



STATEMENT OF QUALIFICATIONS FOR
PROFESSIONAL TRAFFIC
ENGINEERING SERVICES
SOQ 23-037; RESOLUTION NO. 143314



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

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 23-037 to Provide Routine Engineering Services for **Traffic Projects** – Resolution No. 143314

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



652 Papworth Avenue,
Metairie, Louisiana 70005

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

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

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

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

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

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

<u>7</u>	Administrative	<u>0</u>	Estimators	<u>1</u>	Specification Writers
<u>0</u>	Architects (Licensed)	<u>0</u>	Geologists	<u>2</u>	Structural Engineers
<u>0</u>	Chemical Engineers	<u>0</u>	Geotechnical Engineers	<u>2</u>	Graduate Engineers
<u>10</u>	Civil Engineers	<u>0</u>	Interior Designers	<u>4</u>	Project Managers
<u>13</u>	Construction Inspectors	<u>0</u>	Landscape Architects	<u>3</u>	Clerical
<u>0</u>	Ecologists	<u>1</u>	Land Surveyor	<u>10</u>	Grant/Funding Specialist
<u>0</u>	Electrical Engineers	<u>0</u>	Mechanical Engineers	<u>0</u>	Sanitary Engineers
<u>8</u>	Engineer Intern	<u>1</u>	Environmental Engineers		
<u>2</u>	Professional Land Surveyor			<u>74</u>	TOTAL

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

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

TEC Professional Services Questionnaire

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

1.

2.

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

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

Name & Address:

Specialty:

Worked with Firm Before (Yes or No):

1.

2.

3.

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

All South Consulting Engineers, LLC will provide **16** key personnel to this project. With a total of **74** staff members, All South has ample additional resources to allocate as necessary.

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

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

Project Assignment:

Principal in Charge

Name of Firm with which associated:

All South Consulting Engineers, LLC

Years' experience with this Firm:

20

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.

Erlanger Road Median Improvements Kenner, Louisiana

Mr. Bonura lead a team charged with the development of the Erlanger Road median, an urban transportation corridor in Kenner, La. This project included bike paths, street scape, and landscaping improvements to make this urban corridor more pedestrian and bike friendly.

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Aviation Road Improvements *Houma, Louisiana*

Mr. Bonura led a team and provided project oversight and administration for the Aviation Road Improvements project. The Houma Terrebonne Airport Commission needed to rehabilitate Aviation Road, a key roadway at the airport. Mr. Bonura provided overall project oversight, including budgeting, client relations, and managing the necessary resources for the job. This project included survey and geotechnical field work for the project, produced the plans and specifications, and managed the construction of the 3000' of roadway with an additional 4" of asphalt.

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

Mr. Bonura is providing project management and oversight for a team responsible for the surveying, engineering design, construction administration, and resident inspection for the FEMA eligible roadway improvements throughout the Lake Vista neighborhoods in Orleans Parish. This project consists of roadway, drainage, sewer, and water restoration.

HMGP Canal Crossing – Maureen Lane @ 20 Arpent Canal *Meraux, Louisiana*

Mr. Bonura led a team and provided oversight and administration for the layout, cost analysis, design, hydraulic analysis, and engineering plan and specification development for replacing 2 existing damaged culvert roadway canal crossings, each with specialty precast segmented grade level bridge crossings. This work was done in coordination with St. Bernard Parish Department of Public Works Engineering and construction staff, and FEMA guidelines. All South developed all typical section, plan-profile, foundation design and special detail sheets, coordinated with the associated utility agency for replacement and adjustments, developed specifications, and provided bid phase services and construction admin.

Lake Trail Dr. Drainage Improvements (W. Esplanade Ave. to Bruin Dr.) *Jefferson Parish, Louisiana*

Mr. Bonura provided engineering oversight for the Lake Trail project which consisted of interpreting a preliminary drainage analysis on the existing drainage system from Bruin Drive to the Canal 3 outfall. Implementing the designed drainage system, while also improving the sidewalks, driveways and street profile for better drainage, he developed a set of project plans, project traffic control plans, specifications, cost estimate and coordination with all involved utility agencies to final plans. The project is currently on hold by the Parish.

Patricia Street Traffic Analysis *New Orleans, Louisiana*

Mr. Bonura was the Principal and Lead Engineer for the detailed plans and specifications to be bid by the Louisiana Department of Transportation and Development (LADOTD) for improvements to Patricia Street from Jean Lafitte Parkway to Guerenger Canal. This is a heavily traveled Portland Cement Concrete roadway located in a densely populated neighborhood with underground utilities and overhead power lines. The scope of work included reconstruction of roadway surface, relocation of water and sewer lines, and upgrade of sub surface drainage. Prior to development of construction drawings, All South performed traffic counts to determine level of service at key intersections along with construction of a VISM traffic model illustrating the current traffic patterns.

Airport Road Extension *New Orleans, Louisiana*

Performance of a line and grade study of a new roadway approximately 4.4 miles in length to connect Airport Road to Louisiana Highway 11. The scope included the identification of a feasible route along with the coordination of the land survey, soils analysis, preliminary wetland assessment, and pre-application meetings with the Corps of Engineers regarding the Section 404 Clean Water Act permit. The report also included several different alternative roadway typical sections, with different construction materials and layouts. Since completed, All South has been authorized to develop construction drawings and construction management services.

