



PEC
PROFESSIONAL
ENGINEERING
CONSULTANTS
CORPORATION

433 Metairie Road, Suite 313
Metairie, LA 70005

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STATEMENT OF QUALIFICATIONS

Routine Engineering Services for Water Projects **SOQ No. 24-013** **Resolution No. 144203**

June 21, 2024



Prepared for:



TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ No. 24-013

Routine Engineering Services for Water Projects

Resolution No. 144203

B. Firm Name & Address:



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433 Metairie Road, Suite 313
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504.309.5360

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:

Tony Arikol, P.E., President

License No. 23244

Ph: 504.309.5360

tarikol@pecla.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.

John H. Shires, P.E., Project Manager

License No. 26865

504.309.5360

jshires@pecla.com

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

<u>6</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>6</u> Civil Engineers	<u> </u> Interior Designers	<u>2</u> Project Managers
<u>10</u> Construction Inspectors	<u> </u> Landscape Architects	<u>2</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u>1</u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u>2</u> Engineer Intern	<u> </u> Environmental Engineers	
<u> </u> Professional Land Surveyors	<u>2</u> CADD Technicians	
		<u>31</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.
Not Applicable**

**2.
Not Applicable**

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

NOT APPLICABLE

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. NOT APPLICABLE		
2.		
3.		

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

 8

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 (ie. 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.

TEC Professional Services Questionnaire

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Tony Arikol, P.E.
President

Project Assignment:

Principal In Charge/QA-QC

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

34 Years

Education: Degree(s)/Year/Specialization:

B.S./1984/Civil Engineering

Active registration: Year first registered/discipline:

1989/Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Tony, who is President of PEC performs civil engineering project management and design for municipal and industrial clientele. Tony has more than 30 years of experience as an engineer. Scope of municipal experience includes water and wastewater (both sanitary and stormwater) treatment plants, pumping stations, distribution systems, gravity lines, and force mains. Mr. Arikol has extensive municipal water treatment and distribution design and project management experience.

While Tony has experience in all phases of engineering, he has specialized experience in the design and construction of various types of water distribution, storage and treatment facilities throughout much of the southeastern United States.

RELEVANT PROJECT EXPERIENCE:

- **Principal in Charge / Design Engineer and Project Manager** responsible for a \$9 million water system improvement project for the East Feliciana Rural Water System, Inc. which includes pressure filtration, high service pumps, water transmission mains, and both ground and elevated storage tanks.
- **Principal in Charge / Design Engineer and Project Manager** for St. Tammany Ozone Pines Subdivision – a water distribution system project consisting of over 18,000 linear feet of 8, 10 and 12 inch water lines. A new 12" HDPE water transmission line was designed connecting a new well and elevated tower experience flow and pressure issues.
- **Principal in Charge / Design Engineer and Project Manager** for St. Tammany Lazy Wheels & Southern Manor Water Distribution to provide the design and ultimately construct the proposed new water distribution system to provide potable water to the residents for Southern Manor and Lazy Wheels Mobile Home Parks in Slidell, LA. The project consists of 5,800 linear feet of 8 and 10 inch water mains and appurtenances.

TEC Professional Services Questionnaire

Tony Arikol, PE (continued)

- **Principal in Charge/Project Manager** responsible for preparation of a Preliminary Engineering Report, design, bid and construction oversight of new well, ground storage tank, high service pumps and line work for **Water Works District No. 3 of St. Tammany's overall needs to provide reliable, safe water to its service area.**
- **Principal in Charge for the Waterline to Americana in the City of Zachary** which includes the installation of a new 12" restrained joint water main, 12" water valve assemblies, fittings and appurtenances, installation of water service assemblies (includes service line, bronze saddle & corporation stop, curb stop & meter box) fire hydrant assemblies, valve assemblies for future water main tie-ins, and other misc. items.
- **Principal in Charge responsible for the construction of a New Automatic Meter Reading and Advanced Meter Infrastructure (AMR/AMI) System in the Town of Maringouin** including water meters, meter data interface unit, data collectors, software and other appurtenances for a fully functional network.
- **Principal in Charge** responsible for **design oversight of water treatment plant upgrade for Iberville Water Works District No.3** which included addition of two filters, ground storage, carbon system addition and miscellaneous improvements.
- **Project Engineer** responsible for the design and construction supervision of the **Cartersville Water Treatment Plant Expansion from 12 to 30 MGD in Cartersville, Georgia.** Responsible for preparation of basis of design report, supervising field treatability tests, preparing final design documents. Major unit processes included: flash mixing, flocculation/sedimentation, filtration, chemical addition systems (lime, carbon, permanganate, polymer and chlorine), finished water pumping as well as standby generation.
- **Project Manager** responsible for **numerous water system improvements for East Feliciana Water District, East Feliciana Parish, Louisiana.** Prepared design reports and final design documents for the following: a 2,000 foot deep 6 mgd water well, a pressure filtration system for iron and manganese removal, various water line additions based on "KYPipe" model information.
- **Project Manager and Principal Design Engineer** for **150,000 gallon water tower rehabilitation project** for the City of Plaquemine, Louisiana.
- **Project Manager and Principal Design Engineer** for **new 6" water main extension** to Pecan Pointe Subdivision in Plaquemine, Louisiana.
- **Project Manager and Principal Design Engineer** for **8" water main extension** to Jumonville Well for Iberville Water Works District No. 3.
- **Project Manager and Principal Design Engineer** for **Bellevue, Choctaw and Point Pleasant Water Tower Rehabilitation** for Iberville Water Works District No. 3.
- **Project Manager and Principal Design Engineer** for **new water well for Acadian Hardwoods Economic Development Project** for Tangipahoa Parish, Louisiana. Project was funded through the LCDBG program.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title:

Kevin A. Gravois, P.E.
Senior Vice President

Project Assignment:

Project Manager

Name of Firm with which associated:



Years' experience with this Firm:

41 Years

Education: Degree(s)/Year/Specialization:

B.S./1981/Agricultural Engineering

Active registration: Year first registered/discipline:

1987/Agricultural Engineering; 1993/Civil Engineering; 1993/Environmental Engineering

Other experience and qualifications relevant to the proposed Project:

Kevin has been employed with PEC for over 40 years. He performs civil engineering project management and design for municipal clients. Scope of municipal experience includes water treatment plants, water wells, water pumping stations, water storage tanks, water distribution systems, sanitary collection sewers, sewer pump stations and force mains, natural gas systems and Parish roadway design.

