina.</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 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 & Construction Administration*

***Marrero Wastewater Treatment Plant***

Jefferson Parish, Louisiana

Jefferson Parish Sewer Capital Improvements  
1221 Elmwood Park Boulevard, Ste. 906  
Harahan, LA 70123  
Mr. Sid Trouard  
504-736-6833

Email:

[strouard@jeffparish.net](mailto:strouard@jeffparish.net)

**KEY PERSONNEL**

Richard C. Meyer, P.E.  
Jitendra C. Shah, P.E.  
James A. Ray

**HIGHLIGHTS**

-  Pump Station Rehabilitation

*Meyer Engineers, Ltd.'s (Meyer) scope of work includes the design for rehabilitation of two (2) 115' diameter primary clarifiers and two (2) 95' diameter secondary clarifiers and includes the replacement and upgrade of all exterior electrical conduits, wiring, switches and outdoor lighting directly associated with the splitter box site.*

Design for the clarifier pump station includes the installation of three (3) 4" chopper pumps and one (1) 4" in-pipeline grinder as well as associated controls and timers and includes for the two (2) primary clarifiers that will require complete rehabilitation to include the cleaning, inspection, repair and coating of the concrete tank. Meyer's design also includes the replacement and upgrade of all interior and attached exterior electrical conduits, wiring, switches and explosion proof lighting.



**Completion Date (Actual or estimated):**

**Estimated Cost:**

**Entire Project:**

**Work for which Firm was Responsible:**

2015

\$3,300,000

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;"><b><i>Dravo/Munster Upgrades</i></b> St. Bernard Parish, Louisiana</p> <p style="text-align: center;">St. Bernard Parish 8201 W. Judge Perez Chalmette, LA 70043 Mr. Donald Bourgeois 504-278-4228 Email: <a href="mailto:DBourgeois@sbpg.net">DBourgeois@sbpg.net</a></p> <p style="text-align: center;"><b>KEY PERSONNEL</b></p> <p>Richard C. Meyer, P.E. Jitendra C. Shah, P.E. Eric Colwart, P.E.</p> <p style="text-align: center;"><b>HIGHLIGHTS</b></p> <ul style="list-style-type: none"> <li>✿ Wastewater Treatment Plant Expansion</li> <li>✿ Pumps, Piping, Clarifier, Electrical Work and Instrumentation</li> </ul>	<p style="background-color: #d9ead3;"><b><i>Design &amp; Construction Administration</i></b></p> <p><i>Meyer Engineers, Ltd. (Meyer)</i> is providing engineering design and construction administration services for the Dravo <b>Pump Station</b> and Munster <b>Wastewater Treatment Plant</b> project.</p> <p><b><u>Dravo Pump Station</u></b> Dravo Pump Station has three (3) 250 HP pumps. The construction involves removal of one (1) 250 HP pump and installation of two (2) 500 HP pumps.</p> <p>The scope of work includes installation of associated piping, electrical and instrumentation. This will provide additional capacity to the pump station to compensate for Parish growth since Hurricane Katrina.</p> <p><b><u>Munster Wastewater Treatment Plant</u></b> The construction involves adding one (1) new clarifier, one (1) new RAS pump, and one (1) effluent pump to the existing treatment plant.</p> <p>The scope of work includes installation of associated piping, electrical work and instrumentation. This will provide additional capacity to the wastewater treatment plant to compensate for Parish growth since Hurricane Katrina.</p>	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2017	\$3,400,000	95%

## TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;"><b><i>St. James Parish Westbank Sewer Treatment Facility</i></b> St. James Parish, Louisiana</p> <p style="text-align: center;">St. James Parish P.O. Box 106 Convent, LA 70723 Mr. Rick Webre, Director 225-562-2261 Email: <a href="mailto:Rick.Webre@stjamesla.com">Rick.Webre@stjamesla.com</a></p> <p><b>KEY PERSONNEL</b></p> <p>Richard C. Meyer, P.E. Donovan Duffy, P.E.</p> <p><b>HIGHLIGHTS</b></p> <ul style="list-style-type: none"> <li><span style="color: green;">✿</span> Sewer Treatment Plant</li> <li><span style="color: green;">✿</span> 25,000 GPD Treated Sewer Effluent</li> </ul>	<p style="text-align: center;"><b><i>Design, Bidding &amp; Construction Administration</i></b></p> <p>The project included the <i>design of a package treatment plant</i>, which will discharge approximately 25,000 GPD treated sewerage effluent into the Vacherie Canal. Meyer designed rotating screen for pre-screening of the wastewater prior to entering the package plant. The overall design included:</p> <ul style="list-style-type: none"> <li><span style="color: green;">✿</span> Pile supported slab to support package treatment plant.</li> <li><span style="color: green;">✿</span> Packaged treatment plant to treat 25,000 GPD average daily flow, with a peak flow of 50,000 GPD.</li> <li><span style="color: green;">✿</span> Maintenance Shed (400 SF).</li> <li><span style="color: green;">✿</span> Gravel roadway from entrance gate to package plant.</li> <li><span style="color: green;">✿</span> 6' chain link fence surrounding package plant.</li> <li><span style="color: green;">✿</span> Gravity discharge into Vacherie Canal.</li> </ul> <p>Meyer also <i>coordinated with St. James Parish</i> to close out a previous LCDBG grant. The required work for this grant closeout included sewer house connections for the Moliason neighborhood and installation of pumps in the existing pump stations.</p> <div style="text-align: center;">  </div>	
	<b>Estimated Cost:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2021	\$680,000	100%

## TEC Professional Services Questionnaire

### PROJECT NO. 4

<p><b>Project Name, Location and Owner's contact information:</b></p> <p style="text-align: center;"><b><i>First Camellia, Second Camellia, and West Camellia Sewer Lift Station Upgrades</i></b>                  St. Tammany Parish, Louisiana</p> <p style="text-align: center;">City of Slidell                  P.O. Box 828                  Slidell, LA 70458                  Mr. Blaine Clancy, P.E.                  985-646-4270                  Email:  <a href="mailto:belancy@cityofslidell.org">belancy@cityofslidell.org</a></p> <p><b>KEY PERSONNEL</b></p> <p>Richard C. Meyer, P.E.                  Donovan Duffy, P.E.</p> <p><b>HIGHLIGHTS</b></p> <p> Sewer Lift Station Upgrades</p>	<p><b>Nature of Firm's Responsibility:</b></p> <p style="text-align: center;"><b><i>Design, Bidding and Construction Administration</i></b></p> <p>The project consists of <i>upgrades to the</i> First Camellia (PS 510), Second Camellia (PS 511) and West Camellia (PS 512) <i>sewer lift stations</i>. This project is to be funded by the LDEQ Clean Water State Revolving Fund.</p> <p><i>Upgrades to the lift stations</i> include:</p> <ul style="list-style-type: none"> <li> Install new wet wells and submersible pumps with above ground piping.</li> <li> Tie-in existing manhole to wet well.</li> <li> New control panels and platforms elevated one foot about BFE.</li> <li> New concrete top slab with hatches.</li> <li> New 6-ft. chain link fence and gate with hunter green privacy slats</li> <li> New power pole and LED site lighting.</li> </ul> <p>Design of the upgrades includes the following unique design criteria and challenges:</p> <ul style="list-style-type: none"> <li> Pump drawdown tests to determine actual flow rate of existing lift stations.</li> <li> Connection of existing manholes and new wet well, while maintaining service to the customers.</li> <li> 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.</li> </ul> <div style="text-align: center;"> </div>					
<p><b>Completion Date (Actual or estimated):</b></p> <p style="text-align: center;">On-Going</p>	<p><b>Estimated Cost:</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>Entire Project:</b></td> <td style="width: 50%; text-align: center;"><b>Work for which Firm was Responsible:</b></td> </tr> <tr> <td style="text-align: center;">\$1,048,333</td> <td style="text-align: center;">100%</td> </tr> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	\$1,048,333	100%
<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>					
\$1,048,333	100%					



