



STATEMENT OF QUALIFICATIONS
ENGINEERING SERVICES FOR
REHABILITATION OF THE
TRANSCONTINENTAL & BELLE LIFT
STATION (E8-1)
RESOLUTION NO. 137449



ALL SOUTH CONSULTING ENGINEERS, LLC

652 PAPWORTH AVENUE

METAIRIE, LOUISIANA 70005

OFFICE: (504) 322-2783 | FAX: (504) 322-2787

In Association with:

THE BETA GROUP, LLC

May 26, 2021

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ to Provide Engineering Services for Rehabilitation of the Transcontinental & Belle Lift Station (E8-1) - Resolution 137449

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.

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>5</u> Administrative	<u>0</u> Estimators	<u>1</u> Specification Writers
<u>0</u> Architects (Licensed)	<u>0</u> Geologists	<u>3</u> Structural Engineers
<u>0</u> Chemical Engineers	<u>0</u> Geotechnical Engineers	<u>1</u> Graduate Engineers
<u>9</u> Civil Engineers	<u>0</u> Interior Designers	<u>3</u> Project Managers
<u>9</u> Construction Inspectors	<u>0</u> Landscape Architects	<u>2</u> Clerical
<u>0</u> Ecologists	<u>0</u> Land Surveyor	<u>6</u> Grant/Funding Specialist
<u>0</u> Electrical Engineers	<u>0</u> Mechanical Engineers	<u>0</u> Sanitary Engineers
<u>3</u> Engineer Intern	<u>0</u> Environmental Engineers	
<u>1</u> Professional Land Surveyor		<u>54</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. The Beta Group Engineering and Construction Services, LLC 1428 1/2 Claire Avenue Gretna, LA 70053	Geotechnical Engineering/ Materials Testing	Yes
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 **10** key personnel to this project. With a total of **54** staff members, All South has ample additional resources to allocate as necessary. Additionally, All South will team with The Beta Group to satisfy any geotechnical components of this project. The Beta Group will allocate **3** professionals to this project with **67** additional professionals on staff.

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.
Managing 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:

17

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

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 handing the bidding phase and assisting with oversight for the construction of this project.

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 was in need of 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.

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. This project was completed in 2017.

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
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.</p> <p>Mr. Bourg has over 23 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>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. Bourg's responsibilities include handing the bidding phase and assisting with oversight for the construction of this project.</p> <p>Sewer Lift Station Repairs / Upgrades St. Bernard Parish, Louisiana Mr. Bourg provided professional services required to provide contract documents for public bid by St. Bernard Parish for the design and construction administration of repairs to over 20 flood damaged sewer lift stations throughout St. Bernard Parish.</p>

TEC Professional Services Questionnaire

Blimp Road Sewer Phase 1- 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. 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.

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

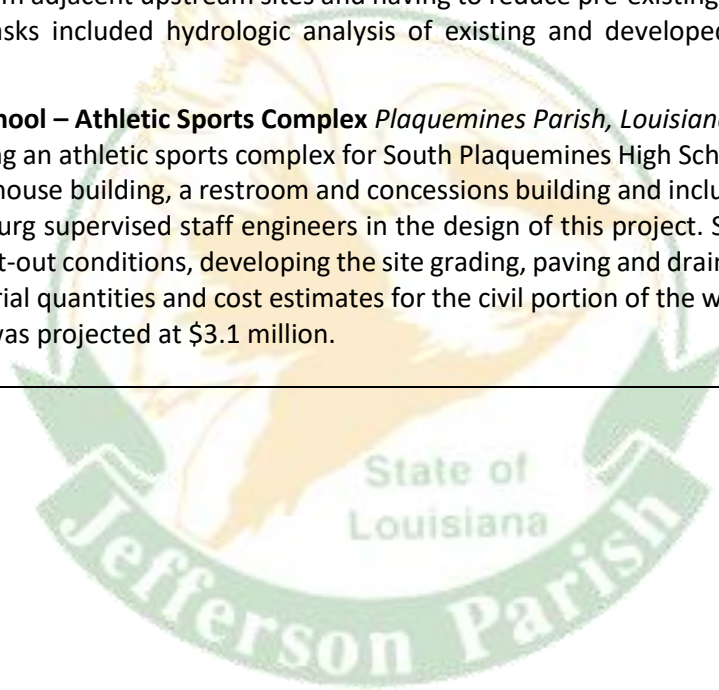
Mr. Bourg performed and supervised staff for the design of the Blimp Road Sewer Phase 2 Improvements for the Houma Terrebonne Airport Commission. This project included the installation of approximately 1,400 of gravity sewer lines. These lines will be 8" in diameter, consistent with the Terrebonne Parish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

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 includes 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 consists of developing an athletic sports complex for South Plaquemines High School that will include a football field, track and field, a field house building, a restroom and concessions building and includes 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.



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Suresh I. Shah, P.E., S.E.C.B. <i>Senior Civil/ Structural Engineer</i>
Project Assignment:
Senior Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
2
Education: Degree(s)/Year/Specialization:
Master of Science / 1971 / Civil Engineering Bachelor of Science / 1970 / Civil Engineering
Active registration: Year first registered/discipline:
Registered Professional Engineer, State of Louisiana No. 17937 Structural Engineer Certificate, State of Louisiana, No. 1794-1105
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Shah holds a B.S. in Civil Engineering and an M.S. in Structural Engineering and has over 42 years of experience in the field. Mr. Shah has served as Project Manager on numerous projects, providing public and private clients with professional consulting on structural design, including highways, bridges, port and industrial structures, commercial buildings, and sewer and water treatment facilities. He is also an active member of the American Society of Civil Engineers and the American Concrete Institute.</p> <p>Group 1B Metro Airport Area Pump Station & Force Main Upgrades <i>Baton Rouge, Louisiana</i> Mr. Shah was responsible for the structural project design of the replacement of seven existing pump stations with new submersible type pump stations and the rehabilitation of one flooded section extended shaft type pump station ranging in size from one MGD to 26 MGD and approximately 23,000 linear feet of force main ranging in size from 8" to 30" in diameter including a jack and bore crossing of a major highway for the 30" force main.</p> <p>St. Bernard Sewer Improvements to Pump Stations 5 & 15 <i>St. Bernard Parish, Louisiana</i> Mr. Shah provided structural design and environmental engineering for 3.5-MGD plant. In his role, he processed the design of headworks, grit chamber, 172-foot diameter treatment tank with 84' clarifier within the tank, effluent pump station and gravity sludge dewatering system for drying beds.</p> <p>Dravo Sewage Treatment Plant <i>St. Bernard Parish, Louisiana</i></p>

TEC Professional Services Questionnaire

Mr. Shah was the structural design and environmental engineer for 3.5-MGD. He processed the design of headworks, grit chamber, 172-foot diameter treatment tank with 84' clarifier within the tank, effluent pump station and gravity sludge dewatering system for drying beds.

Chalmette Terminal Site Preparation *Chalmette, Louisiana*

Mr. Shah was the project manager responsible for developing construction plans for site cleanup, 64000 tons of demolition of existing concrete structures, 80000 cy of sand, 30000 cy of Class 1 Base Course, storm drainage system, gas, water, sewer lines, electrical. This site was cleared to develop a major container facility.

