

**Routine Engineering Services
For Water Projects
In Jefferson Parish**

Resolution No. 138809



Kyle Associates, LLC

Planning, Engineering, and Landscape Architecture

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

**Routine Engineering Services for Water Projects in Jefferson Parish
Resolution Number: 138809**

B. Firm Name & Address:

**Kyle Associates, LLC
638 Village Lane North
Mandeville, LA 70471**

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:

**James E. Powell, Jr., P.E. – LA License No. 31063
Phone Number: (985) 727-9377
Email Address: epowell@kyleassociates.net**

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.

**James E. Powell, Jr., P.E. – LA License No. 31063
Phone Number: (985) 727-9377
Email Address: epowell@kyleassociates.net**

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

<u>1</u> Administrative	<u> </u> Estimators	<u>1</u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u>2</u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>4</u> Civil Engineers	<u> </u> Interior Designers	<u>1</u> Project Managers
<u>1</u> Construction Inspectors	<u>1</u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u> </u> Sanitary Engineers
<u> </u> Engineer Intern	<u> </u> Environmental Engineers	<u>4</u> CADD Designers
<u> </u> Professional Land Surveyors		<u>15</u> TOTAL

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

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

TEC Professional Services Questionnaire

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

1.

2.

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

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

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A. Subconsultants will be used on as needed basis per project scope and approved by Council upon selection.		
2.		
3.		

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.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

James E. Powell, Jr., P.E., P.L.S. - Vice President Engineering Operations

Project Assignment:

Engineering Manager/Company Principal

Name of Firm with which associated:

Kyle Associates, LLC

Years' experience with this Firm:

14 Years with this firm

Education: Degree(s)/Year/Specialization:

BS – 1999 – Civil Engineering

Active registration: Year first registered/discipline:

Year registered: 2004 Branch: Civil Engineering State: LA License No.: 31063
Year registered: 2008 Branch: Civil Engineering State: MS License No.: 18479
Year registered: 2010 Branch: Civil Engineering State: AR License No.: 14120

Other experience and qualifications relevant to the proposed Project:

Mr. Powell has worked in the civil engineering and land surveying field since 2000. Upon graduation from Louisiana State University in 1999, Mr. Powell worked as a project engineer for a civil engineering/land surveying firm in Baton Rouge. His duties included design and plan development, specifications/contract documents, as well as construction management, for several types of municipal and residential/commercial projects including drainage improvements, roadway design/improvements, sewer/water improvements and residential subdivision design.

TEC Professional Services Questionnaire

Since March 2007, Mr. Powell has worked for Kyle Associates as a Senior Civil Engineer/Project Manager and is now a Principal/Partner serving as Vice President Engineering Operations. Mr. Powell is responsible for the management of the production and engineering staff to ensure projects are completed with technical competency and within budget and schedule. He also has responsibilities as a Project Management including the design and construction plan development for residential/commercial developments throughout south Louisiana and Mississippi, several municipal projects in the cities of Slidell, Mandeville, Covington, New Orleans, Baton Rouge, and Abita Springs; as well as the parishes of Jefferson, St. Bernard, St. Tammany, St. Charles, Tangipahoa and Plaquemines. These projects include drainage evaluations/design, hydraulic modeling, large culvert replacement, bridge replacement, parking lots and roadway/drainage improvements, and the construction management aspects of these projects.

Water and Wastewater System Improvements – Project included design of wastewater treatment plans, sewer lift stations, gravity sewer systems, water plant process trains, water wells, waterlines, pressure tanks, ground storage tanks and elevated tank repainting projects in St. Tammany Parish, Plaquemines Parish, Jefferson Parish, Village of Angie, Town of Clinton, Village of Albany, Village of Norwood and St. Charles Parish.

Roadway Improvements – Projects included construction management of large roadway improvement projects in Jefferson, St. Tammany, Tangipahoa, Plaquemines, St. Charles parishes and cities of New Orleans, Slidell, Mandeville, Baton Rouge. Responsibilities included project management, planning, design, management of field inspection, processing invoices and change orders, and modifying plans due to conflicts encountered during construction.

Residential Subdivision & Commercial Site Infrastructure Design – Responsibilities included the review of subdivision construction plans for conformance with subdivision regulations in various parishes, design and project management of various residential subdivisions and commercial sites (including drainage, paving, sewer, water, etc.) in St. John the Baptist, Livingston, Jefferson, St. Tammany, Tangipahoa, and St. Charles parishes.

