



STATEMENT OF QUALIFICATIONS FOR
ROUTINE ENGINEERING SERVICES
FOR SEWER PROJECTS
RESOLUTION NO. 138812



ALL SOUTH CONSULTING ENGINEERS, LLC
652 PAPWORTH AVENUE, METAIRIE , LA 70005
OFFICE: (504) 322-2783 | FAX: (504) 322-2787

MARCH 25, 2022

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 22-010 to Provide Routine Engineering Services for **Sewer Projects** – Resolution No. 138812

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



652 Papworth Avenue,
Metairie, Louisiana 70005

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:

Timothy P. Bonura, P.E.
Managing Partner
504-322-2783
tim@ascellc.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.

Timothy P. Bonura, P.E.
Managing Partner
504-322-2783
tim@ascellc.com

John Teegarden, P.L.S.
Vice President, Survey Division Manager
504-322-2783
jteegarden@ascellc.com

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

<u>7</u>	Administrative	<u>1</u>	Estimators	<u>1</u>	Specification Writers
<u>0</u>	Architects (Licensed)	<u>0</u>	Geologists	<u>2</u>	Structural Engineers
<u>0</u>	Chemical Engineers	<u>0</u>	Geotechnical Engineers	<u>2</u>	Graduate Engineers
<u>9</u>	Civil Engineers	<u>0</u>	Interior Designers	<u>4</u>	Project Managers
<u>11</u>	Construction Inspectors	<u>0</u>	Landscape Architects	<u>3</u>	Clerical
<u>0</u>	Ecologists	<u>1</u>	Land Surveyor	<u>8</u>	Grant/Funding Specialist
<u>0</u>	Electrical Engineers	<u>0</u>	Mechanical Engineers	<u>0</u>	Sanitary Engineers
<u>5</u>	Engineer Intern	<u>0</u>	Environmental Engineers		
<u>1</u>	Professional Land Surveyor			<u>66</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.		
2.		
3.		

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

All South Consulting Engineers, LLC will provide **9** key personnel to this project. With a total of **66** staff members, All South has ample additional resources to allocate as necessary.

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:

Timothy P. Bonura, P.E.
Partner/ Principal in Charge

Project Assignment:

Principal in Charge

Name of Firm with which associated:

All South Consulting Engineers, LLC

Years' experience with this Firm:

18

Education: Degree(s)/Year/Specialization:

Bachelor of Science, 1994, Civil Engineering

Active registration: Year first registered/discipline:

2001, Civil, Louisiana License No. 29351
2009, Civil, Mississippi License No. 18974
2009, Civil, Alabama License No. 30479
2010, Civil, Georgia License No. 34769

Other experience and qualifications relevant to the proposed Project:

Timothy Bonura, P.E. began his career in 1994 after receiving his Bachelor of Science in Civil Engineering from the University of New Orleans. Having worked in the Civil Engineering business for 10 years, establishing a strong and solid reputation in the metro New Orleans area, Mr. Bonura decided to start his own engineering firm.

In 2004, Mr. Bonura co-founded All South Consulting Engineers, LLC. As Principal, Mr. Bonura is involved in every aspect of the daily operations, which includes designs, project management, business development, client relations, and personally ensures all contractual obligations are fulfilled timely. He is the point of contact for the project owners and ensures that adequate resources are available to all team members.

Over the course of his career, Mr. Bonura has worked with many local, state and federal agencies and provided professional engineering and project management services on more than \$1 billion worth of projects throughout Southeast Louisiana. Mr. Bonura is providing guidance, direction and staffing for current projects. As point of contact between the owner and staff engineers, he ensures the project design and results are compatible with the owners' requested service.

TEC Professional Services Questionnaire

Install Permanent Sewer Connections Multiple State Parks *Multiple State Parks, Statewide, Louisiana*

Mr. Bonura is leading a team providing surveying, engineering design, and construction administration of permanent sewer connections in the RV Campgrounds at 9 Louisiana State Parks. There are approximately 570 recreational vehicle Campground sites that will receive the permanent sewer connections. The scope also includes but is not limited to installation of sewer lift stations, piping, trenching, clearing/grubbing, etc. as necessary.

Bayou Country Sports Park *Houma, Louisiana*

Mr. Bonura lead a team tasked with the development of the Bayou Country Sports Park, a 140-acre park site in Terrebonne Parish. This development included ball fields, soccer fields, concession stands, and other amenities. Improvements included in the infrastructure project included drainage, sewer, water, and roadway improvements. Drainage improvements consisted of several retention ponds located throughout the site, grading, and subsurface drainage. Three (3) lift stations for sewer were constructed due to low elevations throughout the site. Roadway improvements included the construction of roughly 4,000' of asphalt roadway along with a bike path. Installation of 12" PVC waterline was included to provide water to the various buildings that will be located throughout the site. This site was developed to be consistent with regional storm water and green space plans. This project utilized green infrastructure policies. The green features included fiber reinforced grass for parking, wetland simulation drainage retention ponds used for recreation.

Bellemeade at Ginette Sewer Lift Station *Jefferson Parish, Louisiana*

This project consists of construction of a new wet well and valve pit, the construction of a new sewer force main and manhole and the demolition of the existing pump station. Mr. Bonura provided supervision and oversight for each phase of this project. His responsibilities include handling the bidding phase and assisting with oversight for the construction of this project.

Bobtown Sewer Plant *Houma, Louisiana*

Mr. Bonura led a team on the replacement of the Bobtown Package Sewer Plant. The Bobtown Package plant is over 20 years old and consists of a self-contained package treatment plant with a capacity of 25,000 gallons per day. The team developed the plans and specifications to replace this plant, including plans to continue operations while the new plant was installed.

Blimp Road Sewer Phase 1 *Houma, Louisiana*

Mr. Bonura led a team on the Blimp Road Sewer Improvements for the Houma Terrebonne Airport Commission. This project included the installation of approximately 2,540' of gravity sewer lines. These lines will be 8" in diameter, consistent with the Terrebonne Parish Consolidated Government standards for such improvements. The team conducted field data collection, prepared plans and specifications, and managed the construction of this work.

Blimp Road Sewer Phase 2 *Houma, Louisiana*

Mr. Bonura led a team on the Blimp Road Sewer Phase 2 Improvements for the Houma Terrebonne Airport Commission. This project included the installation of approximately 1,400' of gravity sewer lines. These lines will be 8" in diameter, consistent with the Terrebonne Parish Consolidated Government standards for such improvements. The team conducted field data collection, prepared plans and specifications, and managed the construction of this work.

Polk St. Lift Station Rehab *Houma, Louisiana*

Mr. Bonura led a team on the rehab of the Polk St. Lift Station in Terrebonne Parish. This lift station was over 20 years old and needed updating. This rehabilitation will include converting the existing lift station from a dry well lift station to a two (2) submersible pump lift station and all associated required removals, piping, pump, electrical and structural work required for the conversion. The replacement pumps will provide the same performance capacity as the existing pumps.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Stephen Bourg, P.E. <i>Senior Vice President</i>
Project Assignment:
Senior Project Manager/ Senior Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
16
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, 1994 Post-Graduate Studies – Structural Engineering, 1994-1996
Active registration: Year first registered/discipline:
1998, Civil, Louisiana License No. 28240
Other experience and qualifications relevant to the proposed Project:
<p>Stephen Bourg, P.E. joined All South Consulting Engineers in 2005, and is currently Senior Vice President managing both the design and disaster management divisions. His responsibilities include oversight of all design projects and grant programs. Mr. Bourg manages a staff of over 40 individuals including professional engineers, program/construction managers and other design/supporting professionals. Mr. Bourg has over 29 years of civil structural design experience and over 12 years of PA, HMGP, Debris & PDA experience on 7 federally declared disasters. He has overseen design, program and construction management of over 2 billion dollars of projects which include: schools, theme parks, roads, bridges, locks, drainage infrastructure, public utilities, pump stations, coastal restoration, levees, floodwalls, hotels, fire houses, high rise condos, community centers, and numerous commercial buildings.</p> <p>Install Permanent Sewer Connections Multiple State Parks <i>Multiple State Parks, Statewide, Louisiana</i> Mr. Bourg is leading a team providing surveying, engineering design, and construction administration of permanent sewer connections in the RV Campgrounds at 9 Louisiana State Parks. There are approximately 570 recreational vehicle Campground sites that will receive the permanent sewer connections. The scope also includes but is not limited to installation of sewer lift stations, piping, trenching, clearing/grubbing, etc. as necessary.</p> <p>Bellemeade at Ginette Sewer Lift Station <i>Jefferson Parish, Louisiana</i> This project consists of construction of a new wet well and valve pit, the construction of a new sewer force main and manhole and the demolition of the existing pump station. Mr. Bourg's responsibilities include handling the bidding phase and assisting with oversight for the construction of this project.</p>

TEC Professional Services Questionnaire

Sewer Lift Station Repairs/Upgrades *St. Bernard Parish, Louisiana*

Mr. Bourg provided professional services required to provide contract documents for public bid for the design and construction administration of repairs to over 20 flood damaged sewer lift stations throughout St. Bernard.

Blimp Road Sewer Phase 1 and 2 *Houma Terrebonne Airport Commission, Houma, Louisiana*

Mr. Bourg performed and supervised staff engineers for the design of the Blimp Road Sewer Improvements for the Houma Terrebonne Airport Commission. Phase 1 of this project included the installation of approximately 2,540' of gravity sewer lines. Phase 2 of this project included the installation of approximately 1,400 of gravity sewer lines. These lines are each 8" in diameter, consistent with the Terrebonne Parish Consolidated Government standards for such improvements.