Taft Park Drainage Pumping Station *Metairie, Louisiana*

Mr. Shah was the project manager for the new 63 CFS pumping station, new gravity collection drains, and new effluent force main. The pump station consisted of three 20-inch vertical pumps with a 36-inch effluent force main and a backup power generator for emergency power. The gravity collection system included new drainage catch basins, gravity storm drain pipes varying from 30 inches up to 60 inches in diameter. Mr. Shah provided nearly 100 hours of service on this project.

Kenner 5.25 MGD Sewage Treatment Plant *Kenner, Louisiana*

Mr. Shah was the structural design engineer for 4.0 MGD pumping station and lift stations.

Lucas Wastewater Treatment Plant Expansion *Shreveport, Louisiana*

Mr. Shah was the project manager on structural design portion of plant in Shreveport, Louisiana.

Ponchatoula Sewer Lift Station Generators *Ponchatoula, Louisiana*

Mr. Shah was the project structural engineer responsible for review of survey and generator foundations design.

Gretna Emergency Sewer Lift Station #7 Generator *Gretna, Louisiana*

Mr. Shah was the structural engineer for the foundation design of a permanently installed 250 kW generator to operate existing pumping station.

Boasso Development Site Clearing & Restoration - Phase I *Chalmette, Louisiana*

Mr. Shah was the project engineer responsible for developing plans and specifications for the site clearing and disposal, demolition of existing aluminum pot lines and related structures, developing sewer, water and drainage plans for 40 acre container terminal site. He also performed contract administration and provided engineering support services during construction.



TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Brandon Arceneaux, P.E. <i>Civil Engineer</i>
Project Assignment:
Staff Engineer
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, 2002
Active registration: Year first registered/discipline:
2009, Civil, Louisiana License No. 34301
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Arceneaux joined All South Consulting Engineers, LLC in September 2018. Since receiving his Bachelor of Science in Civil Engineering from the University of Louisiana at Lafayette in 2002, Mr. Arceneaux has acquired substantial knowledge and experience in Civil Engineering and Project Management. He is a versatile, value-driven engineer/project manager with experience leading multiple types of projects from conceptual to plan to build to close out/operation stage.</p> <p>In his experience as Project Manager, Mr. Arceneaux has provided project management services for various types of projects and acted as in-house professional engineer. As a Civil Engineer, he has lead teams through development, engineering, design and permitting in all phases of site development and infrastructure improvement from requirements gathering through build, test phases, QA, launch and support.</p> <p>Bayou Country Sports Park Houma, Louisiana</p> <p>Mr. Arceneaux was part of a team tasked with the development of the Bayou Country Sport Park, a 150-acre park site in Terrebonne Parish. This development included baseball fields, soccer fields, concession stands, and other amenities. This site was developed to be consistent with regional storm water and green space plans; he developed parking spaces utilizing fiber reinforced grass instead of solid pavements, and the retention ponds are not only utilized for recreation activities, but also as storage for runoff. Mr. Arceneaux oversaw engineering design, preparation of plans and specifications, project representation, and contract administration for various aspects of this project.</p> <p>CIS Gray Campus Gray, Louisiana</p>

TEC Professional Services Questionnaire

Mr. Arceneaux provided engineering services for the Cardiovascular Institute of the South, assisting in the master planning phase of a 24-acre tract medical campus. The scope included coordinating with multiple government agencies and utility providers to ensure compliance with sewer, water, drainage, gas, & concrete roadway regulations and zoning requirements.

Audubon Sewer Pump Station Relocation *Thibodaux, Louisiana*

Mr. Arceneaux provided engineering services for Audubon Sewer Pump Station Relocation project. The project consisted of surveying, engineering design, preparation of plans and specifications, project representation, and contract administration.

Gravity Sewer Line Replacement from Ridgefield Avenue to Canal Boulevard *Thibodaux, Louisiana*

Mr. Arceneaux provided engineering services for the City of Thibodaux for Gravity Sewer Line Replacement from Ridgefield Avenue to Canal Boulevard. The project consisted of surveying, engineering design, preparation of plans and specifications, project representation, and contract administration.

Pump Station Upgrades on North 9th Street, St. John Drive, and Ashland Drive *Thibodaux, Louisiana*

Mr. Arceneaux provided engineering services for the City of Thibodaux for the Pump Station Upgrades on North 9th Street, St. John Drive, and Ashland Drive project. The project consisted of surveying, engineering design, preparation of plans and specifications, project representation, and contract administration.

Duet Street Sewer Pump Rehabilitation *Houma, Louisiana*

Mr. Arceneaux provided engineering services for the Terrebonne Parish Consolidated Government for Duet Street Sewer Pump Rehabilitation. The project consisted of surveying, engineering design, preparation of plans and specifications, project representation, and contract administration.

East Thibodaux Sewer Force Main & Lift Station, Waste Water System Infrastructure Improvements *Thibodaux, Louisiana*

Mr. Arceneaux provided engineering services for the City of Thibodaux for East Thibodaux Sewer Force Main & Lift Station, Waste Water System Infrastructure Improvements. The project consisted of surveying, engineering design, preparation of plans and specifications, project representation, and contract administration.

Bayou Reserve Apartment Complex Sewer Pond Upgrade & Sewer System Installation *Thibodaux, Louisiana*

Mr. Arceneaux provided engineering services for the Bayou Reserve Apartment Complex Sewer Pond Upgrade & Sewer System Installation project. The project consisted of surveying, engineering design, preparation of plans and specifications, project representation, and contract administration.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Arthur Eugene "Gene" Robinson, P.E. <i>Civil Engineer</i>
Project Assignment:
Civil Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
.1
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, 2014
Active registration: Year first registered/discipline:
2018/ Civil PE Louisiana License No. 42790 2019/ Civil, Texas No. 135643
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Robinson joined All South Consulting Engineers, LLC in April of 2021, providing 7 years of Civil Engineering experience. Mr. Robinson's experience includes the design of multiple Recovery Roads projects as well as other federally and privately funded projects. His experience also includes comprehensive design review and analysis of construction documents, scope development, scope changes, budget, payment applications, change orders, project worksheets, and development and maintenance of project design schedule for compliance with client standards and also the governing federal standards associated with the funding source. Some of Mr. Robinsons previous experience includes:</p> <p>Ernest M. Morial Convention Center Expansion Project New Orleans, Louisiana Design Engineer/Construction Manager - Responsibilities include preliminary design of Multi-Modal Facility, drafting, Preliminary cost estimate, construction management, managing inspectors.</p> <p>Michoud Front Door Infrastructure Improvements New Orleans, Louisiana Construction Manager, Designer, and Drafter - Responsibilities included: Drafting plan and profile sheets, quantity takeoff, vertical curve design, layout for new lighting, general project management assistance.</p> <p>Belle Chasse Drainage - Various Canals Belle Chasse, Louisiana Construction Manager, Designer, and Drafter – Responsibilities included: Generation of plan sheets for pump station inlet basin expansion, drafting plan and profile sheets for canal widening, preliminary design of bridge deck, pilings, pile</p>

TEC Professional Services Questionnaire

cap and barscreen for pump station inlet, cost estimation, quantity takeoff, survey review, and construction administration activities including pay request review, submittal review, quantity review, and change order review.