Permit Acquisition – Responsibilities include obtaining necessary permits from LA DOTD, LA DNR, LA DHH, U.S. Army Corps of Engineers, and various railroad/utility companies for the construction of drainage, levee, pump station, roadway, water system, and residential/commercial projects.

State of Louisiana

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Kevin M. Drane, P.E. – Vice President Water and Wastewater
Project Assignment:
Project Manager
Name of Firm with which associated:
Kyle Associates, LLC
Years' experience with this Firm:
10 Years with this firm
Education: Degree(s)/Year/Specialization:
Bachelor of Science Civil Engineering / 2003 Bachelor of Science Business Administration / 1996
Active registration: Year first registered/discipline:
Year registered: 2010 Branch: Prof. Engineering State: LA License No.: 35485 Year registered: 2009 Branch: Prof. Engineering State: AL License No.: 30392
Other experience and qualifications relevant to the proposed Project:
<p>As a professional, Mr. Drane has provided design services for municipal, commercial and residential agencies with southeast Louisiana based engineering firms. These services have included transportation planning, traffic/intersection analysis, site master planning, bike and walking path planning, construction design and layout, site design, site planning, drainage and water /wastewater infrastructure design. When providing these services, he has coordinated and maintained relationships with both public and private clients where his goal was projects constructed within budget, accurately, and on time.</p> <p>Plaquemines Waterline Connection with St. Bernard, Braithwaite, LA Mr. Drane was the Project Manager and lead designer for an 8inch waterline extension and connection with St. Bernard Parish. The waterline also penetrated the 100 year flood protection wall located on the east bank of the Mississippi River in St Bernard and Plaquemines Parish.</p> <p>Water Treatment Plant Expansion, Belle Chasse, Louisiana, Mr. Drane was the Project Manager for the upgrade and expansion of the Belle Chasse WTP. The expansion increased the facility from a 6mgd to 9mgd. Process designs included UV disinfection, filter upgrades and expansion, transfer pump upgrades, chemical feed modifications, and expanded controls.</p>

TEC Professional Services Questionnaire

Belle Chasse Water Line Extension, Plaquemines Parish, Louisiana, Mr. Drane was a project engineer on the design of a 5 mile 20” waterline from the Belle Chasse Water Treatment Plant to the Cedar Grove Water tower and booster station. He has assisted the project engineer and coordinated efforts with Severn Trent Services, the Parish’s utility operator, and our design team

Water Line Flood Wall Penetrations, Belle Chasse, Louisiana, Mr. Drane was the Project Manager and designer of two water line flood wall penetrations through the Mississippi River Levee in Plaquemines Parish. These penetrations were designed to receive two 24” water lines that will serve a future raw water intake pump station on the unprotected side of the levee and bring water to the Belle Chasse treatment plant for processing. Also included in this project was a 24” drainage penetration and a 16” sewer line penetration. He coordinated all efforts with the Army Corps of Engineers, Plaquemines Parish and Severn Trent Services.

Water Plant Sludge Collection and Filter Backwash, Belle Chasse, Louisiana, Mr. Drane is the Project Manager for the redirecting of the sludge piping collection from the Belle Chasse Water Treatment Plant’s clarifier and settling basins to a new drainage pump station wet well. The Parish has to abandon a sludge discharge line in the current earthen levee and discontinue the discharge of the filter backwash water into the local drainage system. Both the sludge and backwash water will be sent to the new drainage pump station to be pumped to the river.

Castine Point Subdivision, Long Beach, MS, Mr. Drane is the Project Manager for the design of all utilities including water distribution for a 210-tract subdivision consisting of 200 total acre site.

Plaquemines Waterline Connection with St. Bernard, Braithwaite, LA Mr. Drane was Project Manager and lead designer for a 8inch waterline extension and connection with St. Bernard Parish. The waterline also penetrated the 100 year flood protection wall located on the east bank of the Mississippi River in St Bernard and Plaquemines Parish.

Alliance Water Booster Station and 6 Mile 20” Waterline, Plaquemines Parish, LA. Mr. Drane is the Project Manager and lead designer of an elevated water booster station in the Alliance area of Plaquemines Parish. The project will also consist of the design of a 6 mile 20” water line that will serve several port industrial tenants. A double chemical feed system will also be included at the booster station site.