Bayou Country Sports Park *Houma, Louisiana*

This project consists of developing a 150-acre site for a sports and recreational complex and includes roadways, parking areas, water, sewer, drainage and other recreational site improvements. This project included evaluating the existing site hydrology and developing a master drainage plan that limits the 25 year synthetic discharge to the pre-existing 10-year storm. Site specific difficulties includes accounting for inundation from high tail water events, providing additional capacity for storm runoff from adjacent upstream sites and having to reduce pre-existing discharges into adjacent sites to no discharge. Specific tasks included hydrologic analysis of existing and developed conditions and preliminary hydraulic design.

South Plaquemines High School – Athletic Sports Complex *Plaquemines Parish, Louisiana*

Project consisted of developing an athletic sports complex for South Plaquemines High School that included a football field, track and field, a field house building, a restroom and concessions building and included associated paving, water, sewer and drainage. Mr. Bourg supervised staff engineers in the design of this project. Specific project tasks included hydraulic analysis of the built-out conditions, developing the site grading, paving and drainage plans, typical section and details, specifications, material quantities and cost estimates for the civil portion of the work. The cost estimate for the civil portion of this project was projected at \$3.1 million.

Polk St. Lift Station Rehab *Houma, Louisiana*

Mr. Bourg provided direction and oversight for the rehabilitation of the Polk St. Lift Station in Terrebonne Parish. This lift station was over 20 years old and needed updating. This rehabilitation will include converting the existing lift station from a dry well lift station to a two (2) submersible pump lift station and all associated required removals, piping, pump, electrical and structural work required for the conversion. The replacement pumps will provide the same performance capacity as the existing pumps.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jarret Bauer, P.E. <i>Civil Engineer</i>
Project Assignment:
Project Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
15
Education: Degree(s)/Year/Specialization:
Master of Science, Ongoing, Coastal and Ecological Engineering Bachelor of Science, 2007, Civil Engineering Bachelor of Science, 2005, Business Management
Active registration: Year first registered/discipline:
2011, Civil, Louisiana License No. 36720
Other experience and qualifications relevant to the proposed Project:
<p>Jarret Bauer is a graduate of Loyola University in New Orleans and Louisiana State University, achieving a B.S. in Civil Engineering and a B.A. in Business Administration from Loyola University in May 2005. Mr. Bauer has a distinguished career that spans over sixteen years of infrastructure design, construction administration, and project management experience primarily in the fields of transportation and facilities (residential and commercial). A majority of his experience has been hands-on management of large-scale construction projects for government municipalities along with a vast experience in disaster management assistance. His current expertise includes hazard mitigation projects involving hydraulic modeling using the latest software, Benefit-Cost Analysis using FEMA approved methodologies and tools to demonstrate the cost effectiveness of projects. His current and previous projects include:</p> <p>Sorrento Sewer Expansion Sorrento, LA This project consisted of a sewer layout design including several lift stations for roughly 5 miles in the Town of Sorrento. The purpose of this project was to incorporate the entire town into the existing sewer system. Mr. Bauer was responsible for designing and coordinating the design of gravity sewer lift stations, and oxidation pond improvements.</p> <p>Albany Sewer Treatment Plant – Hazard Mitigation BCA Albany, Louisiana Mr. Bauer developed a viable hazard mitigation project to install a sheet pile wall around the perimeter of an existing sewer treatment plant as a flood proofing measure. The Albany sewer treatment plant repeatedly flooded due to rising waters from the adjacent Little Natalbany River during significant rain events. A vinyl sheet pile wall was proposed around the perimeter of the site, and the existing treatment plant features were retrofit with more flood proofing</p>

TEC Professional Services Questionnaire

measures. Treatment ponds were lined with concrete in lieu of natural earth, and final treatment processes damaged during high water events were replaced with flood-proof systems. Mr. Bauer performed a cost estimate for the project and all Benefit-Cost Analysis requirement using the current BCA toolkit to create a favorable benefit-cost ratio for grant funding.

Norco Sewer Improvements *St. Charles Parish, Louisiana*

The Lake Pontchartrain Restoration Program was involved the rehabilitation of the existing Marino Pump Station. This facility pumped to an adjacent station in the sewerage treatment system of St. Charles Parish. The original facilities contained 4, above-ground pumps. These pumps were removed, and the system was converted to a submersible system in order to provide greater storage capacity at this station.

Miscellaneous Sewer Lift Station Repairs *Plaquemines Parish/St. Bernard Parish, Louisiana*

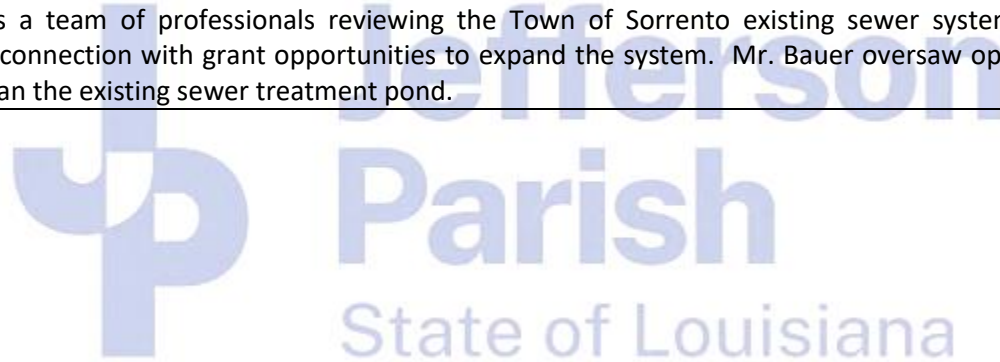
Mr. Bauer worked on the evaluation of over 80 sewer lift stations damaged during Hurricane Katrina and prepared construction documents for many of the repairs. The repairs included new motors, pumps, wet well coatings and electrical panels.

Town of Springfield Sewer Lift Stations Project Hazard Mitigation Evaluation *Springfield, Louisiana*

Mr. Bauer completed the hazard mitigation grant application on behalf of Livingston Parish that was subsequently approved and is being used to fund design and construction of the project. The project involves constructing a concrete floodwall around the perimeter of the site, elevating electrical, creating access stairs into the project area, and construction an overhead rail crane to facilitate pump maintenance.

Town of Sorrento Sewer System Evaluation and Grants Management *Sorrento, Louisiana*

Mr. Bauer leads a team of professionals reviewing the Town of Sorrento existing sewer system and lift station performance in connection with grant opportunities to expand the system. Mr. Bauer oversaw operation to dredge material and clean the existing sewer treatment pond.



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jack Hingle, P.E. Senior Civil Engineer
Project Assignment:
Senior Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
7
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, 1979, Louisiana State University
Active registration: Year first registered/discipline:
1987/ Civil PE Louisiana License No. 22622
Other experience and qualifications relevant to the proposed Project:
<p>Jack Hingle joined All South Consulting Engineers in 2014, bringing over 30 years of engineering experience. Mr. Hingle has extensive drainage, sewage, water, and roadway experience performing such design for local parishes and the LA DOTD.</p> <p>Polk St. Sewer Lift Station Rehabilitation <i>Houma, Terrebonne Parish, Louisiana</i> This project scope included performing the area topographic survey by in house personnel under my direction of an existing sewer lift station with 2 overhead pumps in a concrete wet well and above ground equipment housing; then developed design/engineering plans and details, specifications and costing for the demolition of existing pumps, replacing with 2 submersible more efficient pumps with all associated piping, structural, wet well coating and electrical details necessary to convert to SCADA system. All coordinated with and under guidance/approval of the Terrebonne Parish Consolidated Government engineering office to bidding, award and construction administration phase.</p> <p>Westside Blvd. /Alma St. Drainage Improvements <i>Terrebonne Parish, Louisiana</i> Mr. Hingle investigated and interpreted survey data to determine resolution for conflicts involved with drainage improvements project for Terrebonne Parish between proposed drainage structures with any existing municipal utilities (water and sewer) as well private (gas) and develop plan with profile drawings to convey the resolution via either conflict structures, offsets etc. all coordinated with the Terrebonne water and sewer department engineers. Developed final engineering plans and specifications for eventual bid/construction; coordination all with CAD staff.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Steven Schorr, P.E. Civil Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
8
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, 2009 Minor in Structures, 2009
Active registration: Year first registered/discipline:
2015, Civil, Louisiana License No. 39515
Other experience and qualifications relevant to the proposed Project:
<p>Steven Schorr, PE joined All South as a licensed Engineering Intern in 2013. Mr. Schorr is providing engineering design, and construction administration on several roadway and drainage projects including Slidell FEMA Roads program and previously the Jefferson Parish FEMA Roads program. He has worked closely with the contractors and residents to making sure all complaints are addressed. Mr. Schorr's relevant experience includes:</p> <p>Install Permanent Sewer Connections to Multiple State Parks: Multiple State Parks, Statewide, Louisiana</p> <p>This project consists of the analysis and design of permanent sewer connections to provide RV Spots with sewer discharge capabilities at multiple state parks throughout Louisiana. From the beginning of these projects, Mr. Schorr has taken part in project meetings with state agencies such as Facility Planning and Control; designed layouts for gravity and force main sewer throughout all RV parking areas including RV sewer hookups, cleanouts, manholes, gravity main lines and laterals, jack-and -boring of pipe, sewer lift stations, sewer force mains, and sidewalk and pavement restoration – all the while adhering to relevant plumbing coeds and requirements for all design components; developed design quantities and cost estimates; developed project specifications catering to the regulations of the Facility Planning and Control guidelines; contacted and worked with permitting agencies to ensure any and all permits were applied for and obtained. Mr. Wetzel has worked closely with members of the Louisiana Office of State Parks, members of the Louisiana Office of Facility Planning and Control, as well as staff members who work at each Louisiana State Park such as park managers and maintenance operators.</p>

TEC Professional Services Questionnaire

Houma Terrebonne Airport Commission

Mr. Schorr is providing engineering support to lead engineer for the Improvements that include the construction of approximately 2500' gravity sewer line that will connect with the existing sewer system on the HTAC property. All South will also be coordinating these plans and improvements with the Terrebonne Parish Consolidated Government to ensure compliance with applicable Parish guidelines.