RELEVANT PROJECT EXPERIENCE:

- Project Manager for **Water System Improvements for St. Helena Water Works District No. 2**. Project included 4 different contracts:
 - **Contract No. 1- Water Distribution System:** Installation of a 10" PVC water main, gate valves, ductile iron fittings, fire hydrants, HDPE highway and creek bores, services, abandonment of existing water mains and associated appurtenances.
 - **Contract No. 2- Water Pumping Station:** An 1,800 foot test well, 500 gpm water well, clearing, grubbing, rough grading of well site and appurtenances.
 - **Contract No. 3- Water Well:** A 282,100 gallon ground storage tank, 15,000 gallon steel pressure tank, 2-750 gpm high service pumps, yard piping, fence, service road, generator, chlorinator, electrical, controls and appurtenances.
 - **Contract No. 4- Repainting Elevated Water Storage Tank:** Sandblast structural repair and recoating of the existing 100,000 gallon elevated water storage tank located in the community of Dennis Mills in St. Helena Parish.


TEC Professional Services Questionnaire

Other experience and qualifications relevant to the proposed Project:

Kevin A. Gravois, PE (continued)

- Project Manager for **Water Distribution System Improvements (West Side)** for the City of Baker, LA. Project included 3 different contracts:
 - **Contract No. 1 – Water Distribution System** – Installation of 21,500 L.F. (4.1 miles) of 8" water mains, 17 gate valves, 18 fire hydrants, six connections to existing water mains and 1,000 L.F. of 12" water mains, valves, and connections
 - **Contract No. 2 - Water Well (West Side)** – Construction of a 1,000 gpm water well
 - **Contract No. 2A – New Well Site Improvements (West Side)**
 - **Contract No. 3 – New Elevated Water Storage Tank (West Side)** – Construction of a 200,000-gallon elevated water storage tank
- Project Manager for **Water Distribution System Improvements** for the **Pointe Coupee Water Works District No. 1**. Project was partially funded by the ARPA water sector program and included 3 different contracts:
 - Contract No. 1 – Water Distribution System Improvements –
 - Contract No. 2 – New Water Well and Well Site Improvements (Olinde)
 - Contract No. 3 – New Water Well and Well Site Improvements (Olinde)
- Project Manager for **Groom Road Water Well Improvements in the City of Baker**. Project was developed as a second contract to allocate remaining ARRA monies awarded to the City in their new water meter contract. The LA DHH was the funding agency responsible to oversee that the engineering and construction followed ARRA requirements. Responsible for Design, plan preparation, construction administration and grant administration (including Davis-Bacon labor compliance, Buy American compliance, etc.). Construction consisted of one (1), 1,000 gpm water well, chlorinator, yard piping, control shelter, electrical, site work and appurtenances.
- Project Manager for **Winterville Area Water Main Additions in West Baton Rouge Parish**. Design, plan preparation and construction administration for the construction of 8" PVC water mains, fire hydrants, gate valves, fittings, tapping sleeves and other such appurtenances.
- Project Manager responsible for the design of a **2.0 mgd water treatment plant rehabilitation for the City of Plaquemine** with a total project cost of 2.4 million dollars. Rehabilitation included the replacement of the following: Solids contact clarifier, recarbonation basin, three (3) filter bays (media and under drains), alum system, lime feed system, chlorination system, carbon dioxide system; polyphosphate system and backwash pump station.
- Project Manager responsible for the design of a **900,000 gpd water treatment plant addition and rehabilitation for Henderson-Nina Water Corporation** with a total project cost of 1.2 million dollars. Rehabilitation included two (2) additional greensand filters, rehabilitation of an existing greensand filter, one (1) new zeolite water softener unit, new backwash feed and disposal equipment, new storage tank, new water well and new water mains.
- Project Manager responsible for the design of a **300,000 gpd water treatment plant for the Lee Road Water Corporation in St. Tammany Parish**. Work included two (2) greensand filters, chemical feed equipment, disinfection equipment, backwash equipment, backwash pumping and treatment unit, pumping facilities, water supply and water distribution system.
- Design Engineer responsible for design and construction management for **water distribution improvements which included a new water distribution system, water well and elevated tank for the Pointe Coupee Water Works District No. 2** in Pointe Coupee Parish, LA.
- Project Manager for the **Booker Fowler Fish Hatchery located in Rapides Parish** for the State of Louisiana with a total project cost of \$13 million dollars. Included in this project was ground water supply, surface water supply, pumping and screening, disinfection, pumping, earthwork, supply and drain system for ponds, various buildings, raceways and troughs for fish production and various appurtenances related to fish hatcheries.
- City of Baker – **Comprehensive Engineering Report for the Potable and Fire Protection Water System**, including recommendations for improvements and estimated construction and project costs.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title
<p>John H. Shires, P.E. Project Engineer</p>
Project Assignment:
<p>Project Engineer/Parish Liaison</p>
Name of Firm with which associated:
<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p>PEC <small>PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION</small></p> </div> </div>
Years' experience with this Firm:
<p>15 Years</p>
Education: Degree(s)/Year/Specialization:
<p>B.S./1991/Civil Engineering</p>
Active registration: Year first registered/discipline:
<p>1996/Civil Engineering</p>
Other experience and qualifications relevant to the proposed Project:
<p>John has more than 25 years of experience planning, designing and managing infrastructure programs and individual projects. He has extensive knowledge and experience in leading the development and implementation of infrastructure Master Plans. He has served as both a consultant and the Owner in the development of capital improvement programs and understands both perspectives in undertaking a program or project to meet the community's needs. He is currently the Project Manager for four Jefferson Parish projects, including Manhattan Blvd Widening, southbound and Leo Kerner Bike Path, and Recreational Pathway. He has also recently served as the Project Manager for several projects for the City of New Orleans, and St. Tammany Parish.</p> <p>As a consulting engineer, he was responsible for assisting in the overall design, construction and management of the City of Kenner's \$20 million Project Blueprint program which overhauled major thoroughfares and residential streets in the City. Project Blueprint project included major upgrades and rehabilitation to the submersible and self-priming sewer lift stations.</p>

TEC Professional Services Questionnaire

John H. Shires, PE (continued)

In the City of New Orleans as the DPW Director, he led the \$15million Canal Street Redevelopment Project and the annual \$50 Million dollar capital improvement program which were ADA compliant. The City was under a DOJ consent decree to meet ADA compliance requirements. The Program work elements included identification of all roads and intersections for their existing accessibility and summary of existing conditions and barriers to be overcome.