State of Louisiana

TEC Professional Services Questionnaire

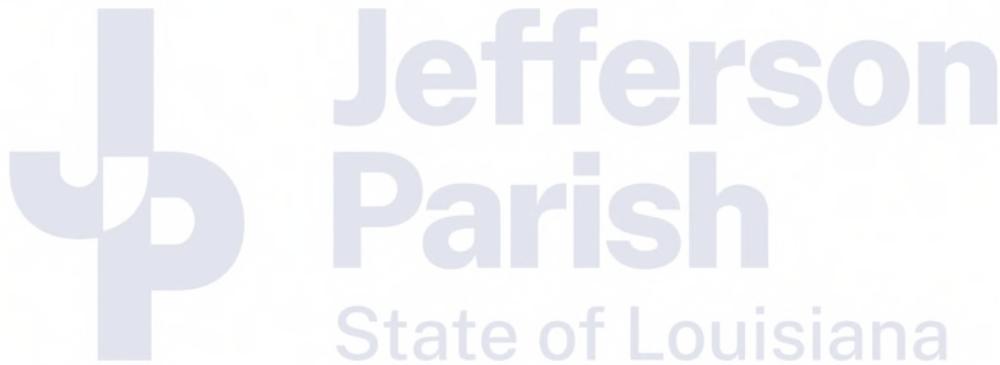
KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Zach Lewis, E.I. – Water and Wastewater Civil Engineer
Project Assignment:
Wastewater Project Engineer
Name of Firm with which associated:
Kyle Associates, LLC
Years' experience with this Firm:
2 Years with this firm
Education: Degree(s)/Year/Specialization:
Bachelor of Science Civil Engineering / 2019
Active registration: Year first registered/discipline:
Registration applied for; No E.I. number issued at this time.
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Lewis has worked for Kyle Associates after completing his Civil Engineering degree. He has been working in the engineering field for one year developing experience providing civil engineering and hydraulic design services for a wide spectrum of projects including roadway; drainage and utility improvements; hydraulic studies; and water/wastewater treatment processes, collection systems, and distribution systems.</p> <p>In addition to being a civil engineer Mr. Lewis' range of abilities includes resident construction representative and field observation positions and the evaluation and construction management of civil projects. He along with the firm felt that there was no better way for a new engineer to learn of the various disciplines than being in the field at the construction sites. His work has included counseling clients with regards to needs assessments and conducting feasibility studies to determine a course of action in the rehab of existing structures. He is knowledgeable in municipal construction and evaluation in conjunction with maintaining functionality of the facility in varying types and conditions.</p>

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WATER DISTRIBUTION AND TREATMENT EXPERIENCE

Water Treatment Plant Expansion, Belle Chasse, Louisiana, Mr. Drane was the Project Manager for the upgrade and expansion of the Belle Chasse WTP. The expansion increased the facility from a 6mgd to 9mgd. Process designs included UV disinfection, filter upgrades and expansion, transfer pump upgrades, chemical feed modifications, and expanded controls.

Alliance Water Booster Station and 6 Mile 20" Waterline, Plaquemines Parish, LA. Mr. Lewis is a Project Engineer for the civil design of an elevated water booster station in the Alliance area of Plaquemines Parish. The project will also consist of the design of a 6 mile 20" water line that will serve several port industrial tenants. A double chemical feed system will also be included at the booster station site.