## TEC Professional Services Questionnaire

<b>PROJECT NO. 6</b>		
<b>Project Name, Location and Owner's contact information:</b>	<b>Nature of Firm's Responsibility:</b>	
<p style="text-align: center;"><b><i>West Bank Sewer Master Plan</i></b> St. Charles Parish</p> <p style="text-align: center;">St. Charles Parish Public Works and Wastewater Office 100 River Oaks Destrehan, LA 70047 Mr. David deGeneres 985-783-5100 Email: <a href="mailto:ddegeneres@stcharlesgov.net">ddegeneres@stcharlesgov.net</a></p> <p style="text-align: center;"><b>KEY PERSONNEL</b></p> <p style="text-align: center;">Richard C. Meyer, P.E. Donovan Duffy, P.E.</p> <p style="text-align: center;"><b>HIGHLIGHTS</b></p> <ul style="list-style-type: none"> <li><span style="color: green;">✿</span> Sewer Master Plan</li> <li><span style="color: green;">✿</span> Sewer Modeling</li> </ul>	<p style="text-align: center;"><b><i>Design, Bidding and Construction Administration</i></b></p> <p>The project consists of <b>completion of a sewer master plan for the</b> West Bank of St. Charles Parish. The project area includes all sanitary sewer which is treated at the Hahnville Treatment Facility, which approximately includes the following:</p> <ul style="list-style-type: none"> <li><span style="color: green;">✿</span> 5,000 acres</li> <li><span style="color: green;">✿</span> 103 Sewer Lift Stations</li> <li><span style="color: green;">✿</span> 298,000' of Force Mains</li> <li><span style="color: green;">✿</span> 380,000' of Gravity Sanitary Sewer Lines</li> <li><span style="color: green;">✿</span> 1,500 Sewer Manholes</li> </ul> <p>The scope consists of the following:</p> <ul style="list-style-type: none"> <li><span style="color: green;">✿</span> Identify and prioritize capital improvements to address capacity limitations through system upgrades or rehabilitation projects to address infiltration and inflow (I/I).</li> <li><span style="color: green;">✿</span> Identify and prioritize capital improvements required at the lift stations and treatment plants to handle the current, 5-year and 20-year expected flows. (Preliminary Results to be validated in future phases of contract.)</li> </ul> <p>In the first phase of the project, Meyer Engineers, Ltd. (Meyer) assessed 103 lift stations to determine their condition and current capacity through draw down tests. Utilizing the draw down tests and the existing SCADA flow data, Meyer was able to identify the key lift stations that required additional flow monitoring. Meyer is currently utilizing the flow data provided by St. Charles Parish and the third party flow monitoring company to identify the areas of severe <b><i>infiltration and inflow</i></b>.</p> <p>Meyer utilized <b><i>Bentley SewerGems</i></b> software to model the existing and proposed flows in the sewer system. From this data Meyer was able to make recommendations for both immediate improvements and future capacity limitations.</p>	
	<p><b>Hahnville Sewer Treatment Facility</b></p>	
<b>Completion Date (Actual or estimated):</b>	<b>Estimated Cost:</b>	
	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
On-Going	N/A	100%

## TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b><i>US 190 Pump Station Force Main Upgrade</i></b> Covington, Louisiana</p> <p>City of Covington 317 N. Jefferson Avenue Covington, LA 70433 Ms. Callie Baker 985-892-1811 Email: <a href="mailto:cbaker@covla.com">cbaker@covla.com</a></p> <p><b>KEY PERSONNEL</b></p> <p>Richard C. Meyer, P.E. Donovan Duffy, P.E.</p> <p><b>HIGHLIGHTS</b></p> <ul style="list-style-type: none"> <li> Sewer Force Main Upgrade</li> <li> Piping and Valves</li> </ul>	<p style="text-align: center;"><b><i>Design, Bidding and Construction Administration</i></b></p> <p>Project includes preparing plans and specifications for bidding of the <b><i>installation of approximately 3,600' of a new 16" HDPE DR 11 force main from the US 190 lift station to the sewer treatment plant</i></b> in Covington, Louisiana.</p> <p>The force main will follow the route of the existing 10" force main, which will be left in place as a backup for the newly installed force main. The force main will be installed using a combination of directional drilling and open cut. The project also includes the upsizing of piping at the US 190 lift station from 8" to 10" with all new valves. Force main and piping sizes shall follow the recommendations from PEC's U.S. 190 Lift Station and Sewer Force Main Capacity Study.</p> <p>Per the City of Covington's request, the force main will be discharged into new static screens, which will be installed on the southeast corner of the sewer pond.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
On-Going	\$919,000	100%