DPW Recovery Roads and various Street Repair Projects (Bond and Federally Funded, including ESSA, SSERP and FEMA Water lines) *New Orleans, Louisiana*

Lead Project Engineer – Responsibilities included: generation of preliminary design report, owner and subconsultant coordination, pavement design, curb and gutter layout, survey review, drainage calculations, drainage design review, sewer design review, general layout, utilities coordination.

Program Management & Direct Administration of FEMA Reimbursed Capital Repairs, *St. Tammany Parish, Louisiana*

Program Manager – Responsibilities included: CCTV Inspection and report review, cost estimation for eligible repairs and correspondence with FEMA and GOHSEP to determine the total cost of project worksheets, scope evaluation of all project worksheets to determine that all repairs are included across the entire City, design management and coordination, grant management, overseeing closeout activities, budgetary projections, construction management, management of resident inspectors.

Lakeview Drainage Improvements *New Orleans, Louisiana*

Project Manager – Responsibilities included: Client meetings and Coordination, field visits, quantity takeoffs, cost estimates, design review, federal agency meetings and coordination.

Belle Chasse Neighborhood Drainage Improvements *Plaquemines Parish, Louisiana*

Construction Manager, Resident Inspector – Responsibilities included: Construction Administration activities including pay request review, submittal review, quantity review, and change order review. If needed, fill-in resident inspector.



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:
6
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.</p> <p>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 hydrographic surveying projects throughout Coastal Louisiana, including Breton Sound, the Barataria Basin, and the lower Mississippi River area including Southeast Pass, Tiger Pass, and Baptiste Collette.</p> <p>Blimp Road Sewer Phases 1 & 2 Houma Terrebonne Airport Commission, Houma, Louisiana</p> <p>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.</p>

TEC Professional Services Questionnaire

Silt and Debris Measurement in Jefferson Parish Canals *Jefferson Parish, Louisiana*

Mr. Teegarden is providing topographic and bathymetric survey services for the Jefferson Parish Drainage Department. We are surveying canals to determine the amount of silt build up utilizing All South's Z-Boat, a six-foot-long remotely controlled vessel equipped with GPS, a dual-frequency echosounder and a laptop to record the data.

Geisenheimer Canal Topographic Survey *Jefferson Parish, Louisiana*

Mr. Teegarden led our survey teams in the preparation of a topographic survey that included the location of the Geisenheimer Canal Box Canal and the adjoining surface features from the north curb line of Airline Highway into the fairway of Metairie Country Club adjacent to Airline Highway.

Woodvine Ditch Topographic Survey *Jefferson Parish, Louisiana*

Mr. Teegarden is providing a topographic survey over the existing 54" RCP drain line followed the line from Nassau Drive south across the Metairie Country Club Golf course to its tie in point at Geisenheimer Canal. Improvements along that route were located along with trees, with size and species and topographic features on the golf course, that included ties, sand traps and the raised greens that fell in the route.

Loumor Outfall Ditch Topographic Survey *Jefferson Parish, Louisiana*

Mr. Teegarden and the All South survey staff provided a topographic survey of the route that follows the 78" X 122" RCAP along the western edge of Metairie Country Club Golf course, then southeasterly and finally south to Geisenheimer Canal just north of Airline Highway. Improvements along that route were located along with trees, with size and species and topographic features on the golf course, that included ties, sand traps and the raised greens that fell in the route.

Tudor and Tallulah Drainage Analysis *River Ridge, Jefferson Parish, Louisiana*

Mr. Teegarden provided topographic survey services and collected field data for the Tudor and Tallulah drainage project. This work included picking up horizontal and vertical data in the drainage area, including locating the multiple subsurface utilities that could affect the project. Cost \$60,000

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.

Upper LA 45 Basin Tidal Surge Protection *Lafitte, Louisiana*

Mr. Teegarden and his team conducted topographic, magnetometer and bathymetric surveys for the design of a tidal surge protection system for the Upper LA 45 basin in the Lafitte Levee District. The team surveyed three routes, one along Bayou Barataria for the design of a floodwall and two possible routes for a rear protection levee through swamp and marsh areas. RTK GPS, Robotic Total stations, remotely operated Z-Boat and a Marine Magnetics Sea-Spy magnetometer were used for this project. The survey deliverables included plan and profile sheets and plotted cross sections.

Rosethorne Path – LA 45 *Lafitte, Louisiana*

Mr. Teegarden and his team conducted a topographic survey along the route of a proposed walk and bike path along LA Hwy 45 in the Lafitte area. RTK GPS and robotic total stations were used to located improvements, utilities and take cross sections along the survey route.

40 Arpent Canal Levee Walk and Cycling Path and Pedestrian Bridge *St. Bernard Parish, Louisiana*

Mr. Teegarden and his team conducted a topographic survey along the 40 Arpent Levee in St. Bernard parish for the design of a walk and bike path. RTK GPS was used to locate improvement and take cross sections along the proposed survey route. The area surveyed began at the St. Bernard/Orleans parish line and continued southeasterly to Paris Road.

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:
1
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 Jefferson Parish, Louisiana 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 Metairie, Louisiana 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:
4
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>Russell St Pump Station <i>River Ridge, Louisiana</i> Mr. Sorrells prepared proposed location of a new pump station to be installed by Ralph J. Bunche Elementary School (Russell St. Pump Station) in Jefferson Parish, Louisiana. These plans included an overall site plan, plan view and a typical section. Coordination with the project engineer to properly show the existing utilities, railroad and rights-of-way was very important in this project.</p> <p>Gray Campus Development - CIS <i>Gray, Louisiana</i> Mr. Sorrells prepared the design plans for the construction of a Cardiovascular Institute of the South, Terrebonne Parish. The plans included new site plan, pavement plan, drainage and grading plan, sewer and water plans and utility plan. Also included in the plans were the topographic survey and a new retention pond design. Mr. Sorrells coordinated with the project engineer and sub-contractors to conform and finalize the plans.</p> <p>Fire Station No. 12 <i>Jefferson, LA</i></p>

TEC Professional Services Questionnaire

Mr. Sorrells prepared the design plans for the construction of a new fire station for Jefferson Parish. The plans included new site plan, structural design, details, grading plan, drainage plan and utility plan. Mr. Sorrells coordinated with the project engineer and sub-contractors to conform and finalize plans.

Westgate Drainage Kenner, Louisiana

Mr. Sorrells prepared the Record Drawings for this project. Although coming in late to this project Mr. Sorrells developed the record drawings for this project by coordinating with the project engineer, inspectors and sub-contractors. Ensuring that the record drawings incorporated all as-built conditions of this project.