John most recently served as the **Project Manager for the Valuation of Tammany Utilities Water & Wastewater Systems in St. Tammany Parish, LA**. He was responsible for the analysis of the Tammany Utilities water and wastewater utility assets. PEC visited each site and completed site assessment forms for each utility asset – 36 water wells, 42 wastewater treatment plants and 281 sewage lift stations, to obtain the capacity, condition, age and remaining service life.

John's project management experience for Professional Engineering Consultants Corporation includes various projects as follows:

- **Bike Path and Recreational Pathway (Jefferson Parish, LA)**
- **Airline Park Blvd Rehabilitation and Drainage (Jefferson Parish)**
- **Improvements to Westwego No. 1 Pump Station (Jefferson Parish)**
- **Nicolle Blvd. Bike Path & Recreational Pathway (Jefferson Parish)**
- **Destrehan Avenue Bike Path (Jefferson Parish)**
- **St. Charles Phase II Bonnet Carre Spillway**
- Eighty Arpent Pump Station Improvements (St. Charles Parish, LA)
- Rehabilitation of Lift Stations No. 22,23, 33 (City of Mandeville, LA)
- Wastewater Interconnections – Phase 10 (St. Tammany Parish. LA)
- Randolph Pump Station Improvements (St. Charles Parish, LA)
- Cherokee Street Drainage Improvements (City of New Orleans, LA)
- Wastewater Force Main Inspection (City of Kenner, LA)
- Holiday Drive Rehabilitation (City of New Orleans, LA)
- Filmore Area Street Repairs (City of New Orleans, LA)
- WWTP Digester #1 Cleaning and Repair (City of Covington, LA)
- ADA Self Evaluation & Transition Plan Statewide (LA DOTD).

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

Name & Title

Bianca G. Hillhouse, P.E.
Senior Project Engineer

Project Assignment:

Senior Project Engineer

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

27 Years

Education: Degree(s)/Year/Specialization:

B.S./1996/Civil Engineering

Active registration: Year first registered/discipline:

2001/Civil Engineering

Other experience and qualifications relevant to the proposed Project:

Bianca performs civil engineering, planning, permitting, design, and construction administration for municipal clients. She has more than 27 years of progressive responsibility in charge of a variety of infrastructure projects. Her municipal experience includes water, wastewater, drainage, road rehabilitation, and miscellaneous infrastructure projects. She has coordinated all planning and design requirements for water distribution, storage, pumping and well systems and has served as the primary consultant in trouble shooting water system inefficiencies and break downs. She was the design engineer and project manager for three water line relocation projects triggered by DOTD widening projects throughout the City of Zachary and one for the Town of St. Francisville. Bianca was the design engineer and project manager for the rehabilitation of a 300,000 gallon elevated storage tank in the Town of St. Francisville and the construction of a new 500,000 gallon elevated storage tank in Zachary. Bianca also developed a Water Vulnerability Assessment for six municipalities in Louisiana.


TEC Professional Services Questionnaire

Bianca G. Hillhouse, PE (continued)

RELEVANT PROJECT EXPERIENCE:

- **Town of Springfield Water Distribution System and New Water Well.** Project Manager and Design Engineer responsible for design and plan preparation for the installation of a city-wide water main network, consisting of various sizes of PVC/HDPE water mains, gate valves, flush hydrants, ductile iron fittings, bayou crossings. State Highway crossings, meters and appurtenances. This project also include the construction of a new 500 gpm, 2,000 ft. deep water well and hydropneumatic tank to serve the town of Springfield.
- **FY2020 LCDBG Water System Improvements, City of Zachary, LA (2022).** Project Manager and Design Engineer responsible for the design and plan preparation of a \$1.6 M grant awarded to the City. This project entails the design and construction to replace older cast iron small diameter (1", 2" and 6") water mains with new large diameter water mains for the City of Zachary potable water system, as well as replace an existing failing water well which serves the Lane Regional Medical Center Hospital as well as the southeastern quadrant of the City. The City will acquire the site for the new well.
- **New Water Tower and Water System Improvements, City of Zachary, LA.** Project Manager and Design Engineer responsible for the design and plan preparation for a new 500,000 Gallon Elevated Water Tower and associated water system improvements.
- **City of Zachary Waterline to Americana** which includes the installation of a new 12" restrained joint water main, 12" water valve assemblies, fittings and appurtenances, installation of water service assemblies (includes service line, bronze saddle & corporation stop, curb stop & meter box) fire hydrant assemblies, valve assemblies for future water main tie-ins, and other misc. items.
- **FY2016 LCDBG Water Distribution System Improvements, City of Zachary (2018)** Project Manager and Design Engineer responsible for the design and plan preparation of a \$800,000 grant awarded to the City. The project is to replace existing, older cast iron small diameter (1", 2" and 6") water mains with new large diameter PVC and HDPE water mains (2", 6" and 12") for the City of Zachary potable water system.
- **FY2016 LCDBG Water Distribution System Improvements (Richardsontown), City of Bogalusa, LA (2018).** Project Manager and Design Engineer responsible for the design and plan preparation of a \$800,000 grant awarded to the City. Project included the replace 2", 6", 8", and 12" water mains including service reconnections for a low-income target area in the City.
- **City of Zachary FY 2012-2013 LCDBG Water Distribution System Improvements.** Project and Design Engineer for new replacement water lines (abandoning existing) and transferring services to new lines. Various sizes of pipe were required as well as boring pipe at concrete driveways.
- **Town of St. Francisville Water Distribution System Improvements.** Design Engineer and Project Manager for improvements to the water distribution system including replacement of 2" and 4" water mains with 6" PVC water mains and fire hydrants for the Town of St. Francisville, LA. This was an LCDBG funded project.
- **Town of St. Francisville Rehabilitation of Elevated Water Storage Tank.** Design Engineer for the design and construction administration of a 300,000 gallon elevated water storage tank rehabilitation for the Town of St. Francisville, LA. The project included repainting the interior and exterior of the elevated tank and performing structural repairs.
- **Town of St. Francisville Booster Pump Station.** Design Engineer and Project Manager for a potable water booster pump station facility for the Town of St. Francisville to serve two areas with historically low water pressure problems.
- **City of Zachary New Water Well.** Design Engineer and Project Manager for a new 2,000 gpm, 2000 foot deep water well for the City of Zachary, Louisiana.
- **City of Zachary Water Distribution System Improvements.** Design Engineer for the overall City-wide water distribution system study for the City of Zachary, Louisiana.
- **West Baton Rouge Parish Water System Improvements.** Design Engineer and Project Manager for the Directional Drilling of 1,400 L.F. of 18" HDPE water main under the Intracoastal Waterway in West Baton Rouge Parish.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:	
Name & Title	
David A. Colson, P.E. Senior Design Engineer	
Project Assignment:	
Design Engineer	
Name of Firm with which associated:	
 The logo for PEC Professional Engineering Consultants. It features a stylized blue and black geometric design on the left, followed by the letters "PEC" in a large, bold, blue font. Below "PEC" are the words "PROFESSIONAL ENGINEERING CONSULTANTS" in a smaller, blue, sans-serif font.	
Years' experience with this Firm:	
31 Years	
Education: Degree(s)/Year/Specialization:	
B.S./1987/Civil Engineering	
Active registration: Year first registered/discipline:	
1995/Civil Engineering	
Other experience and qualifications relevant to the proposed Project:	
<p>For over 30 years, David has designed and managed the construction of and improvements to water distribution systems, water wells, water storage facilities, hydropneumatic booster systems and water system modeling. Design projects involving municipal entities have included improvements to the water systems for the Tangipahoa Water District Water, City of New Roads, Town of Pearl River, East Feliciana Rural Water System, Inc., Varnado Waterworks District, City of Plaquemine, St. Helena Parish Water Works District No. 2, and Ward Six Water District of Livingston Parish.</p> <p>David has more than 12 years of experience in computer modeling systems for design and evaluation utilizing the "KYPPIPE" Computer Model and the USEPA "EPANET2" Computer Model.</p> <p>David has experience with the design of elevated and ground water tanks utilizing both shallow and deep foundations.</p>	

TEC Professional Services Questionnaire

David A. Colson, PE (continued)

RELEVANT PROJECT EXPERIENCE:

- **St. Tammany Ozone Pines Subdivision** – a water distribution system project consisting of over 18,000 linear feet of 8, 10 and 12 inch water lines. A new 12" HDPE water transmission line was designed connecting a new well and elevated tower experience flow and pressure issues.
- **St. Tammany Lazy Wheels & Southern Manor Water Distribution System** – a new water distribution system to provide potable water to the residents for Southern Manor and Lazy Wheels Mobile Home Parks in Slidell, LA. The project consists of 5,800 linear feet of 8 and 10 inch water mains and appurtenances.
- **Town of Maringouin- Automatic Meter Reading & Advanced Meter Infrastructure (AMI/AMR) System:** Project consists of the construction of a New Automatic Meter Reading and Advanced Meter Infrastructure (AMR/AMI) System including automated water meters, meter data interface unit, data collectors, software and other appurtenances for a fully functional network wherefore water consumption can be measured automatically and this information can be transmitted and received at the Utilities office for use in their billing software for a turn-key project. Contract is funded by the LADEQ SRF Loan Program. Project includes design, plan preparation, davis-bacon compliance, DEQ regulations, and construction administration.
- **Rural Franklinton Water Corp- New Water Well for Black Jack Road Booster Pump Station:** A Disinfectant/By-Product Monitoring Plan was required for the Town of St. Francisville's water system. The purpose of the Monitoring Plan was to specify the procedures, processes, and protocols that will be utilized by the Town of St. Francisville Water System in the collection of data and determinations of compliance with regard to the Disinfectants and Disinfection Byproducts Rule (DDBP Rule). Every effort was made to insure the accuracy of this plan with respect to the requirements of the DDBP Rule.
- **Iberville Water Works District No. 3- Water Treatment Plant Improvements:** The City's existing water treatment facility was in need of a complete retrofit to ensure the quality of water would continue to meet the highest standards for the community. PEC was retained to provide the preliminary and final engineering of the proposed improvements. The firm performed an investigation of alternatives to determine the most cost effective approach to upgrade the existing facilities. A complete refurbishing of the existing 2 mgd lime softening plant as well as new filters, air wash, backwash pumps, new clarifier and sludge pump, new chemical feed pumps and appurtenances was required to bring the facility up to the highest industry standards for a surface water treatment facility.
- **Town of Pearl River- New Water Well:** New 600 GPM Water Well at a depth of 1,860 feet and associated appurtenances to serve as a backup to the Town's only water well.
- **St. Helena Water Works District No. 2-CWEF Water Distribution System Additions:** The addition of 3" water mains to several roads in St. Helena Parish that did not have water service. Work entailed 23,400 LF (4.4 miles) of 3" water mains with tie-ins, gate valves and flush valves. These improvements added 50 new users to the system.
- **Varnado Water Works District-Water System Improvements Phase V:** Additions to the water distribution system; new water well for pine area; new ground storage tank, high service pumps, pressure tanks, filter & electrical controls for Pine area well site; new filters, yard piping, electrical controls, and appurtenances for Existing William Lewis Road well site; and structural repairs & repainting of existing 300,000 gallon elevated water storage tank.