Tolmas Drive Sewer Force Main Metairie, Louisiana

Mr. Schorr was provided professional engineering services for the Tolmas Drive Sewer Force Main sewer improvements in Metairie which consisted of directional boring roughly 5,000 feet of force main pipe and gravity lines and installing manholes with air release valves. Mr. Schorr was responsible for the design layout of sewer force main beneath concrete streets and coordinating with utilities to avoid any conflicts. He compiled materials quantities, cost estimate and other contract documents including technical specifications, and developed the traffic control plan layout for this project. This project had a very short timeline to meet the commitments made to the developer by the Parish. From selection by the council to signed construction contract was performed in 6 months.

Schneider Canal Drainage Basin Infrastructure Repairs Slidell, Louisiana

Mr. Schorr was the primary project manager for the rehabilitation of about 65,569 SY of concrete road panels and over 37,902 SY of asphalt roadway in Slidell, Louisiana. This project also included 42,259 LF of Sewer Repairs and 10,464 LF of Drainage Repairs. These streets were damaged in Hurricane Katrina, and Mr. Schorr provided day to day management of the design and construction management for this project. This project consisted of reviewing and including eligible FEMA roadway, drainage and sewer repairs in a set of project documents. Mr. Schorr's duties included overseeing all design and assuring that all eligible work was included in the project plans. He also created details and roadway sections to illustrate how to the work should be constructed.

W-14 Drainage Basin Infrastructure Repairs Slidell, Louisiana

Mr. Schorr was the primary project manager for the rehabilitation of about 40,500 SY of concrete road panels and over 12,300 SY of asphalt roadway in Slidell, Louisiana. This project included 2,151 LF of Drainage Repairs and 21,404 LF of Sewer Repairs. These streets were damaged in Hurricane Katrina, and Mr. Schorr provided day to day management of the design and construction management for this project.

Bayou Vincent Drainage Basin Infrastructure Repairs Slidell, Louisiana

Mr. Schorr was the primary project manager for the rehabilitation of about 2,885 SY concrete road panels and over 47,920 SY of asphalt roadway in Slidell, Louisiana. This project also included 23,333 LF of Sewer Repairs and 5,654 LF of Drainage Repairs. These streets were damaged in Hurricane Katrina, and Mr. Schorr provided day to day management of the design and construction management for this project. This project consisted of reviewing and including eligible FEMA roadway, drainage and sewer repairs in a set of project documents. Mr. Schorr's duties included overseeing all design and assuring that all eligible work was included in the project plans. He also created details and roadway sections to illustrate how to the work should be constructed.

Bayou Bonfouca Canal Drainage Basin Infrastructure Repairs Slidell, Louisiana

Mr. Schorr was the primary project manager for the rehabilitation of about 46,000 SY concrete road panels and over 48,887 SY of asphalt roadway in Slidell, Louisiana. This project also included 21,000 LF of Sewer Repairs and 13,000 LF of Drainage Repairs. These streets were damaged in Hurricane Katrina, and Mr. Schorr provided day to day management of the design and construction management for this project. During construction of the project, scope was added to repair over 700 LF of 4'x6' box culverts. Mr. Schorr performed all aspects of design and construction admin for the projects which included precast boxes, cast in place box culverts, and cured in place pipe (CIPP) repairs for areas that were inaccessible from above ground. Construction admin for the project included coordinating construction phases with the contractor, resident inspector and Owner, and working with the contractor to resolve unforeseen construction conditions.

TEC Professional Services Questionnaire

PROFESSIONAL IN CHARGE OF PROJECT:
Name & Title:
Scott Wetzel, E.I. <i>Engineering Intern</i>
Project Assignment:
Engineer Intern
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
3
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, 2019
Active registration: Year first registered/discipline:
2020, Civil Engineer Intern, Louisiana License No. 34471
Other experience and qualifications relevant to the proposed Project:
<p>Scott Wetzel joined All South in July of 2019 after graduating from LSU in May of 2019. He recently received his license as an Engineering Intern. During his time with All South, Mr. Wetzel has assisted different Engineers with a variety of projects performing various tasks. He has assisted in roadway and drainage projects providing help with design and construction administration for multiple Slidell FEMA projects. Mr. Wetzel has worked closely with contractors, inspectors, and residents to ensure all complaints and issues are addressed. His experience includes the following:</p> <p>Install Permanent Sewer Connections to Multiple State Parks: <i>Multiple State Parks, Statewide, Louisiana</i></p> <p>This project consists of the analysis and design of permanent sewer connections to provide RV Spots with sewer discharge capabilities at multiple state parks throughout Louisiana. From the beginning of these projects, Mr. Wetzel has taken part in project meetings with state agencies such as Facility Planning and Control; designed layouts for gravity and force main sewer throughout all RV parking areas including RV sewer hookups, cleanouts, manholes, gravity main lines and laterals, jack-and -boring of pipe, sewer lift stations, sewer force mains, and sidewalk and pavement restoration – all the while adhering to relevant plumbing coeds and requirements for all design components; developed design quantities and cost estimates; developed project specifications catering to the regulations of the Facility Planning and Control guidelines; contacted and worked with permitting agencies to ensure any and all permits were applied for and obtained. Mr. Wetzel has worked closely with members of the Louisiana Office of State Parks, members of the Louisiana Office of Facility Planning and Control, as well as staff members who work at each Louisiana State Park such as park managers and maintenance operators.</p>

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DPW Capital Improvements Program – Lake Vista Infrastructure Repairs *New Orleans, Louisiana*

This project consists of roadway, drainage, sewer, and water restoration throughout a neighborhood in New Orleans. Mr. Wetzel will be heavily involved in the design of these full reconstruction streets, providing analysis using the HydroWin program, cost estimating, and developing the plans and specifications. He will also be performing the Construction Administration after the project goes under construction.

DPW Capital Improvements Program – Lakeview Infrastructure Repairs *New Orleans, Louisiana*

This project consists of roadway, drainage, sewer, and water restoration throughout a neighborhood in New Orleans. Mr. Wetzel will be heavily involved in the design of these full reconstruction streets, providing analysis using the HydroWin program, cost estimating, and developing the plans and specifications. He will also be performing the Construction Administration after the project goes under construction.

DPW Capital Improvements Program – Pines Village Infrastructure Repairs *New Orleans, Louisiana*

This project consists of roadway, drainage, sewer, and water restoration throughout a neighborhood in New Orleans East. Mr. Wetzel has been heavily involved in the Construction Administration for this project, assisting in day-to-day design and management. His tasks include developing survey proposals, checking grades to ensure proper drainage, tracking added and deleted scope, developing field and plan changes, running progress meetings, resolving construction delays and issues in the field, tracking quantities and processing invoices, tracking the progress of construction costs, cost estimating for value engineering of existing construction changes and field issues, managing resident inspectors, and working closely with the Contractor and City.

DPW Capital Improvements Program – Viavant-Lake Catherine Infrastructure Repairs *New Orleans, Louisiana*

This project consists of roadway, drainage, sewer, and water restoration throughout a neighborhood in New Orleans. Mr. Wetzel has assisted in developing design quantities for this project. He has worked closely with members of the City of New Orleans DPW and will be assisting in the Construction Administration for this job as well, performing some of the same tasks as mentioned in the Pines Village description.

DPW Capital Improvements Program – Uptown-West Riverside Infrastructure Repairs *New Orleans, Louisiana*

This project consists of roadway, drainage, sewer, and water restoration throughout a neighborhood in New Orleans. Mr. Wetzel has assisted in developing design quantities and cost estimates for this project. He has worked closely with members of the City of New Orleans DPW and will be assisting in the Construction Administration for this job as well.

DPW Capital Improvements Program – Audubon Infrastructure Repairs *New Orleans, Louisiana*

This project consists of roadway, drainage, sewer, and water restoration throughout a neighborhood in New Orleans. Mr. Wetzel has assisted in developing design quantities and cost estimates for this project. He has worked closely with members of the City of New Orleans DPW and will be assisting in the Construction Administration for this job as well.

Schneider Canal Drainage Basin *Slidell, Louisiana*

This project consists of roadway, sewer, and drainage repairs in Slidell. Mr. Wetzel has assisted with the day to day design and management of the concrete and asphalt roadway repairs, as well as the sewer and drainage lining and installation being performed in this area. Tasks included analyzing daily reports from resident inspectors, checking and processing invoices, cost estimating for the purposes of value engineering of existing construction changes and field issues, developing change orders, reviewing plans, resolving issues with construction delays and errors, and attending progress meetings and site visits.