South Kenner Avenue Rehabilitation (Between Live Oak Blvd. and Chenevert Rd.) Jefferson Parish, Louisiana

Mr. Sorrells provided drafting support for this project, including plan sheets, cross sections, and existing subsurface pipe networks. Showing the existing roadway and existing sidewalk, which were to be developed in a wider and improved asphalt roadway with new sidewalks and subsurface drainage. This project conformed to the Jefferson Parish criteria.

Lake Trail Drive Drainage Improvements Kenner, Louisiana

Mr. Sorrells prepared the topographic and right-of-way drawings for Lake Trail Drive, from its intersection with the northern right-of-way of Bruin Drive, north to the southern right-of-way of West Esplanade Avenue; approx. 2880 LF. The drawings included elevation shots of Lake Trail Drive, right-of-way to right-of-way for the creation of cross sections every 50'. He also created a 3D surface, a centerline profile, and underground utility profiles for this project.

FEMA Submerged Road 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.

Reynes Street, Ninth Ward (N. Claiborne to Florida Ave. ±4330 LF) New Orleans, Louisiana

Mr. Sorrells prepared a typical route topographic survey, showing street elevations, plan and profile. Included in these drawings are 3D surfaces, water, drainage and sewer pipe networks, and AutoCAD Civil 3D objects. Reynes St. was a typical street survey including the underground utilities represented in the Civil 3D profile. The most challenging part of Reynes was defining the edge of pavement due to overgrowth and erosion.

Viavant – Lake Catherine – Venetian Isles, Capital Improvement Program New Orleans, Louisiana

Mr. Sorrells prepared plan surveys for multiple streets in the Viavant-Lake Catherine area. 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.

St. Bernard Waterlines Project 2.2 (LeBeau, Alexander, Schnell, Benjamin, Rose, & Karl) St. Bernard Parish, Louisiana

Mr. Sorrells prepared plan and profile surveys for multiple streets in the St. Bernard area for the replacement of waterlines. Included streets in this project were Lebeau St (2630'), Alexander Ave. (3660'), Schnell Dr. (4145'), Benjamin St. (2325'), Rose St. (1534'), and Karl Dr. (1160'). Also, included were centerlines of street profiles showing the depths and inverts of all water, drainage and sewer utilities along the surveyed routes.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Peter Giovingo Resident Inspector
Project Assignment:
Resident Inspector
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
15
Education: Degree(s)/Year/Specialization:
University of New Orleans – Business Management University of Texas at Dallas – Business Management
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Giovingo has been with All South since April 2006 and has been a construction inspector with All South Consulting Engineers since 2008. Mr. Giovingo inspects and documents day-to-day activities on construction sites and reports back to Construction Supervisors or Project Managers. As resident inspector, Mr. Giovingo reviews specifications and plans for assigned project to ensure project is constructed as specified and drawn, inspects and monitors all work in progress, verifies that materials on site conform to specifications and drawings, monitors truckload deliveries, monitors concrete truck deliveries, photographs pertinent activities on jobsites showing construction details, witnesses tests performed by testing agency, logs notes on daily reporting forms, attends any required project meetings on site, lists any jobsite visitors, documents all health, safety or environmental incidents, documents work stoppage or delays, reviews daily notes for accuracy, and develops lists of outstanding information required to complete projects.</p> <p>Ellington Pump Station St. Charles Parish, Louisiana All South Consulting Engineers provided resident inspection services for the construction of new drainage pump station. As resident inspector, Mr. Giovingo reviews specifications and plans for assigned project to ensure project is constructed as specified and drawn, inspects and monitors all work in progress, verifies that materials on site conform to specifications and drawings, monitors truckload deliveries, monitors concrete truck deliveries, photographs pertinent activities on jobsites showing construction details, witnesses tests performed by testing agency, logs notes on daily reporting forms, attends any required project meetings on site, lists any jobsite visitors, documents all health, safety or environmental incidents, documents work stoppage or delays, reviews daily notes for accuracy, and develops lists of outstanding information required to complete projects.</p>

TEC Professional Services Questionnaire

East St. John High School Hazard Mitigation Flood Protection and Pump Station *St. John the Baptist Parish, Louisiana*

Mr. Giovingo was a resident inspector for the installation of new sub surface drainage system and on-site pump station, including sheet piles, catch basins, sluice gate, 3 pumps, and gas generator. Permanent Flood control systems: Construction of over 4,600 LF of earthen and sheet pile levee, new underground drainage lines establishment of a new pump station. Inspection duties included verification of survey data, contractor alignments and layout for construction, drainage invert elevations, materials testing and overall safety for construction activities. Mr. Giovingo monitored testing and preconditioning of soil and levee structures (surcharging), soil density testing in lifts, concrete base and material sampling and sheet pile wall construction. Inspection duties also included daily traffic control of 29 buses and over 2,000 students in transits daily, construction and testing of drainage structures and damaged utilities cut or hindered during construction. Assisted in verification of pay applications and required documentation for repairs and warranty information.

Fire Station 12 *Jefferson Parish, Louisiana*

Mr. Giovingo is providing resident inspection services for this project in Jefferson Parish. The structure was comprised of 3,700 SF of a two-story living quarters adjacent to an 840 SF single engine bay. The unique aspect of this project was minimal available space to situate all features; property was only 60' wide by 100' in depth and had existing roadways at both front and rear of the lot. The building had sleeping quarters for five (5) persons, required 5 parking spaces, and a van accessible handicap space. Building was equipped with a backup generator situated at grade meeting NFPA distance requirements.

Bayou Vincent Drainage Basin Infrastructure Repairs *Slidell, Louisiana*

Mr. Giovingo performed resident inspection for construction operations on the Bayou Vincent Infrastructure Repairs project in Slidell, Louisiana which included the rehabilitation of about 343 concrete road panels and over 11,920' of asphalt roadway in Slidell, Louisiana. This project involves asphalt and concrete roadways, concrete drives and sidewalks, RCP drainage, sewer, and Cured in place pipe (CIPP) repairs. Mr. Giovingo was responsible for measuring field quantities, along with making daily reports, filling out all quantity books, and doing site managing/inspecting. Asphalt repairs included patching, milling/overlaying, and sub-base repairs – quantities were tracked daily. He assisted with generating each monthly pay estimate and change orders, and assisted with construction progress meetings when needed by the P.E.