TEC Professional Services Questionnaire

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


PROJECT NO. 1						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Phase V Water System Improvements – North Project</p> <p>Water Works District No. 2 of St. Helena Parish P.O. Box 658 Greensburg, LA 70441 985.748.4657</p>	<p>Project included an Application which consisted of a Preliminary Engineering Report and an Environmental Review Record through the USDA Rural Utilities Service loan/grant program. Project also included the design, plan preparation, and construction administration for water system improvements in Phases III and IV Service areas. Improvements to the water system included the following:</p> <p><u>Contract 1 – Water Distribution System - \$864,245</u> Installation of a 10" PVC water main, gate valves, ductile iron fittings, fire hydrants, HDPE highway and creek bores, services, abandonment of existing water mains and associated appurtenances.</p> <p><u>Contract 2 – Water Pumping Station - \$605,018</u> An 1,800 foot test well, 500 gpm water well, clearing, grubbing, rough grading of well site and appurtenances.</p> <p><u>Contract 3 – Water Well - \$428,400</u> A 282,100 gallon ground water storage tank, 15,000 gallon steel pressure tank, 2-750 gpm high service pumps, yard piping, fence, service road, generator, chlorinator, electrical, controls and appurtenances.</p> <p><u>Contract 4 – Repainting Elevated Water Storage Tank - \$124,300</u> Sandblast, structural repair and recoating of the existing 100,000 gallon elevated water storage tank located in the community of Dennis Mills in St. Helena Parish</p> <p><u>Contract 5 – Water Distribution System - \$865,000</u> Two separate water distribution projects along Hwy. 441 and Hwy. 16 to provide both water redundancy and to supply water to presently unserved parts of the Parish system. (Currently in Design).</p>					
<p>Completion Date (Actual or estimated):</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%; padding: 5px;">Entire Project:</th> <th style="width: 60%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">October 2017 (A) (Construction)</td> <td style="text-align: center; padding: 5px;">\$3,300,000 100%</td> </tr> </tbody> </table>		Entire Project:	Work for which Firm was Responsible:	October 2017 (A) (Construction)	\$3,300,000 100%
Entire Project:	Work for which Firm was Responsible:					
October 2017 (A) (Construction)	\$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>Water System Improvements East Feliciana Rural Water System, Inc.</p> <p>East Feliciana Rural Water System 10270 Highway 10 Ethel, LA 70730 225.683.9698</p>	<p>East Feliciana Rural Water System, Inc. received a loan from the USDA Rural Utilities Service for water system improvements. PEC was hired to assist with the application, preparation of the Preliminary Engineering Report and Environmental Report, engineering design, plan preparation and construction administration. The project was designed into multiple contracts to include the following:</p> <p><u>Water Supply Improvements:</u></p> <ol style="list-style-type: none"> 1.) Install a new elevated 300,000 gallon storage tank along with a new 300 gpm well at a new site along Highway 63 near the Plank Road intersection. 2.) Install new 200 square-foot area pressure filters to service a 400 gpm pump to treat high iron and manganese, a new 45,000 gallon ground storage tank for backwashing, new backwash settling pond, backwash pumps, and new auxiliary generator at the Battle Road Well site. <p><u>Water Distribution Improvements:</u></p> <ol style="list-style-type: none"> 1.) Replace existing 4" water main with a new 8" water main on Dawson Road from Highway 68 to the Reeves-Morgan Well. 2.) Assuming the new well and elevated tank project is built (Water Supply Improvements Number 1), there will need to be a larger water main to help transfer water south to assist the Bluff Creek Area. Therefore, we propose to replace existing 3" water main with a new 10" water main on Highway 63 from the proposed elevated storage tank and well site to Old Liberty Road; Replace existing 2", 4", and 6" water mains with a new 8" water main from Old Liberty Road to Highway 37. 3.) Replace existing 4" water main with a new 8" water main on Highway 959 from the Bluff Creek Well to Highway 63. 4.) Replace existing 4" water main with a new 8" water main on Highway 955 from the Highway 955 and Highway 957 intersection on Highway 10. 5.) Replace existing 4" water main with a new 8" water main on Highway 956 from Highway 19 to Highway 412; Highway 412 from Highway 956 to Highway 67; Highway 67 from Highway 412 to Highway 959; and Highway 67 from Highway 412 to just south of Hokaday road. 6.) Install a new 6" water main throughout remainder of the Highland Lakeshore Subdivision. 7.) Replace existing 3" water main with a new 8" water main on Highway 68 from Highway 963 to McMurray Road and tie into existing 2" water main. <p><u>Water Storage Improvements:</u></p> <ol style="list-style-type: none"> 1.) Install a new 300,000 gallon elevated storage tank (See Water Supply Improvements No. 1). 2.) Install new 100,000 gallon ground storage tank at the Turner Well Site. 3.) Install new 211,600 gallon ground storage tank at the Highway 964 Well Site. 	
<p>Completion Date (Actual or estimated):</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p>	<p>Work for which Firm was Responsible:</p>
<p>2022(E)</p>	<p>\$9,000,000</p>	<p>100%</p>



TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>New Elevated Water Tower & Water System Improvements</p> <p>City of Zachary P.O. Box 310 Zachary, LA 70791 225.654.1902</p>	<p>PEC was responsible for the design and construction management for a new 500,000 Gallon Elevated Water Tower and associated water system improvements. The projects were designed and bid as follows:</p> <ul style="list-style-type: none"> Contract 1 provided for the new Elevated Water Tower with associated appurtenances. Contract 2 provided for 12" PVC/HDPE water mains, valves, fittings, fire hydrants, connections, new elevated tank water fill piping, well site piping and associated appurtenances. <p>This project was funded with State Capital Outlay allocations. PEC coordinated all aspects of the requirements and reimbursements from the funding agency.</p> <p>PEC also coordinated site selection and system hydraulics to ensure that the new tower would provide needed storage and improved pressure throughout the system.</p> <div style="text-align: center;">  </div>	
<p>Completion Date (Actual or estimated):</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p>	<p>Work for which Firm was Responsible:</p>
<p>April 2021 (A)</p>	<p>\$2.0 Million</p>	<p>100%</p>