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Thomas Dyer, P.E. – Senior Structural Engineer
Project Assignment:
Project Structural Engineer
Name of Firm with which associated:
Kyle Associates, LLC
Years' experience with this Firm:
3 Years with this firm
Education: Degree(s)/Year/Specialization:
Bachelor of Science Civil Engineering / 2004
Active registration: Year first registered/discipline:
Year: 1997 Branch: Civil Engineering State: LA License No.: 36743 Year: 2003 Branch: Civil Engineering State: TX License No.: 133147 Year: 2003 Branch: Civil Engineering State: FL License No.: 82904
Other experience and qualifications relevant to the proposed Project:
<p>As a professional, Mr. Dyer has provided design services for federal, municipal, commercial and industrial agencies with both national and local engineering firms. These services have included structural engineering design for schools, office buildings, water resource projects, maritime infrastructure, and bulkhead design. Mr. Dyer has also performed construction design and layout, site design, and site planning. When providing these services, he has coordinated and maintained relationships with both public and private clients as well as architectural firms where his goal was projects constructed within budget, accurately, and on time. Mr. Dyer has nearly 30 years of experience in structural and civil site design.</p> <p>Mr. Dyer has extensive experience is in all areas of structural planning, engineering design and analysis, preparing plans and specifications. He has structural design experience in most types of architectural buildings including educational, residential, institutional, and commercial. Some examples of these include primary and secondary schools, college buildings, banks, civic centers, condominiums, custom homes, shopping centers, libraries, agricultural buildings, office buildings, restaurants, medical facilities, hotels as well as many others. She has also worked on projects that include historic restorations, and site structures such as flag poles, light poles and billboards. His industrial experience includes cat walks, heavy equipment foundations, foot bridges,</p>

TEC Professional Services Questionnaire

and pipeline bridges. He has designed foundations using a number of systems including spread footings, timber piles, concrete piles, composite piles, auger cast piles, drilled piers, chain walls, sheet piling, mat and raft foundations, and others. He has a considerable amount of experience in high wind applications.

Mr. Dyer has also worked on other types of projects that include historic restorations in the New Orleans area. He has evaluated the structural integrity of existing structural members and provided reinforcement details in response to existing structural conditions. He has participated in addition projects where she has explored the structural options for the proposed expansion along with possible modifications of the existing building. The structural aspects of the project usually include careful investigative demolition to verify the key existing conditions. He has also worked in the design of new foundations for existing houses that have to be elevated.

The type of work Mr. Dyer performed has given him a tremendous edge in understanding how to design and detail efficient, cost effective, and constructible buildings, while keeping the architectural intent of the building intact, in focus, and at the forefront where it should be. In addition, he is very familiar with designing and detailing buildings in our very specialized high wind and flood environments along the coast. He is familiar with all of the design codes applicable to building design such as the IBC, ASCE 10, ASCE 24, ACI 318, ACI 530, AISC, NDS, and others.

Mr. Dyer has extensive experience with ACAD, RAM, REVIT, STAAD, Advanced Structural Analysis, Foundations, Advanced Structural Steel Design, Steel Bridge Design, Concrete Design, Highways and Transportation, Mechanics of Materials, Surveying, Geotechnical Engineering, Soil Mechanics, Hydraulics, Dynamics, Statics, Thermodynamics, Fluid Mechanics, Electrical Circuits, Environmental Engineering, Project Management, Senior Design (structural team), Water & Wastewater Systems.

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Gwen Ladner, Senior Designer
Project Assignment:
Wastewater CADD Designer
Name of Firm with which associated:
Kyle Associates, LLC
Years' experience with this Firm:
7 years with this firm
Education: Degree(s)/Year/Specialization:
Drafting, Delta College
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
<p>Ms. Ladner has better than 30 years of experience as a designer, including comprehensive expertise in design and computer-aided drafting for civil, structural, process, mechanical, electrical, and instrumentation for complete layout and production of design drawings for water and wastewater treatment plants and pumping stations, solid waste facilities and landfills, and other infrastructure projects. She has experience managing and scheduling CAD work, extensive experience with such software packages as Microstation and AutoCAD for CAD Design, CAD Overlay imaging software that works with AutoCAD, InRoads for civil site design, Plant Space and Triforma for 3-D mechanical design, ESRI's ArcView for GIS, and Microsoft Access database software. She also has experience with Visio, PhotoShop, Adobe Acrobat and the Microsoft Office suite. Ms. Ladner has also performed field work associated with sewage pumping station assessments and has worked on numerous design projects throughout Louisiana and the world.</p>

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WATER SUPPLY EXPERIENCE

Belle Chasse WTP Phase I Upgrades, Belle Chasse, Louisiana. Ms. Ladner is responsible for all detail designed associated with this project that includes the design of an ultraviolet (UV) disinfection treatment process where radiation is produced using ultraviolet lamps with quartz covers, the design of a high rate clarifier unit known as ballasted flocculation to replace the current clarifier and settling basins, design of all piping, foundations, equipment pads, electrical work, emergency generator and modifications and upgrades to the existing transfer pumping system, upgrades and expansion of the existing filtration system and electrical building to house the new electrical equipment.