DPW Capital Improvements Program – Audubon, Black Pearl, E Carrollton *New Orleans, Louisiana*

Mr. Giovingo provides resident inspection services for the improvement of several streets throughout the neighborhoods in New Orleans, Louisiana which include repairs/improvements to sewer, water, and pavement. This project involves roadway pavement (asphalt, concrete, and composite), concrete sidewalks, driveways, curbs, and ADA Ramps based on storm related damages & constructability concerns. As resident inspector, Mr. Giovingo reviews specifications and plans for assigned project to ensure project is constructed as specified and drawn, inspects and monitors all work in progress, verifies that materials on site conform to specifications and drawings, monitors truckload deliveries, monitors concrete truck deliveries, photographs pertinent activities on jobsites showing construction details, witnesses tests performed by testing agency, logs notes on daily reporting forms, attends any required project meetings on site, lists any jobsite visitors, documents all health, safety or environmental incidents, documents work stoppage or delays, reviews daily notes for accuracy, and develops lists of outstanding information required to complete projects.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Derek Lawson Resident Inspector
Project Assignment:
Resident Inspector
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
6
Education: Degree(s)/Year/Specialization:
High School Diploma
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Lawson has over 10 years of experience in construction operations and inspection. In his capacity as a construction inspector, Mr. Lawson monitors all aspects of construction execution to ensure conformance to plans, specifications, and regulatory measures. He also monitors, maintains logs, and produces daily reports with photographic evidence to document and provide proof of work scope performed. Mr. Lawson is expertly skilled in electrical inspection and process, is a DOTD Certified Asphalt inspector and has a vast variety of experience in the construction of lift stations, Portland Cement Road Construction, Asphalt Road Construction, Earthen and sheet pile levees, and exterior electrical utilities.</p> <p>Mr. Lawson holds the following certifications:</p> <ul style="list-style-type: none">• ATSSA Traffic Control Supervisor• ATSSA Traffic Control Technician• ATSSA Flagger• LaDOTD Asphalt Pavement Certified• NCCER Electrical Certificate <p>Mr. Lawson's Daily responsibilities include but are not limited to:</p> <ul style="list-style-type: none">• Reviewing specifications and plans for assigned project to ensure project is constructed as specified and drawn• Inspecting and monitoring all work in progress• Verifying that materials on site conform to specifications and drawings

TEC Professional Services Questionnaire

- Monitoring truckload deliveries, monitoring concrete truck deliveries
- Photographing pertinent activities on jobsites showing construction details
- Witnessing tests performed by testing agency
- Logging notes on daily reporting forms
- Attending any required project meetings on site
- Listing any jobsite visitors
- Documenting all health
- Safety or environmental incidents
- Documenting work stoppage or delays
- Reviewing daily notes for accuracy
- Developing lists of outstanding information required to complete projects

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

Mr. Lawson was the Lead Resident Inspector for this project. He oversaw the demolition, temporary controls, and reconstruction of a major lift station for Jefferson Parish. This project involved traffic control, temporary shoring, excavation of over 30' below grade, adjustment to sewer force mains, storm drains, and street alignment and electrical/mechanical installation of new wet well and components. This project was conducted in extremely close proximity to residential addresses and required constant documentation of contractor activities, damages to surrounding streets and properties. Mr. Lawson not only provided daily inspections and record of contractor scope completion, but also assisted with change request validation, pay application verification, request for information clarification and several other aspects of construction management and oversight. This project was completed over a period of 394 days and was able to save Jefferson Parish over \$60K to due to detailed tracking of contractor errors and damages of an overall \$250K project budget.

East St. John High School Hazard Mitigation Flood Protection and Pump Station *St. John the Baptist Parish, Louisiana*

Mr. Lawson provided construction surge inspections and documentation for Portland Concrete Road demolition and re-construction at East Saint John High School in La Place Louisiana. Mr. Lawson conducted pre-pour compaction and steel fabrication inspection and documentation to include jointing layout and utility placement under road. The roadway construction was conducted under extremely challenging conditions and in and around an active school requiring the establishment of bypass roads, temporary traffic controls, and nighttime construction to facilitate bus traffic twice a day. Mr. Lawson also monitored and oversaw the levee construction for over 1000 linear feet of earthen levee around East Saint John High school conducted in standard 1" lifts. Mr. Lawson provided expert inspection on internal wiring and exterior roadway electrical connection ensures code and other regulatory compliance. Electrical inspection involved the primary and sub panels for a 200-classroom school with exterior lighting, exterior utilities and lift stations and sports field elevated lighting.

St. Charles Parish Roadway Improvements *St. Charles Parish, Louisiana*

Derek was the All South inspector for the 2016 St. Charles Parish Road Maintenance Project. This project primarily consisted of milling and overlaying asphalt roadways throughout the Parish in accordance to specifications based off of the 2006 LA DOTD Standard Specifications for Roads and Bridges. The total area of roadway work for this project was approximately 82,600 Square Yards. Mr. Lawson worked with contractor to determine repair locations for patching, verified quantities of all repairs, and maintained daily photo log.

Plaquemines Parish Consolidated Government Complex Asphalt Repairs *Belle Chasse, Louisiana*

Mr. Lawson oversaw several aspects and monitored daily progress for asphalt parking lots and access roads to a government complex that include base course and wearing course. Mr. Lawson monitored and ensured quality control for saw cut square yardage, appropriate removal and repairs to asphalt roads. Hourly monitoring of asphalt temperatures and compaction methods to comply with DOTD standards was strictly enforced due tight budgetary constraints. Mr. Lawson documented repairs, grade establishment and final, wearing course quality during all phases and zones of construction and advised project managers and engineers on appropriate changes maintain cost effective and effective changes to plans to stay within budget constraints.


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

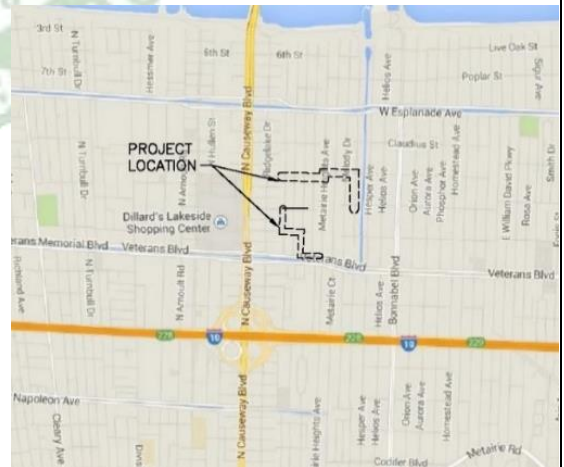
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bellemeade at Ginette Lift Station <i>Gretna, Louisiana</i></p> <p>Jefferson Parish Government Neil Schneider, Capital Projects 1221 Elmwood Park Blvd. Jefferson, Louisiana 70123 (504) 736-6500</p>	<p>All South 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>	
<p>Completion Date (Actual or estimated):</p>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
05/2017	\$785,205	\$186,565