TEC Professional Services Questionnaire

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Phase II Water Line Replacement in Bonnet Carre Spillway</p> <p>St. Charles Parish P.O. Box 352 Hahnville, LA 70057 985.783.5000</p>	<p>The St. Charles Parish Government commissioned Professional Engineering Consultants Corp. (PEC) to improve a water system located near the Bonnet Carre Spillway at approximate levee station 5179+21.2.</p> <p>The project consists of designing an eight (8) inch directionally drilled HDPE waterline for approximately 3,600 linear feet with all appurtenances included. The new waterline will connect to the existing eight (8) inch waterline at the standpipe located near the toe of the Bonnet Carre Upper Guide Levee. The existing waterline, between tie-ins, is proposed to abandon in place.</p> <p>Supplemental services are also necessary to aid in PEC's design for this project. A limited topographic survey is required to establish existing conditions, ground elevations and the location of utilities. Geotechnical Engineering is required to establish soil conditions and foundation design criteria.</p> <p>Since the location of work is within 1500 feet of a levee, the Pontchartrain Levee District requires a submission for a Letter of No Objection from the Corps of Engineers and the State of Louisiana before construction can take place.</p> <p>PEC will provide full-time Resident Project Representation services for QA/QC during the Construction Phase. The Resident Inspection estimate is based on an 8-hour workday over a two-month construction period.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March 2025 (A)	\$400,000 (E)	100%

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Water System Improvements Pointe Coupee Water Works District No. 1 P.O. Box 103 Jarreau, LA 70749 225.638.4501	<u>Water Distribution System Improvements</u> <p>The purpose of this project was to provide a completed hydraulic loop around the perimeter of the Water District with a new 8" water main, valves fire hydrants and connections. Water District No. 1 serves "The Island" in Pointe Coupee Parish which is the interior of False River. The Water District has approximately 2,000 users and in 2016 added M&S Water Supply to the Water District, which is the Ventress area.</p> <p>Permitting requirements included the La. Department of Health for plans and specification approval in accordance with the Louisiana Sanitary Code.</p> <p>Permitting requirements included the La. Department of Transportation & Development for a Project Utility Permit to place the 8" water main and appurtenances within the State Highway right-of-way.</p> <p>Permitting requirements included the Atchafalaya Basin Levee District for a Project Permit to place the new 8" water main and appurtenances within 1,500 L.F. of the Mississippi River Levee.</p> <u>New Water Well and Well Site Improvements</u> <p>The purpose of this contract was to design, permit and construct a new 600 gpm water well to be located adjacent to the existing Olinde well site. The existing Olinde water well is constructed to a depth of 2,000 feet and has a high Total Organic Color (TOC) and ammonia content. This condition causes a high chlorine demand and does not allow for the water supply to maintain a chlorine residual. This project alleviated this problem by constructing a new water well in the 1,150-foot sand with acceptable water quality meeting the EPA's Primary and Secondary Drinking Water Standards. This well matches the size of the Couteau and Olinde water well for ease of operation and maintenance.</p> <p>The 600 gpm water well was constructed to a 1,150-foot depth. The test well was drilled to provide information on the quantity and quality of the water. The existing Couteau water well was constructed in 1985 about 10 miles away and this information was used to estimate quality and quantity of water. Water quality and quantity met project expectations. The 12-month additional completion time was actually better than expected in the current construction time period for water wells. There is at least a one (1) year backlog on getting a well drill at the current time (2024).</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
January 2024 (A)	\$613,984 (A) & \$1,277,500 (A)	100%

TEC Professional Services Questionnaire

PROJECT NO. 6		
Project Name, Location and Owner's contact information: Water System Improvements – West Side City of Baker P.O. Box 707 Baker, LA 70704	Nature of Firm's Responsibility: PEC was responsible for a Preliminary Engineering Report, project design, plan preparation and construction administration for Water System Improvements to serve the West Side of the City of Baker. The project was designed and bid into separate contracts as follows: <u>Contract No. 1 – Water Distribution System – \$1,041,425.00</u> Installation of 21,500 L.F. (4.1 miles) of 8" water mains, 17 gate valves, 18 fire hydrants, six connections to existing water mains and 1,000 L.F. of 12" water mains, valves, and connections. The construction provided a water main loop for improved hydraulic capacity and distribution of water throughout the western end of the City of Baker. <u>Contract No. 2 - Water Well (West Side) - \$1,340,771.00</u> Construction of a 1,000 gpm water well to a 1,900 – foot depth. <u>Contract No. 2A – New Well Site Improvements (West Side) - \$669,850</u> <u>Contract No. 3 – New Elevated Water Storage Tank (West Side) - \$1,393,600</u> The purpose of this contract was to design, permit and construct a 200,000-gallon elevated water storage tank to be located on the west side of the City of Baker	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May 2024 (E)	\$4,295,646 (A)	100%

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Water Distribution System Improvements Pointe Coupee Water Works District No. 2 105 Gisele Street New Roads, LA 70760 225.638.4501	PEC was responsible for project design, plan preparation and construction administration for work for the Pointe Coupee Water Works Dist. 2 that consisted of 4" and 6" water mains, valves, fittings, hydrants, services, Bayou crossings and appurtenances; a 1300 foot test well, 300 gpm water well, chlorinator, yard piping, generator, electrical, shelter and appurtenances; a 150,000 gallon elevated water storage tank, foundation and appurtenances; repainting and structural repairs to the existing 200,000 gallon elevated water storage tank in Batchelor; and water system improvements for the Torbert and Frisco communities.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
	2015 (A)	\$2,500,000 100%





PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Water Treatment Plant Improvements Iberville Parish Water Works District No. 3 65200 Belleview Drive Plaquemine, LA 70764 225.659.7515	Design of complete and operable water treatment plant improvements consisting of the installation of two new (two cell) package filter systems each having a filter area of 209 square feet (104 square feet each cell) with associated appurtenances, a new 2,800 gpm backwash pump, new air scour blowers associated with the new filters, a metal building extension, plant piping improvements, demolition and/or disposal of materials, electrical work, painting, etc.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
	2011 (A)	\$1,450,000 100%