W-14 Basin *Slidell, Louisiana*

This project consists of roadway, sewer, and drainage repairs in an area of the city of Slidell, LA. Mr. Wetzel has assisted with the day to day design and management of the concrete and asphalt roadway repairs, as well as the sewer and drainage lining and installation being performed in this area. Some tasks included analyzing daily reports from resident inspectors, checking and processing invoices, tracking the progress of construction costs, cost estimating for the purposes of value engineering of existing construction changes and field issues, developing change orders, reviewing plans, resolving issues with construction delays and errors, and attending progress meetings and site visits.

TEC Professional Services Questionnaire

PROFESSIONAL IN CHARGE OF PROJECT:
Name & Title:
John Teegarden, P.L.S. <i>Vice President/ Survey Division Manager</i>
Project Assignment:
Senior Professional Land Surveyor/ Survey Project Manager
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
7
Education: Degree(s)/Year/Specialization:
International Correspondence School, Surveying and Mapping Course (2-year course completed)
Active registration: Year first registered/discipline:
1990/ Professional Land Surveyor/ Louisiana License No. 4635 1999/ Professional Land Surveyor/ Mississippi License No. 2782
Other experience and qualifications relevant to the proposed Project:
<p>John S. Teegarden, PLS joined All South Consulting Engineers, LLC in 2014 as Vice President and Survey Division Manager. Mr. Teegarden has extensive experience in all aspects of land surveying including boundary, elevation, topographic, hydrographic, industrial, and construction projects. Over his 38-year career, he has participated in or directed surveys for a wide variety of clientele including local municipal and governmental agencies, state agencies, and federal agencies (including the U.S. Army Corps of Engineers). In his career, he has served as a Field Party Chief, Field Supervisor, CAD Technician, Project Manager, and Division Manager.</p> <p>Mr. Teegarden's varied project experience includes high precision survey control, single and multibeam hydrographic surveys, large boundary surveys, surveys for public right-of-way taking, topographic route surveys, mapping of subsurface utilities based on the markings provided by a subsurface utility engineering firm, coastal restoration projects, laser scanning surveys and GPS project surveys, to name just a few. This experience includes over 20 years' experience in directing and performing hydrographic surveys. He has executed and/or supervised numerous hydrographic surveying projects throughout Coastal Louisiana.</p> <p>Install Permanent Sewer Connections, Multiple State Parks Statewide, Louisiana</p> <p>Mr. Teegarden provided topographic surveying services to determine existing topographic features and conditions to aid in the design of permanent sewer connections for the Recreations Vehicle Parks located withing 9 Louisiana State Parks. There are approximately 570 recreational vehicle Campground sites that will receive the permanent sewer connections.</p>

TEC Professional Services Questionnaire

Blimp Road Sewer Phases 1 & 2 Houma Terrebonne Airport Commission, Houma, Louisiana

Mr. Teegarden conducted a topographic survey of the route for a new gravity sewer line using GPS and robotic total station. He processed files for import into AutoCAD Civil 3D and used the data to create a topographic survey map.

Bayou Country Sports Park Houma, Louisiana

Mr. Teegarden provided topographic survey services for several aspects of the Bayou Country Sport Park Development in Terrebonne Parish. This 140-acre development includes baseball, softball, soccer, and other amenities. Mr. Teegarden provided survey services to support the development of the drainage, water, sewer, and roadway improvements, and performed significant construction layout services.

DPW Capital Improvements Program – Pines Village New Orleans, Louisiana

Mr. Teegarden supervised multiple field crews providing topographic surveys for street, water, sewer, and drainage system repairs from damage caused by Hurricane Katrina. This project included +/- 75,600 ft of streets.

DPW Capital Improvements Program – Viavant–Lake Catherine New Orleans, Louisiana

Mr. Teegarden supervised and provided instructions to survey crews performing topographic surveys for road, water, and drainage system repairs as a result of Hurricane Katrina.

Breakwater Drive Improvements New Orleans, Louisiana

Mr. Teegarden and his crew conducted a topographic survey for Breakwater Drive in New Orleans. He was tasked with identifying the scope of damaged elements inside the footprint of Breakwater Drive, while highlighting the facility's history and cultural significance, as well as its pre-storm conditions and full description. From this survey, All South identified additional facilities not directly within the footprint of the breakwater but that depend on it for protection (includes marinas, restaurants/vendors, housing, yacht clubs, a lighthouse, fishing piers, and more) and were able to provide cost estimates for the demolition and repairs of the damaged elements in the area.

Reynes Street Topographic Survey, New Orleans, Louisiana

Mr. Teegarden and his staff provided a topographic survey of Reynes Street from South Claiborne Avenue to Florida Avenue in the City of New Orleans. This survey extended from right of way to right of way and was delivered on plan and profile sheets showing drainage and sewer and existing roadway conditions.

Canal No. 10 Underground Utility Locations Jefferson Parish, Louisiana

Mr. Teegarden provided topographic survey services for the West Esplanade at Canal 10 Drainage Improvements project. His responsibilities included a topographic survey of canal crossing, location of underground utilities located by subsurface utility engineering contractor and added to an existing topographic survey.

Lake Cataouatche Pump Station Topographic Survey Jefferson Parish, Louisiana

Mr. Teegarden and his team prepared a topographic survey at the site of the current Lake Cataouatche pump station located on Churchill Farms. The survey area adjacent to the existing pump station will be the site for a new pump station under design. The survey included cross sections of the site and the adjacent canal along with the location of improvements in the project area.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Taylor Casteigne, LSI Land Surveyor Intern, Survey Supervisor
Project Assignment:
Land Surveyor Intern
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
2
Education: Degree(s)/Year/Specialization:
Bachelor of Science / 2019 / Geomatics
Active registration: Year first registered/discipline:
2021/ Land Surveyor Intern/ Louisiana License No. 0000714
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Casteigne is a graduate from Nicholls State University with a degree in Geomatics. After graduation, he served as party chief and AutoCAD draftsman doing a variety of surveys for both roadways and pump stations in the state of Louisiana. He is well versed in the latest in surveying equipment technology to ensure a fast and accurate project survey.</p> <p>Riverbend Oxidation Pond <i>Jefferson Parish, Louisiana</i> Mr. Casteigne performed full topographic survey and CAD services, including locating all subsurface utilities in accordance with department standards for the design and construction of improvements for the Riverbend Oxidation Pond Pump Station and the installation of a new sewer force main. This included performing the necessary field work for the survey, then processing the data into a useable format. Once the data was in a useable format it is imported into Auto CAD, where the data is used to build a TIN surface. With this surface cross sections are generated over the required areas based on the scope. Contours are then generated showing lines of constant elevation. The budget for the project was tracked daily ensuring that the survey was completed on time and under budget. This included placing LA One Call tickets, giving field crews the list of tasks needed to complete the project, and ensuring the project was completed in an orderly fashion.</p> <p>Jefferson Parish Juvenile Services Survey <i>Metairie, Louisiana</i> Mr. Casteigne performed full topographic survey and CAD services, including locating all subsurface utilities in accordance with department standards for the design and construction of facility improvements. This included performing the necessary field work for the survey, then processing the data into a useable format. Once the data was</p>

TEC Professional Services Questionnaire

in a useable format it is imported into Auto CAD, where the data is used to build a TIN surface. With this surface cross sections are generated over the required areas based on the scope. Contours are then generated showing lines of constant elevation. The budget for the project was tracked daily ensuring that the survey was completed on time and under budget. This included placing LA One Call tickets, giving field crews the list of tasks needed to complete the project, and ensuring the project was completed in an orderly fashion.

Savanne Rd Drainage Improvements *Houma, Louisiana*

Mr. Casteigne performed full boundary surveying services for the acquisition of a servitude by Terrebonne Parish for drainage Improvements. This included performing the necessary field work for the survey, then processing the data into a useable format. Once the data was in a useable format it is imported into Auto CAD where a boundary map could be prepared.

St. Louis Canal Rd *Houma, Louisiana*

Mr. Casteigne performed full boundary surveying services for the acquisition of a servitude by Terrebonne Parish for drainage Improvements. This included performing the necessary field work for the survey, then processing the data into a useable format. Once the data was in a useable format it is imported into Auto CAD and have a boundary map prepared.

Bayou Barataria Waterline Crossing *Lafitte, Louisiana*

Mr. Casteigne performed full topographic and hydrographic survey services including data collection, data processing, data management, CAD, and project budget oversight. This includes performing the necessary field work for the survey, then processing the data into a fieldbook file. Once the data was in a fieldbook it is imported into Auto CAD, where the data is used to build a TIN surface. With this surface, Plan and Profile sheets could be generated along with cross sections across Bayou Barataria. This project was done at the request of Jefferson Parish for the installation of a new waterline running along Rosethourne Rd then crossing Bayou Barataria.

Avoca Island Topographic Survey *St. Mary Parish, Louisiana*

Mr. Casteigne performed full survey services including data collection, data processing, data management, CAD, and project budget oversight. This includes performing the necessary field work for the survey, then processing the data into a fieldbook file. Once the data was in a fieldbook it is imported into Auto CAD, where the data is used to build a TIN surface. With this surface cross sections are generated over the required areas based on the scope. This project was done at the request of Avoca Island for drainage improvements to be made on the island.