Belle Chasse WTP Onsite Hypochlorite Generation Facility, Belle Chasse, Louisiana. Ms. Ladner is the lead designer on this project that includes the design of a new Onsite Hypochlorite Generation facility to be installed at the Belle Chasse Water Treatment Plant (WTP).

Water Treatment Plant Carbon Slurry Feed System Construction, Jefferson Parish, Louisiana, Ms. Ladner was the designer on this project of powdered activated carbon slurry feed systems at the 45mgd West Bank Water Treatment Plant and the 75mgd East Bank Water Treatment Plant in Jefferson Parish, Louisiana. The project was a total construction cost of \$4.2 million.

Ruddock Well Water System Membrane Treatment Facility Design, St. John the Baptist Parish, Louisiana, Ms. Ladner was the designer on this project of a membrane treatment facility for the 6mgd Ruddock Well Water System in St. John the Baptist Parish, Louisiana. The design included three nanofiltration process units with associated maintenance systems, electrical systems and controls to produce 4.5mgd of drinking water.

Water Treatment Plant Chlorine Scrubber Design and Construction, Jefferson Parish, Louisiana, Ms. Ladner is the lead designer on this project for the design of chlorine gas scrubbers at the 45mgd West Bank Water Treatment Plant and the 75mgd East Bank Water Treatment Plant in Jefferson Parish, Louisiana. The design included three gas scrubber systems with electrical and control upgrades.

West Bank Water Treatment Plant Filter Upgrade Design and Construction, Jefferson Parish, Louisiana, Ms. Ladner was a designer on this project for the design of process upgrades to the filters at the 45mgd West Bank Water Treatment Plant in Jefferson Parish, Louisiana. The process upgrades included the addition of dual media, an air backwash system, low profile underdrains, and controls to the filters at the surface water treatment plant.

Water Treatment Plant Disinfection System Upgrade Design and Construction, Jefferson Parish, Louisiana, Ms. Ladner was a designer on this project for the design of upgrades to the disinfection systems at the 30mgd West Bank Water Treatment Plant and the 75mgd East Bank Water Treatment Plant in Jefferson Parish, Louisiana. The system upgrades included the addition of gaseous chlorination equipment, controls and piping.

Alliance Water Booster Station and 6 Mile 20" Waterline, Plaquemines Parish, LA. Ms. Ladner is the lead CADD designer of an elevated water booster station in the Alliance area of Plaquemines Parish. The project will also consist of the design of a 6 mile 20" water line that will serve several port industrial tenants. A double chemical feed system will also be included at the booster station site.

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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:	
Belle Chasse WTP Expansion Evaluation and Pilot Study Belle Chasse, LA Plaquemines Parish Government 333F. Edward Hebert Blvd. Suite 100 Belle Chasse, LA 70037 Todd Eppley Director of Public Operations (504) 934-6330	Kyle Associates conducted an evaluation of the WTP for future expansion and improvements needed to remove 1 credit of log removal. Additionally, pilot studies are being administered to determine the best treatment process for the expansion.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
September 2014	\$200,000	\$200,000

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Belle Chasse WTP Improvements Phase 1A Belle Chasse, LA Plaquemines Parish Government 333F. Edward Hebert Blvd. Suite 100 Belle Chasse, LA 70037 Todd Eppley Director of Public Operations (504) 934-6330	Kyle Associates provided Design, Construction Plan Development, Permitting, and Construction Engineering Services to add a UV disinfection process to the existing treatment process at the WTP along with all associated electrical improvements and backup generation.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
October, 2015	\$3,500,000	\$3,500,000

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PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Belle Chasse WTP Improvements Phase 1B Belle Chasse, LA Plaquemines Parish Government 333F. Edward Hebert Blvd. Suite 100 Belle Chasse, LA 70037 Todd Eppley Director of Public Operations (504) 934-6330	Kyle Associates provided Design, Construction Plan Development, Permitting, and is currently providing Construction Engineering Services to add additional process components including high-rate clarification and high service pump improvements to increase the WTP's production capacity from 6MGD to 9MGD.	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April 2022	\$8,000,000	\$8,000,000