TEC Professional Services Questionnaire

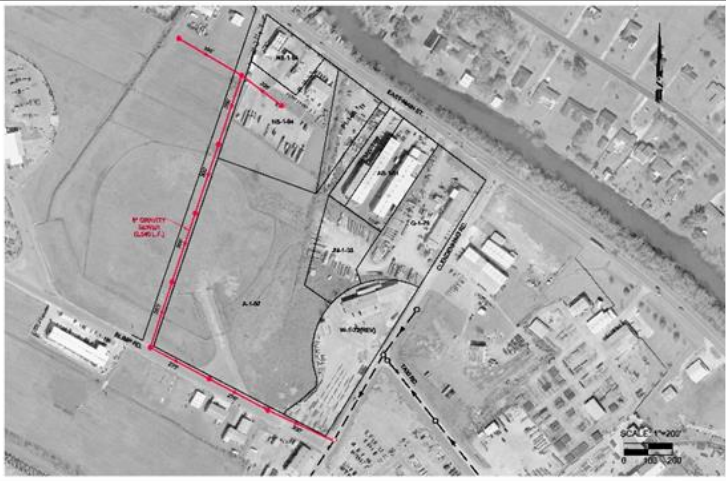
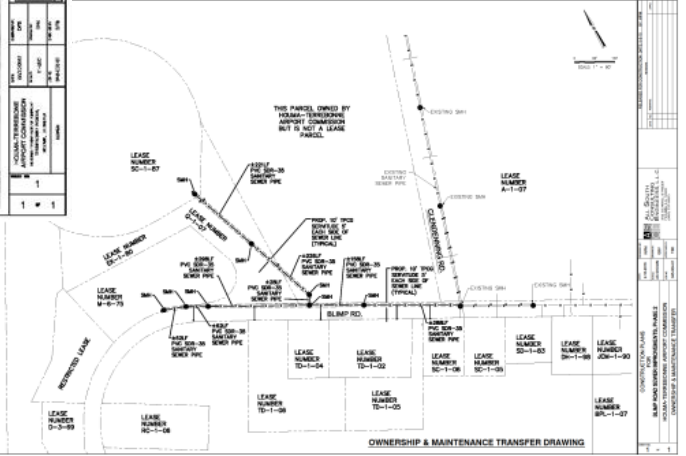
PROJECT NO. 2										
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:									
<p>Polk Street Sewer Lift Station Rehabilitation <i>Houma, Louisiana</i></p> <p>Terrebonne Parish Consolidated Government Pollution Control P.O. Box 2768 Houma, La 70361 (985) 850-4626</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> <div style="text-align: right; margin-top: 20px;">  </div>									
Completion Date (Actual or estimated):	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="padding: 5px;">Estimated Cost:</th> </tr> <tr> <th style="width: 50%; padding: 5px;">Entire Project:</th> <th style="width: 50%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> </thead> <tbody> <tr> <td style="width: 50%; padding: 5px; text-align: center;">03/2019</td> <td style="width: 50%; padding: 5px; text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px; text-align: center;">\$365,150</td> <td style="width: 50%; padding: 5px; text-align: center;">\$49,500</td> </tr> </table> </td> </tr> </tbody> </table>		Estimated Cost:		Entire Project:	Work for which Firm was Responsible:	03/2019	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px; text-align: center;">\$365,150</td> <td style="width: 50%; padding: 5px; text-align: center;">\$49,500</td> </tr> </table>	\$365,150	\$49,500
Estimated Cost:										
Entire Project:	Work for which Firm was Responsible:									
03/2019	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px; text-align: center;">\$365,150</td> <td style="width: 50%; padding: 5px; text-align: center;">\$49,500</td> </tr> </table>	\$365,150	\$49,500							
\$365,150	\$49,500									

TEC Professional Services Questionnaire

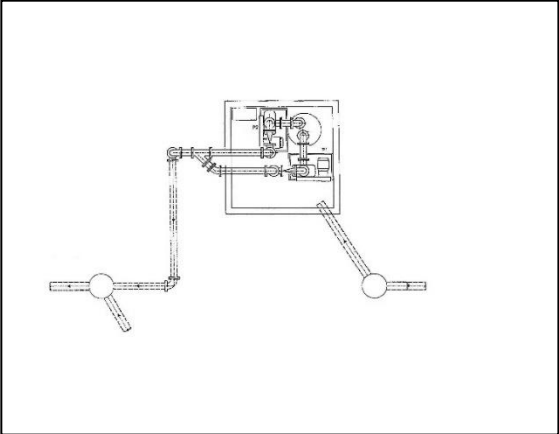

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Tolmas Tract Force Mains <i>Jefferson Parish, Louisiana</i></p> <p>Jefferson Parish Government Brett Todd Director of Sewerage 1221 Elmwood Park Blvd. Jefferson, Louisiana 70123 (504) 736-6661</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 proceeded 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>Completion Date (Actual or estimated):</p>	<p>Estimated Cost:</p>	
	<p>Entire Project:</p>	<p>Work for which Firm was Responsible:</p>
<p>01/2016</p>	<p>\$1,126,112</p>	<p>\$126,112</p>



TEC Professional Services Questionnaire

PROJECT NO. 4						
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>						

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>North Peters Pump Station <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 was contracted by St. Bernard Parish to perform professional engineering services for the North Peters Pumping Station. Specifically, our firm prepared construction documents to the renovation of an existing sewer lift station and wet well damaged as a result of Hurricane Katrina.</p> <p>Design All South prepared the construction plans and specifications for public bid. The previously existing lift station consisted of two 5 hp pumps capable of producing 35 gpm flow rates. Improvements included two new 5 hp submersible pumps capable of producing 230 gpm flow rates, new valves, control panel, SCADA system, and wet well. New wet well is concrete reinforced approximately 8' in diameter and 8' deep and capable of containing 3,000 gallons of sewer. Project also consisted of demolition plans of existing structure. All South also performed all construction management and resident inspection services.</p> <p>Hazard Mitigation An inspection of the site indicated entire pump station, including the electrical components sustained flood damage as a result of Hurricane Katrina. To mitigate future flood damage, the control panel was replaced with a modified control panel containing a standardized quick release sub panel. This will allow removal of critical pump station controls to a storm hardened location in advance of an approaching storm, protecting the critical lift station components. A 3 phase transfer switch was installed to facilitate the application of temporary power to allow removal of the panel components.</p>	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
11/2011	\$198,591	\$43,591

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>					
<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;">\$400,000</td> <td style="text-align: center; padding: 5px;">\$61,351</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	\$400,000	\$61,351
Entire Project:	Work for which Firm was Responsible:					
\$400,000	\$61,351					
08/2010						

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>New Sewer Lift Station Rehab No. 8 (V1-05, V1-17, V1-18) <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> <div style="display: flex; flex-direction: column; gap: 10px;">    </div>	<p>All South was contracted to redesign Lift Stations; V1-05 Highland Rd and St. Bernard Highway, V1-17 Third Street and Repose Street, V1-18 Canal Street and Fourth Street from a flooded suction to a submersible type station. This included design of a new wet well to accommodate the new equipment.</p>  <p>General Design</p> <p>The design phase consisted of the following responsibilities:</p> <ul style="list-style-type: none"> Prepared detailed construction plans, specifications and contract documents. These plans included location of all utilities affected, ownership, and taking lines of rights-of-way where required. Prepared necessary applications for permits for submission and approval of local, state and federal authorities. Coordinated with utility companies regarding the adjustment, relocation or removal of existing utility lines and structures within the project that was in conflict with the proposed improvements. Prepared a detailed Final Cost Estimate <p>General Project Management/Construction Admin Component</p> <p>The preliminary phase included the following responsibilities:</p> <ul style="list-style-type: none"> Identifying all locations to be cleaned and prepared maps and work orders for each Reviewed all project work sheets to ensure scope of work matched work orders Attended preconstruction meetings and prepared all necessary documentation Provided the parish with a resident project representative that reviewed all work performed and debris removed Reviewed contractor pay requests to confirm quantities Prepared project closeout documentation 	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
12/2010	\$433,755	\$81,755