## TEC Professional Services Questionnaire

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;"><b>Westwego Water &amp; Sewer Analysis</b> Jefferson Parish, Louisiana</p> <p style="text-align: center;">City of Westwego 419 Avenue "A" Westwego, LA 70094 Mayor Robert Billiot 504-347-5745 Email: <a href="mailto:mayor@cityofwestwego.com">mayor@cityofwestwego.com</a></p> <p style="text-align: center;"><b>KEY PERSONNEL</b></p> <p>Richard C. Meyer, P.E. Jitendra C. Shah, P.E.</p> <p style="text-align: center;"><b>HIGHLIGHTS</b></p> <ul style="list-style-type: none"> <li><span style="color: green;">✿</span> Water Plant Upgrades</li> <li><span style="color: green;">✿</span> Sewer Plant Upgrades</li> </ul>	<p style="text-align: center;"><b>Design</b></p> <p>The project consisted of preparation of a report containing a <b>water and sewer analysis</b> to upgrade and repair the water and sewer infrastructure for hurricane protection for the City of Westwego.</p> <p>The project scope included conducting several meetings with City of Westwego Officials and performing various site visits.</p> <p>Water plant upgrades included additional clarifier and filter, renovating three existing clarifiers, replacing intake pumps, evaluating screens, replacing water line, improving and adding pit pumps, replacing lead lines, new booster pump, new meters, and locating leaks in the water line.</p> <p><b>Sewer plant upgrades</b> included adding rotostrainer, replacing aeration system with bubbler system, new generators, electrical work, and adding a security gate. Upgrades also included new generators at 11 lift stations, three drywell lift stations, adjusting electrical control panels, adding pumps and locating leakage and infiltration in gravity sewer mains.</p>	
		
	Estimated Cost:	
Completion Date (Actual or estimated):	Entire Project:	Work for which Firm was Responsible:
2006	\$1,700,000	100%

## TEC Professional Services Questionnaire

### PROJECT NO. 9

<p><b>Project Name, Location and Owner's contact information:</b></p> <p style="text-align: center;"><b><i>Lafitte Area Wide Sewerage</i></b> Jefferson Parish, Louisiana</p> <p style="text-align: center;">Town of Jean Lafitte 2654 Jean Lafitte Boulevard Lafitte, LA 70067 Mayor Timothy P. Kerner, Jr. 504-689-7801 Email: <a href="mailto:timkerner@townofjeanlafitte.com">timkerner@townofjeanlafitte.com</a></p> <p style="text-align: center;"><b>KEY PERSONNEL</b></p> <p>Richard C. Meyer, P.E. Jitendra C. Shah, P.E. James A. Ray</p> <p style="text-align: center;"><b>HIGHLIGHTS</b></p> <p>🌿 Sewerage Collection System</p>	<p><b>Nature of Firm's Responsibility:</b> <i>Design, Bidding &amp; Construction Administration</i></p> <p>The project consisted of Program Management, design and construction administration of the Lafitte Area Wide Sewerage Project for the Town of Jean Lafitte in Jefferson Parish. The Wastewater Collection System Phase I Project included a gravity sanitary <b>sewerage collection system</b>. The sewerage was transported via force mains, lift stations, gravity mains, and asphalt road replacement. <b>Meyer Engineers, Ltd. (Meyer)</b> coordinated with the Corps of Engineers and DOTD on this project.</p> <p>For Phase II Meyer performed Program Management coordinating three (3) different surveyors and four (4) different Consulting Engineers. Areas served included the Town of Jean Lafitte, Lower Lafitte, Barataria, Jones Point and Crown Point. The work included sanitary <b>sewerage</b>, gravity lines, force mains, lift stations, grinder pump stations, drain line repair, and asphalt road replacement. Meyer also coordinated with Community Development, DOTD, DEQ and EPA. The scope of work included review of consultant's plans and specifications, review of their pay requests, and maintaining a flow chart for Critical Path items to keep all projects and consultants <b>on schedule</b>. The project also included development and review of property maps and coordination of an extensive right-of-way acquisition program to acquire property for the sewerage improvements.</p> <p>A separate project in the Program was the Rosethorne Sewerage Treatment Plant. Meyer completed the design and construction administration of this <b>sewerage treatment plant system</b> to provide secondary treatment of domestic <b>sewerage</b> for the Lafitte Area Wide Sewerage Program. The plant process includes a mechanical bar screen, influent flow metering with a Parshall flume, extended aeration with an integral clarifier, sludge storage, effluent flow metering with a Parshall flume, and an effluent lift station to discharge to Bayou Barataria. The plant is designed to ultimately handle an average flow of 350,000 gpd (gallons per day). Also completed was the Procurement Package Project. The project included preparation of a Procurement Package for pump control panels and ultraviolet disinfection system. Project was funded in part by a Community Development Block Grant and met the LCDBG Program</p> <div style="text-align: center;">  </div>					
<p><b>Completion Date (Actual or estimated):</b></p> <p style="text-align: center;">2002</p>	<p style="text-align: center;"><b>Estimated Cost:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>Entire Project:</b></td> <td style="width: 50%; text-align: center;"><b>Work for which Firm was Responsible:</b></td> </tr> <tr> <td style="text-align: center;">\$27,000,000</td> <td style="text-align: center;">100%</td> </tr> </table>		<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>	\$27,000,000	100%
<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>					
\$27,000,000	100%					