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Belle Chasse Water Line Extension Belle Chasse, LA Plaquemines Parish Government 333F. Edward Hebert Blvd. Suite 100 Belle Chasse, LA 70037 Todd Eppley Director of Public Operations (504) 934-63309	Professional services to prepare construction documents for the extension of a 20" water line to an existing booster station through a Naval Airforce Base. Services also included Construction Administration and Resident Inspection.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
December 2015	\$1,500,000	\$1,500,000

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Plaquemines Parish Water Model Plaquemines Parish, LA Inframark 126 Sewer Plant Road Belle Chasse, LA 70037 Robert Morgan, Senior Area Manager Operating Services (504) 392-4177	Kyle Associates is conducting all field services and computer modeling services required to build a water distribution model for the entire system of Plaquemines Parish. Additionally, GIS of all of the facilities and components of the distribution system is being implemented.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
October 2016	\$360,000	\$360,000

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
New Raw Water Intake Pump Station Belle Chasse, LA Plaquemines Parish Government 333F. Edward Hebert Blvd. Suite 100 Belle Chasse, LA 70037 Todd Eppley Director of Public Operations (504) 934-6330	Kyle Associates is providing engineering design and will perform construction management of a new raw water intake pump station providing Mississippi River water for treatment at the Belle Chasse Water Treatment Plant (BCWTP). The station will be designed to provide the BCWTP with 9 million gallons of water a day and an expansion capability of up to 12 million gallons. The station will be constructed on the unprotected side of the Mississippi River levee and floodwall on the west bank of Plaquemines Parish in the Belle Chasse area. The station is being designed to have four continuously operating pumps and one back up pump. The intake station is being designed with two 36 inch intake lines extending into the river and will pump through two 24 inch lines penetrating through the T-wall portion of the river levee. Once through the T-wall, the two 24 inch lines will combine and connect into the BCWTP through a single 36 inch line. The station will have full back-up generation power and all appropriate automation will be included as well as full remote operation and monitoring from the BCWTP. The station will be constructed on a platform at an elevation of +15 in the area of the existing intake line. The area of the station is vehicular accessible through a gate structure provided by the Army Corps of Engineers through the T-wall. An access ramp will be constructed so that fuel for the generator can be delivered and maintenance can be performed on the station from appropriate vehicles.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Bidding anticipated May 2022	\$6,200,000	\$6,200,000

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PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Port Sulphur 20" Waterline Replacement Port Sulphur, LA</p> <p>Plaquemines Parish Government 333F. Edward Hebert Blvd. Suite 100 Belle Chasse, LA 70037</p> <p>Todd Eppley Director of Public Operations (504) 934-6330</p>	<p>Kyle Associates provided design services to prepare construction documents for the replacement and reallocation of a 20" water line that runs along the back levee of the western part of the parish. The line has aged and is becoming fragile in many places and has broken in several places because of levee erosion. The new line will run along Hwy 11 through parts of Port Sulphur and feed various communities. The total project is awaiting funding for construction to begin. Construction Administration and Resident Inspection are included in the contract.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Estimated bidding in 2023	\$3,500,000	\$3,500,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>New Phoenix Water Tower Phoenix, LA</p> <p>Plaquemines Parish Government 333F. Edward Hebert Blvd. Suite 100 Belle Chasse, LA 70037</p> <p>Todd Eppley Director of Public Operations (504) 934-6330</p>	<p>Kyle Associates provided design services to prepare construction documents for the construction of a new 500,000 gallon water tower in the Phoenix area of the east bank distribution system to help sustain better water pressure in the system. The new tower will be placed on parish property by a fire station and high school and will contain chemical injection. The total project is awaiting funding for construction to begin. Construction Administration and Resident Inspection are included in the contract.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Anticipated 2023	\$2,200,000	\$2,200,000

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>East Bank Water Line Replacement Plaquemines Parish, LA</p> <p>Plaquemines Parish Government 333F. Edward Hebert Blvd. Suite 100 Belle Chasse, LA 70037</p> <p>Todd Eppley Director of Public Operations (504) 934-6330</p>	<p>Kyle Associates provided design services to replace cast iron waterlines sections on the east bank distribution system that are frequently busting and cannot handle the pressure in the system because of age. The new water lines will be PVC and help maintain pressure on the east bank that is repeated lost when the older line break. The total length of line replacement is approximately 6 miles. The total project is awaiting funding for construction to begin. Construction Administration and Resident Inspection are included in the contract.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Anticipated 2023	\$3,800,000	\$3,800,000