Lisa Park Development *Houma, Louisiana*

Mr. Casteigne performed full survey services including data collection, data processing, data management, CAD, and project budget oversight for improvements to be made in the open space at Lisa Park Elementary School. This included performing the necessary field work for the survey, then processing the data into a useable format. Once the data was in a useable format it is imported into Auto CAD, where the data is used to build a TIN surface. With this surface cross sections are generated over the required areas based on the scope. Contours are then generated showing lines of constant elevation. The budget for the project was tracked daily ensuring that the survey was completed on time and under budget. This included placing LA One Call tickets, giving field crews the list of tasks needed to complete the project, and ensuring the project was completed in an orderly fashion. This included placing LA One Call tickets, giving field crews the list of tasks needed to complete the project, and ensuring the project was completed in an orderly fashion.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jackson Sorrells Senior CADD Technician
Project Assignment:
CADD Technician III/ Draftsman
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Organizational Leadership, Land Surveying Studies, Ongoing Associate of Applied Science / 2017/ Civil Construction and Engineering Technology Associate of Applied Science / 2011/ Drafting and Design
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Sorrells joined the All South team after 8 years in the Land Surveying industry. His experience includes AutoCAD C3D which he utilizes in survey and design projects that include topographic, boundary, route corridor surveys, hydrographic surveys, ALTAs, field data input, plan and profile sheets, import/export of survey points, proposed design corridors, and volume calculations. Mr. Sorrells coordinates with field crews, drafters, engineers, and clients to generate AutoCAD C3D drawings and plan sheet sets from the beginning of a project to final stamped plans. His current and previous projects include, but not limited to:</p> <p>Multiple State Park Sewer Installation <i>Statewide, LA</i> This project consists of topography surveys and design of permanent sewer connections to provide RV Spots with sewer discharge capabilities at multiple state parks throughout Louisiana. Mr. Sorrells developed topographic survey drawings and design layouts for gravity and force main sewer throughout all RV parking areas including RV sewer hookups, cleanouts, manholes, gravity main lines and laterals, jack-and -boring of pipe, sewer lift stations, sewer force mains, and sidewalk and pavement restoration. Mr. Sorrells coordinated with several engineers/project managers to complete this project to their specifications since each site was unique.</p> <p>Munster Wastewater Treatment Plant <i>St. Bernard, LA</i> Mr. Sorrells prepared the topography survey and design layout for process blower replacement at the Munster wastewater treatment plant located in St. Bernard, Louisiana. Details and plan for a new support skid were drawn by Mr. Sorrells as well. A new canopy was needed for covering the new blowers, Mr. Sorrells developed these plans while coordinating with the project engineer.</p>

TEC Professional Services Questionnaire

Riverbend Oxidation Pond Improvements *St. Bernard, LA*

Mr. Sorrells prepared the topography survey and design plans for the improvement of the Riverbend oxidation pond. The project also included the design of a larger wet well, relocation of power supply, new aerators located around the oxidation pond, as well as upgrading the UV treatment system to a chlorination treatment system. Plan and profile drawings were created for the installation of a new sewer force main down E. Judge Perez Drive to the Mississippi river for discharge. Mr. Sorrells coordinating with the project engineer to complete this project in a timely manner.

Sorrento Sewer Design

Mr. Sorrells prepared the topographic survey and design plans for the installation of sewerlines, manholes and lift stations for the town of Sorrento. This project consisted of plan and profiles for multiple streets in the town of Sorrento. This project is in the design process and Mr. Sorrells is coordinating with multiple project engineers to complete this project.

Bayou Country Sports Park *Terrebonne Parish, Louisiana*

All South's role in this project was to develop new roadway, drainage, and utility plans for the development of a major sports park in Terrebonne Parish. Mr. Sorrells developed the site plan, roadway plan/profiles, drainage, water, and sewer drawings. He also prepared exhibits and alternate drawings for the drainage study associated with the project.

DPW Capital Improvements Program – Lake Vista *New Orleans, Louisiana*

Mr. Sorrells prepared survey baseline drawings, topographic plan sheets and profiles depicting the existing underground utilities for the streets in the Lake Vista project. These surveys depicted the elevations of the streets to show centerline and gutter line profiles, the surface created showed the many imperfections and potholing in the streets. Utility information was researched and observed to show the areas in need of repair or replacement of major drainage, sewer and water lines. Right-of-way lines, apparent lot lines, 3D surface, and cross sections were also included. Mr. Sorrells was also involved in the design phase of this project, coordinating with engineers and subconsultants to prepare drawings depicting the proposed new roadway, elevations, cross sections, new subsurface drainage, sewerage and water for approximately 4900' of roadway and sidewalks. This project also conformed to Orleans Parish DPW standards.

DPW Capital Improvements Program – Viavant – Lake Catherine – Venetian Isles *New Orleans, Louisiana*

Mr. Sorrells prepared plan surveys for multiple streets in the Viavant-Lake Catherine area. These surveys depicted the elevations of the streets to show centerline and gutter line profiles, the surface created showed the many imperfections and potholing in the streets. Included in this area were Catherine St, Victoria St, Reynes St., and America St. This project was approximately 1800' and included invert depths for the drainage, sewerage and water underground utilities.

DPW Capital Improvements Program – Audubon, Black Pearl, East Carrollton, Uptown, West Riverside, Pines Village *New Orleans, Louisiana*

Mr. Sorrells prepared survey baseline drawings, plan sheets and profiles depicting the underground utilities for the streets in the Uptown project. These surveys depicted the elevations of the streets to show centerline and gutter line profiles, the surface created showed the many imperfections and potholing in the streets. Utility information was researched and observed to show the areas in need of repair or replacement of major drainage, sewer and water lines. Also included were right-of-way lines, apparent lot lines, 3D surface, and cross sections.

DPW Capital Improvements Program – Uptown Streets, Lakeview East/West, Lakeshore, Viavant, Fairgrounds, Navarre, Lakewood, Mid City East/West, West End, Broadmoor, St. Claude *New Orleans, LA*

Mr. Sorrells has been heavily involved in the entire Orleans Parish Street Rehabilitation Projects. From Lakeview to Venetian Isles. Mr. Sorrells prepared baseline maps, project work aerals and coordinated with approximately 12 field crews. These projects included topographic surveys, subsurface drainage, sewerage and water profiles. Providing up to date field information was key in completing these jobs in a timely manner. Mr. Sorrells met with clients and engineers to obtain information vital to completing these projects.

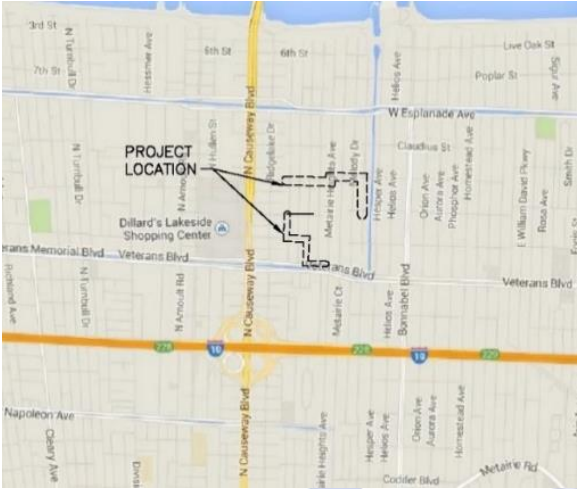
TEC Professional Services Questionnaire

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>Bellemeade at Ginette Lift Station <i>Gretna, Louisiana</i></p> <p>Jefferson Parish Government Neil Schneider, Capital Projects 1221 Elmwood Park Blvd. Jefferson, Louisiana 70123 (504) 736-6500</p>	<p>All South Consulting Engineers provided professional design services for the re-construction of an existing sewer pump station (P-12-7) at Bellemeade and Ginette to convert it from a self-priming station to a submersible pump station. The existing lift station was below grade therefore updates were needed to increase the flow rate to provide additional capacity to the community.</p> <p>Service included the preparation of construction plans and specifications for public bid, Construction Management and resident project representative for the following:</p> <ul style="list-style-type: none"> Replaced the existing lift station (750 GPM) with a new submersible duplex lift station (800-900 GPM). New submersible lift station was located within Ginette St. to minimize by-pass pumping. Provided new pile supported 8' diameter fiberglass wet well. Provided two new submersible pumps. Tied into existing 8" SFM and maximized pump capacity at 7u fps of velocity through force main (approx. 900 GPM). Valve pit located within Ginette St. and should be of sufficient size to house valves, EPO with room for maintenance of valves. Both the wet well and valve pit have hatched capable of H-20 traffic load. Existing road (Ginette St.) was removed and replaced per Jefferson Parish standards. Existing lift station was demolished below grade and backfilled after completion of new pump station. <p>Construction Administration Duties included preparation of construction documents including plans and specifications, assisting Jefferson Parish with bidding and oversight of construction activities.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
05/2017	\$785,205	\$186,565