TEC Professional Services Questionnaire

PROJECT NO. 9						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Ozone Pines Water Distribution & Lazy Wheels & Southern Manor Water Distribution</p> <p>St. Tammany Parish 21454 Koop Drive Mandeville, LA 70471</p>	<p><u>Ozone Pines</u></p> <p>PEC was selected design, bid and provide construction oversight for the new water distribution system to provide potable water to the residents for Ozone Pines subdivision. The existing water distribution system within the community of Ozone Pines then will be abandoned. The project consists of over 18,000 linear feet of 8, 10 and 12 inch water lines.</p> <p>Additionally, as part of this project a new 12" HDPE water transmission line was designed connecting a new well and elevated tower experience flow and pressure issues. The project connected the Ozone Pines community to the Cross Gates public water system, all as part of East St. Tammany Water System Consolidation. Residents along the route of Brownsitch Road and N. Military Road will be able to get off private wells.</p> <p>The project was time sensitive with an expedited timeline in which PEC provided preliminary and final design, and coordination with all utilities and all local, state and federal jurisdiction to obtain proper permits and approval. PEC met all the deadlines by working closely with the Parish staff.</p> <p>Project is awaiting approval to advertise by the Parish. PEC will provide bidding, construction administration and resident inspection services.</p> <p><u>Lazy Wheels & Southern Manor</u></p> <p>PEC was selected to provide the design and ultimately construct the proposed new water distribution system to provide potable water to the residents for Southern Manor and Lazy Wheels Mobile Home Parks in Slidell, LA.</p> <p>The project consists of 5,800 linear feet of 8 and 10 inch water mains and appurtenances.</p> <p>The project was extremely time sensitive with an expedited timeline in which PEC provided preliminary and final design, and coordination with all utilities and all local, state and federal jurisdiction to obtain proper permits and approval. PEC met all the deadlines by working closely with the Parish staff.</p> <p>Project is awaiting approval to advertise by the Parish. PEC will provide bidding, construction administration and resident inspection services.</p>					
<p>Completion Date (Actual or estimated):</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Entire Project:</th> <th style="width: 50%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="text-align: center; padding: 5px;">\$3.3 Million (E) & \$4.8 Million (E)</td> <td style="text-align: center; padding: 5px;">100%</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	\$3.3 Million (E) & \$4.8 Million (E)	100%
Entire Project:	Work for which Firm was Responsible:					
\$3.3 Million (E) & \$4.8 Million (E)	100%					
March 2023 (E) & TBD						

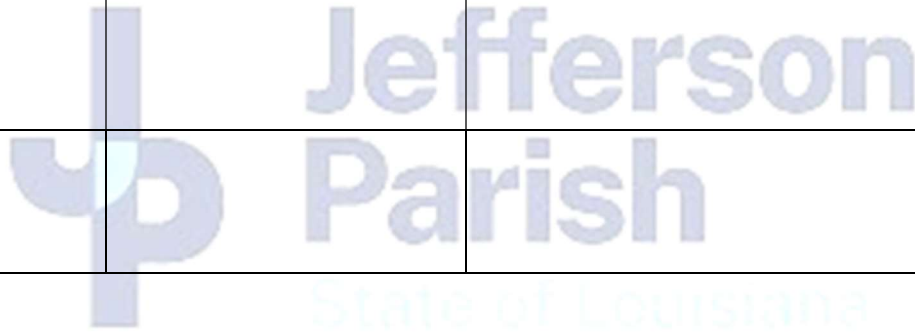
TEC Professional Services Questionnaire

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Water Distribution System Improvements</p> <p>City of Zachary P.O. Box 310 Zachary, LA 70791 225.654.1902</p>	<p>The City of Zachary was awarded a grant through the LA Division of Administration CDBG program. Project included design, plan preparation, construction administration, and grant administration for the Construction of new replacement water lines (abandoning existing) and transferring services to new lines. Various sizes of pipe were required as well as boring pipe at concrete driveways.</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014 (A)	\$860,000	100%

TEC Professional Services Questionnaire

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

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



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.

1. PROFESSIONAL TRAINING AND EXPERIENCE

Specialized Experience and Technical Competence

Over 55 years ago Professional Engineering Consultants Corporation (PEC) opened its office by helping rural communities create, fund, design and build their first water systems. Since then, we have designed hundreds of water improvement projects. These projects range from sophisticated treatment plants, distribution systems, to elevated and ground storage tanks and their associated pumping systems. We believe we are one of the State's leading consultants in water system planning and design.

We have designed both water plant and well systems to service a variety of communities. The proposed Project Manager and the design engineer for this RFQ have exceptional expertise and experience to investigate the existing system conditions and perform the associated design and construction of any new system components required. Their design will be efficient and most significantly, cost effective. We routinely have in house a water distribution system, treatment plant or water well and/or storage tank in design or in construction. Most of these projects required our total management from inception of the project, to final design and ultimate construction administration.



We will perform these services to: 1.) be responsive to your present and future needs, 2.) meet the associated budget requirements of your specified project and 3.) provide design and related construction services that meet and exceed your expectations.

Kevin Gravois, our hands-on senior project manager, will direct and supervise this project. Kevin has designed and supervised water distribution, water treatment facilities, water well, storage and pumping facilities on over 100 projects in his career. Most of these projects were similar to the potential needs of **Jefferson Parish** and in the same order of magnitude as any proposed scope of work for Jefferson Parish.

2. SIZE OF FIRM RELATED TO NUMBER OF PERSONNEL TO MEET PROJECT REQUIREMENTS

We have on staff 6 PE's, 2 EI's and numerous other support personnel with excellent drainage credentials.

We will assemble an experienced multi-disciplined **project team to meet the size, time schedule, and scope of the project**. A project manager will be your point of contact and will ensure the team meets milestones, scheduled completion dates, and the project's proposed design and construction budget. The Project Manager will coordinate with you to ensure responsiveness and clear communications, cornerstones of our project management approach.

We have the **necessary in-house personnel available** for undertaking and implementing this project as soon as the Parish authorizes it. We can commit whatever staff is necessary to ensure proper project evaluation, project design, drafting of technical plans, development of technical specifications & construction administration.

Our team has excellent credentials in the design of distribution systems, water wells, water treatment plants, booster stations, storage tanks and associated facilities. The same key senior design staff has been a project team for more than 9 years together.