TEC Professional Services Questionnaire

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>New Sewer Force Main V1-14 to V1-05 <i>St. Bernard Parish, Louisiana</i></p> <p>St. Bernard Parish Government Department of Public Works Donald Bourgeois, Jr., Recovery 1125 E. St. Bernard Hwy. Chalmette, LA 70043 (504) 278-4313</p>	<p>All South Consulting Engineers provided professional services for the design and construction management of a new sewer force main for Station V-14 to Station V-05. Services included preparation of construction plans and specifications for public bid of the proposed project.</p> <p>Design All South prepared construction drawings for the repairs to three sewer lift stations damaged during Hurricane Katrina. Design and Specifications for 6" PVC, 6" HDPE and 6" Ductile Iron Pipe. 6" HDPE shall be installed by Directional Drilling. The Project also included replacing the existing pump with 3 HP Pump.</p> <p>Construction Management These services included providing a resident project representative to be on site during construction. The scope of services also included oversight of the entire bid process.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
11/2010	\$966,000	\$58,000

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p style="text-align: center;">CIS – Gray Campus Sewer <i>Houma, Louisiana</i></p> <p>Cardiovascular Institute of the South Joey Fontenot Chief Operating Officer 225 Dunn Street Houma, Louisiana 70360 (985) 876-0300</p>	<p>This project consisted of master planning, engineering, design, and construction management of a proposed commercial development for a medical complex on a 25-acre undeveloped tract in Terrebonne Parish. This development would be constructed by the Cardiovascular Institute of the South (CIS), a major health care provider in Louisiana. The development included concrete roadways, potable water distribution system, sanitary sewer collection system, storm water management system, sidewalks, parking lots, and building construction.</p> <p>All South initially provided topographic survey services, in support of a Master Plan for the development of the site. Once complete, the survey was used to develop this Master Plan in coordination with CIS and an architectural firm. This Master Plan included multiple buildings on the site, along with the basic infrastructure improvements.</p> <p>After approval of the Master Plan, CIS authorized All South to proceed to design for the development. All South coordinated further survey work, and the geotechnical analysis necessary for the development. With that data in hand, All South prepared the necessary plans and specifications for the following features</p> <ul style="list-style-type: none"> 1500' of concrete roadway Subsurface and surface drainage improvements along this roadway A two acre retention pond at the rear of the property to manage rainfall runoff 2500' of gravity sewer line, a sewer lift station, and 1500' of sewer force main to manage wastewater on the site 2500' of waterline to service the site 1 duplex lift station with submersible grinder pumps 1500 LF of 2" PVC forcemain and connection to existing 14" municipal forcemain 1,460 LF of 8" PVC gravity main and associated concrete manholes and 6" services <div style="text-align: right;">  </div>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing (01/2021 est.)	\$3,060,000 (est.)	\$482,221

TEC Professional Services Questionnaire

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Norco Sewer Improvements <i>St. Charles Parish, Louisiana</i></p> <p>Regional Planning Commission Rebecca Otte 1340 Poydras St., Suite 2100 New Orleans, LA 70112 (504) 483-8500</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;">   </div>	<p>All South Consulting Engineers, LLC assisted the prime consultant with plans and specifications to upgrade two lift stations in order for the project to go to bid for implementation.</p> <p>Project recommendations were based on the Lake Pontchartrain Restoration Program. Two lift stations in the Norco area were identified as under-capacity and needed to be upgraded in order to improve the overall sewer system and prevent overflows that eventually reach the Lake as raw sewerage.</p> <p>All South was responsible for the Marino lift station.</p> <p>The Marino St. Wastewater Pumping Station is located at the end of Marino Street adjacent to La. Hwy. 61 (Airline Hwy.) and the Bonne Carrie Spillway. The station consists of a dry pit, and a wet pit constructed from concrete. The station currently contains four (4) flooded suction pumps ranging in horsepower from 10 hp to 60 hp. This pumping station will be renovated and upgraded by converting the dry pit to a wet pit and replacing the current flooded suction pumps with submersible pumps ranging from 40 hp to 75 hp and replacing all electrical components.</p> <p>All South developed plans and specifications to upgrade the Marino station. Complete plans and specifications were developed necessary for the bidding and construction of the project. This task included the collection of data needed to prepare the plans and specifications, such as review of past studies for current conditions information, survey data, and geotechnical information. Past studies collected data includes information on the sewer system lines and facilities such as pipe sizes, pump capacities and pump station locations, but does not include site specific survey or geotechnical information necessary for the upgrade of individual lift stations used in engineering calculations.</p> <p>Design engineering services for upgrades to St. Charles Parish's Marino St. Wastewater Pumping Station.</p> <ul style="list-style-type: none"> Replaced the pumps size for duplex station (submersible) Replaced pump panels Replaced electrical Replaced generator Replaced piping as necessary <p>Modified building as necessary for piping and electrical</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
04/2010	\$55,600	\$55,600

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 is a Limited Liability Corporation 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, Program and Grant Management, Land and Hydrographic Surveying, Construction Management, 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, including many years of experience in the design and construction management of the Jefferson Parish Sewer Systems. All South has performed several projects for the Jefferson Parish Sewerage Department with identical scopes to this project. In addition, these projects were completed successfully in a timely manner and within budget. Of additional relevance, immediately upon receiving his B.S. in Civil Engineering, Mr. Timothy Bonura, the founding member of All South, spent 3 years working directly for the Jefferson Parish Sewer Capital Program on upgrading many of the lift stations and the consolidation of the East Bank Sewer Program.

Additional experience can be found in the above resumes and project descriptions. For this submission, All South has teamed with The Beta Group, a well-established geotechnical engineering and materials testing firm with substantial local project experience to fulfill any geotechnical requirements.

TEC Professional Services Questionnaire

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.

FIRM CAPABILITIES:

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

EQUIPMENT/SOFTWARE:

- | | |
|--|--|
| <ul style="list-style-type: none"> • GPS (Global Positioning System) • Leica GS-14 GPS Receivers • AutoCAD Stations Civil 3D, Microstation, InRoads, CadConform • 26' Scully Aluminum Boat with Dual 150 h.p. motors • 6' Z-boat, remotely operated hydrographic survey boat • Odom Hydrographic CV100 dual frequency Echosounder • Getac X500 Laptop with Hypack Hydrographic Software | <ul style="list-style-type: none"> • Trittech Starfish 990F side scan sonar • 14' Aluminum Flat Boat • G-882 Magnetometer • Four wheel off road vehicles / marsh buggies • Hypack – Hydrographic software • LEICA Geo – GPS Software |
|--|--|

TEC Professional Services Questionnaire

SIZE OF FIRM

The All South staff includes 54 professionals driven to excellence and focused on our clients' needs. We are made up of 12 Louisiana Licensed Professional Engineers, 3 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.

CAPACITY FOR TIMELY COMPLETION

With 54 employees and ample resources, All South has more than enough capacity to meet any deadlines that the Parish requests. At All South, we understand the importance and value of time. We take pride in completing our projects ahead of schedule and would not sign an agreement to complete a project if we could not meet or exceed the schedule designated by the owner. 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 16 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. All South has worked since inception on completing projects for Jefferson Parish including many projects similar to the one in this RFP. 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.