TEC Professional Services Questionnaire

PROJECT NO. 2		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Tolmas Tract Force Mains <i>Jefferson Parish, Louisiana</i></p> <p>Jefferson Parish Government Brett Todd Director of Sewerage 1221 Elmwood Park Blvd. Jefferson, Louisiana 70123 (504) 736-6661</p>	<p>All South Consulting Engineers was selected to provide professional engineering and supplemental services for the installation of Tolmas Tract Force Mains.</p> <p>The Jefferson Parish Sewerage Department determined a need for installation of new Tolmas Tract Force Mains to relocate and extend the existing force mains from lift stations G7-3, G7-5 and G8-2 directly to lift station G7-6 out of the Tolmas Tract development area.</p> <p>All South has conducted a preliminary assessment of the area and developed preliminary solutions. The scope of the project was to eliminate the overflows by upgrading the force mains & modifying the Lift Stations if needed for adequate flow rates. The Scope includes evaluating 2 (two) proposed force main extensions and abandoning 1,500' of existing 8" sewer force main.</p> <p>The first proposed 12" force main extension was approximately 2,100' beginning from sewage lift station G7-3 at the southern apparent R/W of 20th St. at Tolmas Drive and proceed south along Tolmas Dr. to the southern apparent R/W of 22nd St. then east along 22nd St. to 50 ft. past Clifford Drive. From 22nd Street south along Clifford Drive to the north edge of Veterans Blvd. and along Veterans Blvd. to the western apparent R/W of Metairie Heights Avenue.</p> <p>The second proposed 12 force main was approximately 2,900' beginning at the southern apparent R/W of 17th St. at Tolmas Drive and proceeded east along 17th St. to the eastern apparent R/W of Metairie Heights then north along Metairie Heights to 17th St. from Metairie Heights east along 17th St. to the east edge of Beverly Gardens and south along Beverly Gardens to Lift Station LS G7-1 on the southern apparent R/W of Beverly Gardens.</p> <p>Abandoned in-place approximately 1,500' of the existing 8" sewer force main between 17th Street and 22nd Street along Tolmas Drive.</p>	
	<p>Estimated Cost:</p>	
	Entire Project:	Work for which Firm was Responsible:
01/2016	\$1,100,000	\$126,112

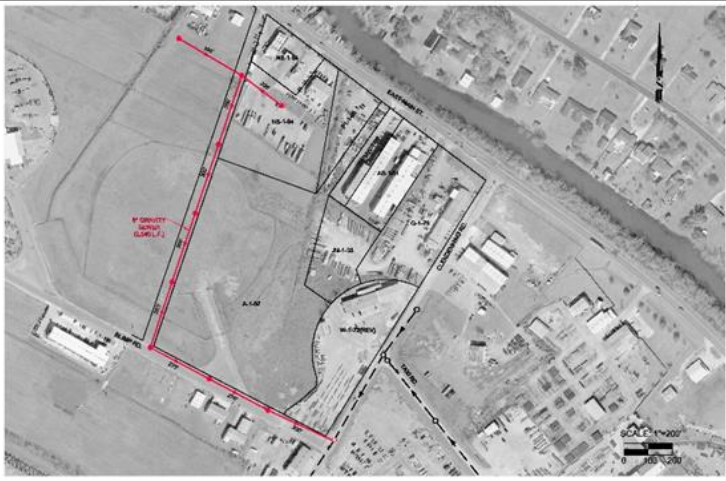
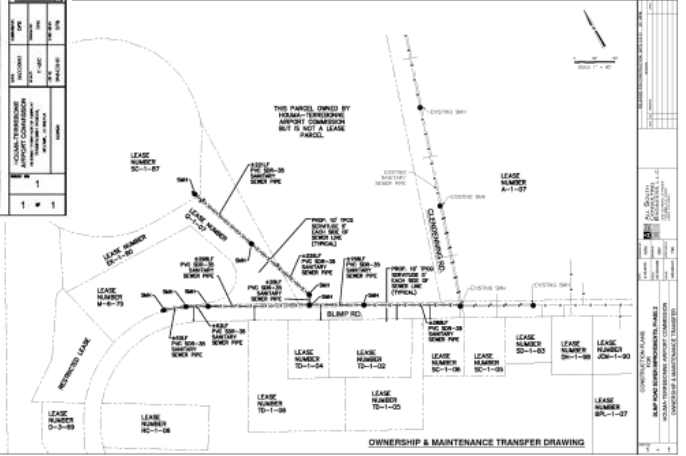
TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Polk Street Sewer Lift Station Rehabilitation <i>Houma, Louisiana</i></p> <p>Terrebonne Parish Consolidated Government Pollution Control P.O. Box 2768 Houma, La 70361 (985) 850-4626</p>	<p>The Terrebonne Parish Consolidated Government (TPCG) selected All South Consulting Engineers to rehabilitate the Polk St. Sewer Lift Station. This rehabilitation included converting the existing lift station from a dry well lift station to a two (2) submersible pump lift station and all associated required removals, piping, pump, electrical and structural work required for the conversion. The replacement pumps provide the same performance capacity as the existing pumps. The work also included the clean out and coating of the wet well and upgrades necessary to connect the lift station with the SCADA control system.</p> <p>All South provided engineering, design, survey, construction administration, and resident inspection services for this project on behalf of the Terrebonne Parish Consolidated Government. The work was performed sufficiently to allow for the advertisement, bidding, and construction of this project in conformance with the La. Public Bid Law, and related rules and regulations. Our firm provided the necessary plans and specifications and supported the TPCG during advertisement and bidding of the project. Additionally, All South provided a recommendation for award based on the bids received and assisted in construction administration of the project.</p>	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
03/2019	\$365,150	\$49,500

TEC Professional Services Questionnaire

PROJECT NO. 4						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Munster Sewer Treatment Plant Blower Replacement <i>St. Bernard Parish, Louisiana</i></p> <p>St. Bernard Parish Government Matt Falati, Public Works Director 1125 E St Bernard Highway Chalmette, LA 70043 (504) 278-4200</p>	<p>All South Consulting Engineers was contracted by St. Bernard Parish Government to provide engineering services for the Munster Sewer Treatment Plant Blower Replacement project.</p> <p>The project included construction documents to remove three existing turbo blowers on a platform and replacing with new 300 HP Centrifugal Blowers mounted on metal platform with sound cover. The design included reconfiguring existing controls to work new blowers, new electrical panels, mechanical piping and slab foundation.</p> <p>All South performed topographic surveying engineering design, construction administration and resident inspection. Existing blowers were corroding due to being placed directly above the aeration basin and have been replaced several times. All South developed plan to relocate new blowers to a convenient site for piping, controls and new electrical distribution at the least expense to the owner. The design of platform included cantilever over existing utilities to allow for easy maintenance to blowers or existing utilities.</p> <p>All South worked closely with the owner to develop the construction sequence to reduce any down time of the system.</p> <div style="text-align: right;">  </div>					
<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;">06/20202</td> <td style="text-align: center; padding: 5px;">\$1,071,900</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	06/20202	\$1,071,900
Entire Project:	Work for which Firm was Responsible:					
06/20202	\$1,071,900					

TEC Professional Services Questionnaire

PROJECT NO. 5						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Blimp Road Sewer Improvements <i>Houma, Louisiana</i></p> <p>Houma Terrebonne Airport Commission Joe Wheeler, Executive Director 10264 East Main Street Houma, LA 70363 (985) 872-4646</p>	<p>The Houma Terrebonne Airport Commission asked All South to assist in the implementation of a sewer improvement program at the HTAC Industrial Park. This project was divided into two phases:</p> <ul style="list-style-type: none"> Blimp Road Phase 1 included the planning, design, and construction management of approximately 2,540' of gravity sewer lines along Blimp Road, and along an existing Right of Way reserved by the HTAC for future improvements Blimp Road Phase 2 included the planning, design, and construction management of approximately 1,400' of gravity sewer lines along Blimp Road <p>All South provided the topographic survey work and supervised the geotechnical work for both phases. The project site included many existing utilities and obstructions, which All South accounted for in the plans and specifications.</p> <p>These lines will be 8" in diameter, consistent with the Terrebonne Parish Consolidated Government standards for such improvements. The plan calls for manholes installed on a regular basis, again consistent with TPCG standards.</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="width: 50%; padding: 10px; text-align: center;">\$626,106</td> <td style="width: 50%; padding: 10px; text-align: center;">\$78,940</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	\$626,106	\$78,940
Entire Project:	Work for which Firm was Responsible:					
\$626,106	\$78,940					
<p>06/2014</p>	<p>\$626,106</p>	<p>\$78,940</p>				