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Alliance Water Booster Station Plaquemines Parish, LA</p> <p>Plaquemines Parish Government 333F. Edward Hebert Blvd. Suite 100 Belle Chasse, LA 70037</p> <p>Todd Eppley Director of Public Operations (504) 934-6330</p>	<p>Kyle Associates is providing Civil and structural design of an elevated water booster station in the Alliance area of Plaquemines Parish. The project will also consist of the design of a 6 mile 20" water line that will serve several port industrial tenants. A double chemical feed system will also be included at the booster station site. Kyle Associates also assisted the Port with LDOTD Port Priority grant preparation to fund the construction of the project. The Port is funding the design and will own the booster station.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Estimated February 2023	\$7,000,000	\$7,000,000

TEC Professional Services Questionnaire

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

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

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

Additional Information and Resources of Kyle Associates, LLC

In 1998, Kyle Associates was formed as a multi-disciplined engineering and planning firm, specializing in public works design, planning, preparation of construction documents, bidding services, construction administration, and resident inspection. The firm has strategically directed its growth towards planning, engineering, and construction services through the staff it has acquired and the projects it has completed. Currently, Kyle Associates has completed many projects relating to the one being advertised in this RFQ throughout southeast Louisiana and Mississippi for many governmental agencies and private clients.

The firm has provided engineering and planning services in Jefferson Parish since its inception for both the Parish directly and as a subconsultant to other firms. Kyle Associates has executed numerous projects throughout the Parish not only for the Water Department but for other Parish departments as well. The firm is well versed with Parish design guidelines and has the experience to perform the work according to the needs of the Parish.

All professional services performed under the **Routine Engineering Services for Water Projects** are founded in socio-economic principles relating to the physical space needs of new facilities and repairs, water treatment plant expansions, additions, and renovations to existing facilities. A successful plan incorporates sustainable assets placed in service in an economically efficient manner. All work is developed in keeping with sound planning and engineering solutions.

TEC Professional Services Questionnaire

The water services and improvements for Jefferson Parish require both professional design expertise and management expertise. They also require the firm's personnel to have excellent organizational skills, excellent communication skills, and knowledge of the layers of jurisdictions that are required for a project to become successful. Construction administration preparation of construction documents for bidding, and bidding services on projects such as this, require additional attention to details. Conformance to the plans and specifications, and resolution of conflicts due to field conditions must be addressed quickly and with a high level of expertise in that field. Kyle Associates has that expertise.

Continuing Education and Experience

A continuing education program ensures that every staff member maintains the latest technology and methods used at their respective positions - for all positions - and training in related fields is encouraged so the project engineer will have a complete understanding of the design problem and solution. The engineering and construction administration staff at Kyle Associates comes from diverse civil engineering backgrounds, offering a broad range of experience and technical competence. This training allows Kyle Associates to implement the best of several solutions during the construction administration and inspection service phase, providing the owner with a timely and superior project.

Quality Control

To ensure the client is provided the highest quality construction administration, an internal Quality Control System, is in place and used on all work produced by the firm. Successful implementation is based on project management. The QCS involves the team concept where one registered professional is placed as lead construction manager. This professional oversees the resident inspectors on-site, daily logs and reports, and monitors the project schedule. Periodically, another team member reviews the project progression and inspection reports, which offer a fresh look into the project status, which quickly identifies shortcomings in the construction process. It also utilizes the diverse experience of the entire staff. The principal in charge manages teams and all projects are reviewed on a weekly basis. Lines of communications are open in all directions. To assist in quality control, the latest in computer technology including both hardware and software are employed.

It is imperative that the manpower and skills are available to immediately begin a project and successfully complete it on schedule. With 15 fulltime employees, Kyle Associates has the manpower and capacity available to immediately begin work on **water projects** for the Parish. As these types of projects require daily management and quick response, **Kyle Associates has the necessary capacity to undertake the work and complete it within the strict parameters established by Jefferson Parish.**

Kyle Associates, LLC is not currently nor has the firm been involved in any litigation with Jefferson Parish.

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

Signature:  **Print Name:** Christopher J. Hnatyshyn

Title: Vice President Business Development **Date:** March 30, 2022