## TEC Professional Services Questionnaire

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p><b><i>Mandeville Effluent Pump Station/Sewer Treatment Plant Rehabilitation</i></b> St. Tammany Parish, 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><b>KEY PERSONNEL</b></p> <p>Richard C. Meyer, P.E. Jitendra C. Shah, P.E. James A. Ray</p> <p><b>HIGHLIGHTS</b></p> <p> Effluent Pump Station and UV System</p>	<p style="text-align: center;"><b><i>Design, Bidding &amp; Construction Administration</i></b></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>The project consisted of a new effluent <i>pump station</i> and UV system for the Mandeville Sewerage Treatment Plant. A 6 MGD triplex <i>pump station</i> with 12" submersible pumps was installed with 50 HP motors. This <i>pump station</i> 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.</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 disinfection 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> <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> <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 was considered.</p> </div> <div style="width: 25%; text-align: center;">  </div> </div>	
	<b>Estimated Cost:</b>	
<b>Completion Date (Actual or estimated):</b>	<b>Entire Project:</b>	<b>Work for which Firm was Responsible:</b>
2010	\$1,500,000	100%

## TEC Professional Services Questionnaire

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

<b>Parties:</b>		<b>Status/Result of Case:</b>
<b>Plaintiff:</b>	<b>Defendant:</b>	
<b>1.</b> Parish of Jefferson and LSED	Mickey O'Connor General Contractor, Inc. Gray Insurance, and Meyer Engineers, Ltd.	Resolved and dismissed.
<b>2.</b> 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 Engineers, Ltd. is a Louisiana registered Engineering and Architectural firm with Richard C. Meyer as President and Chief Executive Officer. Meyer Engineers, Ltd. 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 Engineers, Ltd. in January 2000. Meyer Engineers, Ltd. 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 Engineers, Ltd. 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. Charles Parish, Mr. David DeGeneres, Phone: 985-783-5100
- ✦ City of Covington, Ms. Callie Baker, Phone: 985-892-1811
- ✦ 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, five (5) Licensed Architects, one (1) Intern Architect, 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. Richard C. Meyer 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 forty-seven (47) years of experience in civil site design, roads, architectural projects, and construction management. Jitendra C. Shah fulfills the Minimum Personnel Requirement to be a LA Registered Engineer with a minimum of five (5) years' experience. Mr. Shah will perform Quality Control/Peer Review for the project. Mr. Shah is involved with all aspects of administering engineering projects which include client contact, cost estimates, design, quality control, construction administration, and contract closeout, preparation of reports and plans and specifications. Mr. Shah 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 nine (9) years of experience in civil and structural engineering and construction management. Mr. Duffy has extensive experience leading design and construction administration operations within a diverse range of industries and government entities. Mr. Duffy 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. Mr. Dupre will be the Project Engineer for the project. Mr. Dupre is involved with all aspects of administering projects for Meyer Engineers, Ltd. These aspects include client contact, cost estimates, design, quality control, construction administration, and plans and specifications. Mr. Dupre 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: March 25, 2022