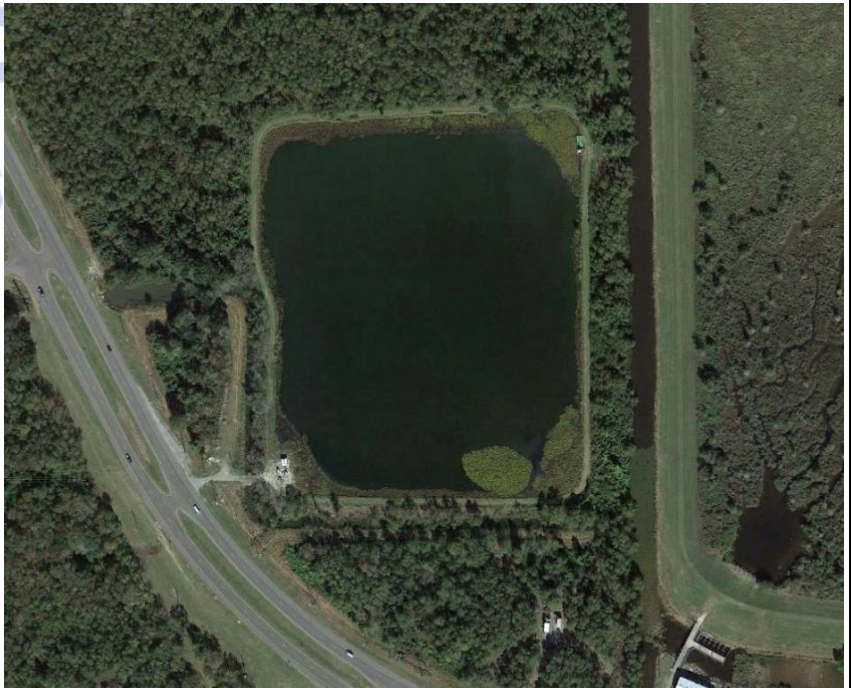
TEC Professional Services Questionnaire

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Sewerage & Water Board (7) Lift Stations <i>New Orleans, Louisiana</i></p> <p>Sewerage and Water Board of New Orleans 625 Saint Joseph St New Orleans, LA 70165 (504) 529-2837</p> <div style="display: flex; flex-direction: column; align-items: center;">        </div>	<p>All South provided engineering services for the design and reconstruction of (7) pump stations that sustained hurricane related damage for the Sewerage and Water Board of New Orleans Wastewater Rehabilitation Program. The project included the evaluation and the preparation of construction documents to bring stations to pre-Katrina levels.</p> <p>City Park SPS is a walk-in suction-lift station; flow discharges the station via an 8" force main and connects to a force main through a 36" force main. Station collects wastewater from the surrounding gravity fed sewer system into a 21.5' deep reinforced concrete wet well.</p> <p>Alcee Fortier SPS is an underground suction-lift station. Wastewater discharges the station via a 10" diameter force main for approx. 2000' where it begins gravity flow and is re-pumped. The station collects wastewater from the surrounding gravity sewer system into a 23.5' deep concrete wet well.</p> <p>Castle Manor SPS is a bi-level suction lift station. This equipment is housed in a 10' x 10.3' brick dry well structure, which is partially below grade.</p> <p>SPS 20 is a bi-level suction lift station and discharges to a 16" force main via a 12" force main. Equipment is housed in a 12.3' by 11'. brick dry well structure which is partially below grade. The depth of the pump room section of the dry well is 7'.3'. The station collects wastewater from the surrounding gravity sewer system into a 15.9' deep brick wet well.</p> <p>Cerise Pump SPS is a bi-level suction lift station that discharges to a 30" force main via approx. 30' of 6" diameter force main. The station contains two 6" by 6" Fairbanks Morse horizontally aligned pumps. The depth below grade of the pump room section of the dry well is 7.1' and collects wastewater from the surrounding gravity sewer system into a 14.5' deep brick wet well.</p> <p>Gentilly Oaks SPS is a bi-level suction lift station; flow discharges the station and connects to the 24" portion of a force main. This station contains two 6" by 6" Nash horizontally aligned pumps powered by a 60 horsepower Atlas Electric motor operating at a speed of 1770 rpm.</p> <p>Lakeland Terrace SPS is a bi-level suction lift station; flow discharges the station and connects to a 24" force main. This station contains two 6" by 6" Nash horizontally aligned pumps. This station collects wastewater from the surrounding gravity sewer system into a 14' deep cement lined brick wet well.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
08/2010	\$400,000	\$61,351

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Sorrento Oxidation Pond <i>Sorrento, Louisiana</i></p> <p>Town of Sorrento Chris Guidry, Mayor 8173 Main Street Sorrento, LA 70778 (225) 675-5337</p>	<p>The Town of Sorrento experienced significant inundation to their sewer oxidation pond and surrounding areas during the 2016 Flood. As a result of those events, All South worked with FEMA to develop a flood mitigation project for the oxidation pond. The Sorrento Oxidation Pond complex consists of multiple cells oriented in series with transfer pipes between each cell. Three cells are following by discharge into a rock-reed filter that addresses final filtration.</p> <p>All South worked with FEMA to obligated a flood mitigation project that included dredging the existing ponds and addressing damages to the existing rock-reed filter.</p> <p>In 2021, as a result of Hurricane Ida, the Sorrento Oxidation Pond began to shows signs of blockages in the cells. After investigated the issues, All South was able to identify the issue within the rock-reed filter. All South developed a scope that included excavating a drainage path within the rock-reed filter to restore flows throughout the system. As part of this project. All South was able to fortify the existing earthen berms around the pond to provide additional flood protection. The earthen berms were elevated and repaired to address degradation and erosion issues over time.</p> <p>All South was able to focus on the fact that the oxidation pond had existing earthen berms around the site. These berms eroded over time and were offering little to no external flood protection. All South assessed the project site, including any available space. Because the area surrounding the pond was relatively flat, our firm was able to re-introduce the earthen berms around the cells without jeopardizing operation of the pond.</p> <p>All work on this project was completed timely and within budget.</p> <div style="text-align: center;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
10/2020	\$100,000	\$35,000

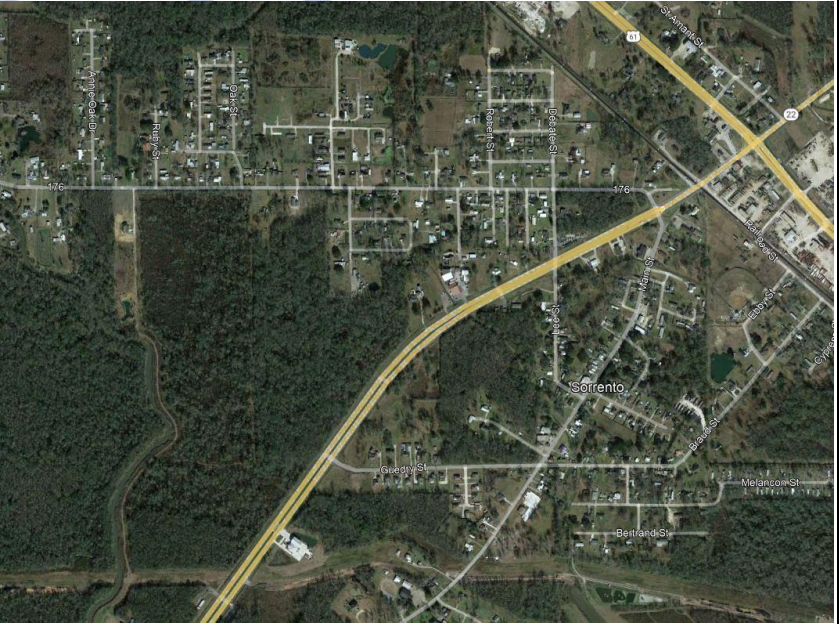
TEC Professional Services Questionnaire

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Riverbend Oxidation Pond <i>New Orleans, Louisiana</i></p> <p>City of New Orleans Mike Chorazak Project Manager 1300 Perdido Street New Orleans, LA 70112 (504) 508-0217</p>	<p>St. Bernard Parish Government has hired All South Consulting Engineers, LLC to provide professional engineering services for the Riverbend Oxidation Pond Improvements project. This scope of services involves surveying, pre-design CCTV investigation, and design. In addition, All South is providing a Predesign Investigation Report detailing the constructability for the proposed improvements.</p> <p>All South investigated the feasibility of creating an isolation cell in the existing oxidation pond, increasing the treatment capacity by upgrading the UV treatment system to a chlorination treatment system, installing a new force main down Judge Perez or rerouting the existing force main, and repurposing an existing abandoned 15" steel force main to carry treated effluent from E. Judge Perez Drive to the Mississippi River for discharge.</p> <p>The project is currently under design. The project also includes design of a larger wet well to accommodate the increased capacity, relocation of power supply for the plant, aerators located around the oxidation pond to improve sludge activation and to keep sludge out of the isolation pond, and redesign of the plant's intake.</p> <div style="text-align: center;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing (12/2022 est.)	\$2,451,765	\$351,765

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Install Permanent Sewer Connections Multiple State Parks <i>Statewide, Louisiana</i></p> <p>Louisiana Office of State Parks Leigh LaFargue, Facility Project Planner 1051 N. Third Street Baton Rouge, LA 70802 (225) 342-8101</p>	<p>All South is performing the design, survey, bidding, and construction administration for the Install of Permanent Sewer Connections project. This project consists of design and construction of permanent sewer connections in the RV Campgrounds at the following 9 Louisiana State Parks:</p> <ul style="list-style-type: none"> Bayou Segnette State Park Chicot State Park Fontainebleau State Park Jimmie Davis State Park Lake Bistineau State Park North Toledo Bend State Park Palmetto Island State Park Sam Houston Jones State Park Tickfaw State Park <p>There are approximately 570 recreational vehicle Campground sites that will receive the permanent sewer connections. The scope also includes but is not limited to installation of sewer lift stations, piping, trenching, clearing/grubbing, etc. as necessary. This project is funded by a Federal Grant Award from the US Department of Commerce Economic Development Administration (EDA) and will require Davis-Bacon Act wage determinations and other reporting requirements. All State Parks involved will remain operational during design and construction.</p> <p>Options for installation of sewage lines includes clearing trees to create a utility servitude, jack and bore under existing obstacles, traditional open cutting, and directionally drill forced sewer mains. It has been determined that the existing park sewer lift stations and treatment plants have sufficient capacity to handle the increased sewer flow from the added sewer improvements to all recreational vehicle spots. Sewer laterals will be 4" minimum in diameter and sewer mains will be 8" minimum in diameter. Laterals will be tied into main sewer lines via wye couplings in most cases, however the use of sewer manholes will be required avoiding obstacles in some of the State Parks.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing (03/2022 est.)	\$3,705,604	\$231,004