TEC Professional Services Questionnaire

N. continued.

3. CAPACITY FOR THE TIMELY COMPLETION

Staffing Capacity/Current Workload

We have the necessary in-house personnel available for undertaking and implementing any projects as soon as the Parish authorizes it. We can commit whatever staff is necessary to ensure timely completion.

- Our work load is at a level in which we have excellent capacity to complete this project in the requested timeframe.
- Key staff for this project have a long history (more than 50 years) of providing engineering and administrative services.
- We have more than 30 technical and administrative personnel of which 6 are PE's and 2 are Engineering Interns. We also have a grant administrator who stays current on all guidelines and requirements and can assist you as needed on grant related projects.

Quality Control/Meeting Deadlines

Meeting deadlines and project milestones is one of the key reasons for our high client retention. A key to timely completion of work is having:

- coordination with the client to obtain critical background information and input related to the client's needs and project objectives.
- experienced project managers that understand the tasks required
- more than adequate technical and administrative resources available to meet the project requirements



We have the professional, technical, and administrative staff and dedication to meet schedules and deadlines imposed by its clients or governmental agencies. The firm has a bi-weekly staff meeting with key personnel to:

- check on project progress with respects to meeting the contract deadlines
- address any need for additional resources
- review key design decisions or project concerns
- distribute appropriate work elements to appropriate staff

We will maintain **continuous communication with you** to inform you of project status and any concerns related to meeting the project schedule both in design and in construction.

4. PAST PERFORMANCE BY THE PERSONS AND FIRM ON PARISH PROJECTS

PEC's staff is familiar with Jefferson Parish projects. Our work with the Parish includes the following:

- Consolidation of F8-4, F8-5 Sewer Lift Station
- Pump Station Improvements to Westwego No. 1 Pumping Station
- Airline Park Boulevard Rehabilitation and Drainage Improvements
- Leo Kerner Bike Path
- Manhattan Boulevard Widening
- Destrehan Bike Path
- Nicolle Boulevard Bike Path



TEC Professional Services Questionnaire

N. continued.

Key Staff Personnel Experience with Similar or Other Projects Comparable to the Proposed Project

Our staff who would be assigned to these water projects are highly qualified and knowledgeable in the specific task assignments required in implementing a water project.

- Kevin A. Gravois, P.E. has almost 41 years of experience in the municipal infrastructure arena and has worked on many water projects throughout South Louisiana. He has dedicated his experience to water design for many rural water systems which includes rehabilitation of existing systems, new water distribution systems, as well as upgrades to treatment and pumping facilities, and wells.
- Tony Arikol, P.E. has worked on water projects for over 34 years and has participated in the design of new water treatment facilities, as well as system distribution and expansion.
- Ms. Bianca Hillhouse, P.E. has 27 years of experience in the area of water projects and has worked on several projects with similar scopes that Jefferson Parish may need in the future.

Capability to Meet Schedule and Deadlines

We have the professional, technical, and administrative staff and dedication to meet schedules and deadlines imposed by its clients or governmental agencies. The firm has a bi-weekly staff meeting with key personnel to:

- check on project progress and meeting the contract deadlines
- address the need for additional resources
- review key design decisions or project concerns
- distribute appropriate work elements to correct staff

Meeting deadlines and project milestones is one of the key reasons for PEC's high client retention.

Capability to Complete Projects without having Major Construction Cost Escalations/Overruns

We have a proven track record with our clients for completing projects without having major construction cost escalations or overruns. Our **success in minimizing cost overruns and escalations** starts with preparing complete designs for the scope of work, from the initial bidding of the project throughout the project's construction. We specialize in public infrastructure design and are continuously preparing plans, specifications, construction documents and construction cost estimates for public bid.

Quality of Projects Previously Undertaken

We strive for **excellence and dedication that guarantees quality projects and have met those goals throughout our professional history**. We believe a quality project involves the following:

- **Understanding your needs** and intent
- Preparing a project that **meets your financial capabilities** desires for your project.
- Providing **responsive and accurate information** to you during your project's development
- At completion of construction, the **project is what you expected**.



TEC Professional Services Questionnaire

N. continued.

5. LOCATION OF PRINCIPAL OFFICE WHERE WORK IS TO BE PERFORMED

We will be performing the work for this project from our office located in Metairie, at 433 Metairie Road, Suite 313, Metairie, LA 70005. We also have offices in Baton Rouge (main office) and New Orleans, LA. Mr. John Shires, our proposed Project Manager for this project lives in the Metro New Orleans area. Mr. Shires is available to discuss project progress and any concerns.

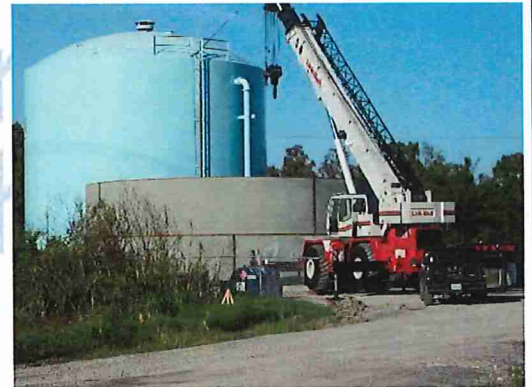
6. ADVERSARIAL LEGAL PROCEEDINGS WITH JEFFERSON PARISH

We have had no legal proceedings, time delays, cost overruns, or design inadequacies experienced on past or current projects for you.

7. PRIOR SUCCESSFUL COMPLETION OF PROJECTS

We have an outstanding track record in the design and construction oversight of municipal water systems. We understand the critical nature of insuring that service disruption during construction is minimized.

We have been successful in meeting the budget, time frame of completion, and quality of the operations and performance for you and our other clients. We pride ourselves on repeat business and client retention. We are presently recognized by many of our clients as their engineers of record or, one of its "go to" consultants. As a result of its dedication to quality, we have enjoyed a stable and continuous growth and have become recognized throughout the State of Louisiana for our expertise in all phases of public works planning and development.



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

Signature: _____

Print Name: Tony Arikol, P.E.

Title: President

Date: _____

6/20/24