TEC Professional Services 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 been working with the staff of Jefferson Parish since inception and had never received any negative comments or reviews from the staff. 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: May 26, 2020





The **Beta** Group
engineering and construction services



TEC

PROFESSIONAL SERVICES QUESTIONNAIRE

REVISED 07/24/2015

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

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

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

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

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

<input type="checkbox"/> Administrative	<input type="checkbox"/> Estimators	<input type="checkbox"/> Specification Writers
<input type="checkbox"/> Architects (Licensed)	<input type="checkbox"/> Geologists	<input type="checkbox"/> Structural Engineers
<input type="checkbox"/> Chemical Engineers	<input type="checkbox"/> Geotechnical Engineers	<input type="checkbox"/> Graduate Engineers
<input type="checkbox"/> Civil Engineers	<input type="checkbox"/> Interior Designers	<input type="checkbox"/> Project Managers
<input type="checkbox"/> Construction Inspectors	<input type="checkbox"/> Landscape Architects	<input type="checkbox"/> Clerical
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Land Surveyor	<input type="checkbox"/> Grant/Funding Specialist
<input type="checkbox"/> Electrical Engineers	<input type="checkbox"/> Mechanical Engineers	<input type="checkbox"/> Sanitary Engineers
<input type="checkbox"/> Engineer Intern	<input type="checkbox"/> Environmental Engineers	
<input type="checkbox"/> Professional Land Surveyors		<input type="checkbox"/> TOTAL

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

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

TEC Professional Services Questionnaire

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

1.

2.

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

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

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

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

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Project Assignment:

Name of Firm with which associated:

Years' experience with this Firm:

Education: Degree(s)/Year/Specialization:

Active registration: Year first registered/discipline:

Other experience and qualifications relevant to the proposed Project:

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

PROJECT NO. 1

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

PROJECT NO. 2

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

TEC Professional Services Questionnaire

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

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

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



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

Signature:  Print Name: _____

Title: _____ Date: _____

Louisiana Professional Engineering and Land Surveying Board

Hereby Certifies that

The Beta Group Engineering & Construction Services, LLC
*has complied with the regulation of this Board and is authorized
to provide or to offer to provide engineering services in the State of
Louisiana contingent upon payment of the annual renewal fee.*

Baton Rouge Louisiana · 06/09/2011



License Number 4838

John F. Mather
James E. Bowie
Chairman
Secretary



Mayor LaToya Cantrell
City of New Orleans

New Orleans Aviation Board

Hon. Michael G. Bagneris
Chairman

Doug Thornton
Vice-Chairman

Todd Francis
Ruth Kullman
Ti Adelaide Martin
Joseph Nicolosi, Jr.
Roger H. Ogden
Gary L. Smith, Sr.

Kevin C. Dolliole
Director of Aviation

P. O. Box 20007
New Orleans, LA 70141

P: 504-303-7800
F: 504-303-7566

www.flymsy.com

January 13, 2020

Mr. Murray White
The Beta Group Engineering & Construction Services, L.L.C.
1428 1/2 Claire Street
Gretna, LA 70053-

Re: 2020 Annual Update

Dear Mr. White:

Thank you for having responded to our request for your 2020 annual update to maintain your Disadvantaged Business Enterprise (DBE) certification. We have reviewed your Affidavit of No Change, along with the supporting documents, and have determined that your firm continues to meet the DBE guidelines in 49 CFR Part 26. Thus, your firm is certified to fulfill DBE requirements on specified NOAB contracts until your next anniversary date (i.e. *March 31, 2021*).

Service(s):

CONSTRUCTION CONTRACTORS
PROFESSIONAL SERVICES

Area(s) of Work:

541380 - Testing
Laboratories
722 - Field
Laboratories

C01 - Geotechnical
Engineering
CLT - Concrete Labs
and Field Testing

Sincerely,

Philistine Ferrand
DBE Liaison Officer
philisti@flymsy.com - 504.303.7610 - 504.303.7614 fax

PF/SF

STATE & LOCAL DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

1340 Poydras Street, Suite 1800 | New Orleans, LA 70112



December 15, 2020

VIA EMAIL

Murray White
The Beta Group Engineering & Construction Services, L.L.C.
1428 1 ½ Claire Avenue
Gretna, LA 70053
mwhite@betagrouppgc.com

RE: SLDBE Re-certification Approval

Dear Murray White:

We are pleased to inform you that **The Beta Group Engineering & Construction Services, L.L.C.** has been approved for recertification as a State & Local Disadvantaged Business Enterprise (SLDBE). This approval represents certification with: City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel.

Your firm's contact information will be active on the online SLDBE Directory (<http://www.nola.gov/economicdevelopment/supplier-diversity/directory/>). It will reflect your areas of certification. Your specialties will be listed as:

CERTIFICATION DESCRIPTION: CONSTRUCTION MATERIALS TESTING; GEOTECHNICAL ENGINEERING; FORENSIC ENGINEERING; CIVIL ENGINEERING; SURVEYING SERVICES

NAICS 236220: PROJECT MANAGEMENT
NAICS 541330: CIVIL ENGINEERING SERVICES
NAICS 541330: ENGINEERING SERVICES
NAICS 541360: GEOPHYSICAL SURVEYING AND MAPPING SERVICES
NAICS 541370: SURVEYING AND MAPPING (EXCEPT GEOPHYSICAL) SERVICES
NAICS 541380: GEOTECHNICAL TESTING LABORATORIES OR SERVICES

A re-certification notice will be emailed to you prior to your renewal anniversary date. **However, should you not receive notification from this office for your re-certification, it is your responsibility to contact us.** Submittal of this information is necessary to ensure that there is no interruption in your certified status during your certification period. If a re-certification application is not received, we will proceed with decertification procedures.

We invite you to view City of New Orleans, Sewerage & Water Board of New Orleans, Louis Armstrong New Orleans International Airport and Harrah's New Orleans Casino & Hotel websites for SLDBE opportunities.

If we can be of further assistance, you may contact us at 504-658-4275 or via e-mail at saoliva@nola.gov.

Sincerely,

Sonia Oliva

Certification Coordinator

Office of Supplier Diversity | City of New Orleans
1340 Poydras Street | Suite 1800 | New Orleans, LA 70112



CERTIFICATE OF APPRECIATION

FOR

SUPPORT OF TASK FORCE GUARDIAN

AWARDED TO

Beta Testing and Inspection LLC

in recognition of the outstanding contributions your company provided in support of Task Force Guardian and the U.S. Army Corps of Engineers in the rebuilding of the Hurricane Protection System of southeast Louisiana. The efforts of your company were integral to meeting the Corps' goal of restoring protection by the June 1 start of hurricane season. The willingness of your employees to work long hours under difficult conditions is a tribute to the professionalism of your company and demonstrates your commitment to rebuilding southeast Louisiana.



**US Army Corps
of Engineers.**
New Orleans District

LEWIS F. SETLIFF III

COLONEL, U.S. ARMY
COMMANDER, TASK FORCE GUARDIAN