TEC Professional Services Questionnaire

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Sorrento Sewer Expansion <i>Town of Sorrento, Louisiana</i></p> <p style="margin-left: 40px;">Town of Sorrento Chris Guidry, Mayor 8173 Main Street Sorrento, LA 70778 (225) 675-5337</p>	<p>Much of the Town of Sorrento did not have access to the towns sewer system. As a result, the Town of Sorrento proposed a project to incorporate the rest of the town into the existing sewer system. All South was tasked with designing a layout that would provide the most efficient service to maximum number of customers ultimately tying into the existing sewer line. This design ran adjacent to roughly five miles consisting of local streets and an arterial road.</p> <p>All South proposed a gravity sewer line to incorporate all new connections to the existing system. Due to the large area this sewer line had to serve, many lift stations were needed for the design.</p> <p>After consultation with Town of Sorrento's oxidation pond testing agency, All South determined the existing oxidation ponds had sufficient capacity to serve new customers provided by the expansion. However, the increase in effluent did require modifications to be made to the oxidation pond. Proposed modifications included: increased aeration in two of the three cells, a bar screen for solids removal in cell one, and erosion control measures for pond banks.</p> <p>This project is currently ongoing, and design is projected to be completed before Summer 2022.</p> <div style="text-align: center;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	TBD	\$270,000

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. IMC Construction	Jefferson Parish	Jefferson Parish filed 3 rd party demand to All South Consulting Engineers, LLC. Status is pending
2.		
3.		
4.		

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



All South Consulting Engineers, LLC is a Limited Liability Company owned by Timothy Bonura, Jens J. Nielsen Jr., and Stephen Smith. Established in May 2004, All South is a multi-disciplinary firm that provides Civil and Structural Engineering, Land and Hydrographic Surveying, Program and Grant Management, Construction Administration and Inspection, and Disaster Management to federal, state, and municipal agencies, as well as, private clients throughout the Gulf Coast.

» PROFESSIONAL TRAINING AND EXPERIENCE «

All South has substantial experience in the Civil Engineering, Project Management, Land Surveying, and Resident Inspection services pertinent to the scope of work outlined in the request for this proposal. All South has completed various public utility projects in South Louisiana since 2004, including many years of experience in the design and construction management of Jefferson Parish Sewer Projects. In designing these projects, our professionals keep in mind the future maintenance and additional needs that may be required. Having proper alignment and clearances ensures that when emergency maintenance is needed, there is minimal impact on traffic flow or disruption to the functionality of the community. In addition to our technical ability, these projects were successfully completed in a timely manner and within budget. Additional experience can be found in the above resumes and project descriptions.

All South's licensed professionals all obtain over 15 hours annually of continuing education along with several in house seminars. These courses are all designed to make sure our staff is up to date with all the latest construction materials and methods. All South maintains annual agreements with AutoCAD and Civil 3D to keep us up to date with the latest computer software's. Each design professional researches the proper continuing education courses to help further their experience in the proper fields.

TEC Professional Services Questionnaire

Our staff performs a wide variety of design and administrative services for our clients. These services span multiple design specialties, and we rely on this versatility to offer a more complete service. All South's specialties span from design, to construction and project management, to onsite resident inspection, to a variety of surveying applications. More specifically, a list of our applicable specialties for this proposal is included below.

ENGINEERING DESIGN		
Water <ul style="list-style-type: none"> • Water Modeling • Water Treatment • Water Distribution Systems Drainage <ul style="list-style-type: none"> • Hydraulic/Hydrologic Studies • Collection Systems • Open Channels (Structural/Earthen) • Retention Ponds • Detention Ponds • Pump Stations Sewer <ul style="list-style-type: none"> • Computer Modeling • Treatment Plants • Collection Systems • Lift Stations • Force Mains 	Coastal <ul style="list-style-type: none"> • Land Development • Levees • Wetland Development • Marsh Re-creation • Mitigation • Dredging Flood Control <ul style="list-style-type: none"> • Locks • Flood Gates • T-Walls • I-Walls • Earthen Levees • Structural Levees • Sheet Pile Structures Land Development <ul style="list-style-type: none"> • Civil Site Services 	Transportation <ul style="list-style-type: none"> • Traffic Counts • Traffic Impact Analysis • 3D Modeling • Concrete Roadway • Asphalt Roadway • Bridge Design Recreational <ul style="list-style-type: none"> • Recreational Fields • Bicycle/ Pedestrian Paths • Master Plans Public Utilities Structural <ul style="list-style-type: none"> • Buildings • Retaining Walls • Shallow and Deep Foundations • Existing Facility Structural Analysis
SURVEYING	PROGRAM/ GRANT MANAGEMENT	CONSTRUCTION MANAGEMENT
<ul style="list-style-type: none"> • Boundary/ALTA-NSPS Survey • Construction Survey • Control Survey • Data Processing • Elevation Survey • GIS Data Acquisition • HDS (High Definition) Laser Scanning • Hydrographic Survey • Pipeline Survey • Topographic Survey • Right of Way 	<ul style="list-style-type: none"> • Grant Writing and Management • Public Assistance • Application Development • Planning • Cost Estimating • Reimbursements • Scheduling • Plan Review • Document Control • Program Database Development • Problem Solving 	<ul style="list-style-type: none"> • Bidding and Advertising • Resident Project Representative • Document Control • Cost Control • Safety Review • Field Engineering • Close Out Documentation • As Built Drawing Development

Our survey crews use the latest of field equipment to deliver for our clients, including:

• Leica GS-14 GPS Receivers	• G-882 Magnetometer
• AutoCAD Stations Civil 3D, Microstation, InRoads, CadConform	• Four wheel off road vehicles / marsh buggies
• 26' Scully Aluminum Boat with Dual 150 h.p. motors	• 14' Aluminum Flat Boat
• DJI Inspire 2 Aircraft with Zenmuse X4S Payload	• DJI Phantom 4 Advanced Aircraft
• 6' Z-boat, remotely operated hydrographic survey boat	• DJI Mavic Pro Aircraft
• Odom Hydrographic CV100 dual frequency Echosounder	• Hypack – Hydrographic software

» SIZE OF FIRM «

The All South staff includes 66 professionals driven to excellence and focused on our clients' needs. We are made up of 11 Louisiana Licensed Professional Engineers, 5 Engineering Interns, 1 Professional Land Surveyor, 1 Land Surveyor Intern. Our staff also includes program managers, CADD technicians/draftsmen, grant specialist, field monitors and administrative support staff, all of which provide years of experience to help ensure that our work is exceptional.

TEC Professional Services Questionnaire

» CAPACITY FOR TIMELY COMPLETION «

With 66 employees and ample resources, All South has more than enough capacity to meet any deadlines that the Parish requests. Our team is committed to and capable of meeting all schedules and deadlines that the Parish requests to ensure timely completion of all projects.

Additionally, we will utilize Team Gantt software for this project as a means of communication and accountability between consultants and Parish personnel. Team Gantt is an excellent project management tool designed to help create, manage, and finish projects on time and on budget. This software allows us to change start and end dates, reorder tasks, and adjust timelines seamlessly. It allows us to see every project update and document on a single page and quickly share them with both internal and external stakeholders. Team Gantt allows us to effectively manage resources, stay on budget, and ensure everyone is working but not overloaded. We can compare the original timeline projection with the actual timeline of the project with a baseline report. Parish personnel will be issued access to Team Gantt, so they can remain updated on the progress of the project at their own convenience.

» PAST PERFORMANCE «

Over the past 18 years, All South has developed an outstanding reputation as one of the Gulf South's leading Engineering and Surveying firms. Aside from our technical experience, All South stands out amongst competitors because of our unrivaled devotion to our clients and ability to meet their needs. Our past performance within Jefferson Parish has given us a keen and nuanced understanding of the inner working of the various Parish departments, as well as the likings and needs of the Parish as a whole.

Our background has bred a sense of commitment, comradery, and the willingness to fight for our clients through every phase of a project. The satisfaction expressed by our clients can be directly accredited to not only our ability to deliver exceptional work that meets all contractual, time, and budgetary obligations, but also the genuine and lasting relationships we build throughout the process. As a direct result, our clients continue to choose All South. We believe this trend speaks very highly to our staff, our commitment, and our results. The staff members included in this proposal will employ these same levels of client devotion and satisfaction to Jefferson Parish.

» LOCATION OF THE PRINCIPAL OFFICE «

All South's home office is located at 652 Papworth Avenue, Metairie, Louisiana 70005.

» ADVERSARIAL LEGAL PROCEEDINGS «

Please refer to section M of this TEC Questionnaire.

» PRIOR SUCCESSFUL COMPLETION «

Please refer to the project descriptions listed above to see All South's prior successful completion of similar projects, as well as their respective verifiable references. All South has maintained a strong and successful working relationship with Jefferson Parish since 2004 and has continuously received positive feedback from Parish officials and personnel. We have completed millions of dollars in construction of Jefferson Parish infrastructure and look forward to continuing this great relationship.

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

Signature: 

Print Name: Timothy P. Bonura, P.E.

Title: Managing Partner

Date: March 24, 2022