Veterans/Severn Roadway Improvements *Jefferson Parish, Louisiana*

Mr. Bonura provided roadway improvements, construction management, and resident inspection services for intersection improvements with peak hour volumes in excess of 5,000 vehicles. The project included installation of over 1,400LF of concrete arch culvert with transition section under roadway that was installed in a 7 day period, working 24 hours per day with incentives for early completion. Project included two new signalized intersections. New roadway sections included 12" sand subbase and 8" Class II base course with 2" of Asphaltic Concrete Type 8F wearing surface and 6" of binder course. Project consisted of relocation of 30" ductile iron water main and several sewer line relocations.

10/ Williams Boulevard Interchange Improvements *Jefferson Parish, Louisiana*

Mr. Bonura performed the geometrical layout for the new Williams Boulevard Interchange and also developed the sign details and layouts. The Williams Boulevard interchange upgrade included three new overhead entrance/exit ramps with one being a fly over.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jens J. Nielsen, Jr., P.E. <i>Partner/ Principal in Charge</i>
Project Assignment:
Principal in Charge
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
20
Education: Degree(s)/Year/Specialization:
Bachelor of Science, 1992, Civil Engineering
Active registration: Year first registered/discipline:
1996, Civil, LA License No. 27096 1999, Civil, Mississippi License No. 19001
Other experience and qualifications relevant to the proposed Project:
<p>Jens J. Nielsen Jr., P.E. began his career in 1992 after receiving his Bachelor of Science in Civil Engineering from Louisiana State University. Upon graduating, he worked for 12 years with three multi-disciplinary civil engineering firms. During his tenure with these firms, Mr. Nielsen worked as design engineer and construction manager on engineering projects for municipal, private and state projects.</p> <p>After establishing his reputation as an experienced and trusted civil engineer in Southeast Louisiana, Mr. Nielsen was prompted to enhance his career even further. In 2004, Mr. Nielsen co-founded All South Consulting Engineers, LLC. As Principal, he manages the daily operations of the firm, overseeing designs and project management, ensuring time and budgetary commitments are upheld, and maintaining key client relations.</p> <p>Mr. Nielsen has provided QA/QC over the projects that All South Consulting Engineers, LLC has designed. He has additionally provided QA/QC services for the designs of other consultants as project manager of FEMA related projects after Hurricane Katrina for various municipalities.</p> <p>Slidell Infrastructure Repairs (Schneider, Bayou Vincent, W-14) Slidell, Louisiana</p> <p>Mr. Nielsen provided project management duties for both design and construction services for the construction of roadway, sewer and drainage improvements. Construction consisted of 5,146 SY of concrete pavement, 52,858 SY of asphalt pavement, 5,602 feet of storm drainage pipe and 23,141 feet of sewer line repairs. Mr. Nielsen performed all QC functions, reviewed all daily construction inspection reports and final review of pay requests.</p>

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

Mr. Nielsen provided project management duties for surveying, engineering design, construction administration and resident inspection for the FEMA eligible roadway improvements throughout the neighborhoods in Orleans Parish. Infrastructure improvements in this project include repairs to sewer, potable water, and pavement. As project manager, Mr. Nielsen performed Quality control reviews throughout the project, attended design meetings, performed all technical in-house reviews, managed construction administrative services and completed construction closeout documents on the completed phase.

Airport Road Extension St. Tammany Parish, Louisiana

Mr. Nielsen was project manager in charge of the construction of 6-mile two lane asphalt roadway connecting Highway 11 to Airport Road. Along with project manager, Mr. Nielsen was also the lead design engineer and performed all construction management duties. His duties included reviewing all daily inspection reports, change orders, and approving all pay requests and performed project closeout documentation.

Erlanger Road Median Improvements Kenner, Louisiana

Mr. Nielsen was part of a team charged with the development of the Erlanger Road median, an urban transportation corridor in Kenner, La. This project included bike paths, street scape, and landscaping improvements to make this urban corridor more pedestrian and bike friendly. The drainage plan utilized earthen grass ditches for storage. Mr. Nielsen oversaw engineering plans and project specifications for new bike/pedestrian 12' wide shared concrete path within Entergy right of way/park grass area adjacent to Erlanger Road in residential area of Kenner between Vintage Blvd. and the lake levee. He ensured that specifications for all were in accordance with ASSHTO standards. The project involved coordination with landscape architect for new landscape (trees) and lighting enhancements, program manager and other consultant for an adjoining future path, for eventual bid/construction as per City of Kenner DPW, LADOTD and JP Levee Board criteria and coordination with Entergy or any other applicable utility agencies.

St. Charles Comprehensive Pedestrian and Bike Plan St. Charles Parish, Louisiana

Mr. Nielsen was part of a team tasked with developing alternative means of transportation within St. Charles Parish, with an emphasis on making the Parish more bike and pedestrian friendly. This work for the Regional Planning Commission included an assessment of the existing bike/pedestrian path infrastructure, community outreach, identification of funding sources, and related matters.

Government St. Improvements Ocean Springs, Mississippi

Mr. Nielsen was tasked with planning, design, and construction administration for construction of new pedestrian walkways and crossings along Government St. This project included a 300' span across a small creek and wetland area in the middle of the project area. The bridge was designed to allow for light and rain runoff to flow into the areas to help preserve the plants in the wetland area.

Veterans/Severn Roadway Improvements Jefferson Parish, Louisiana

Mr. Nielsen provided roadway improvements, construction management, and resident inspection services for intersection improvements with peak hour volumes in excess of 5,000 vehicles. The project included installation of over 1,400 linear ft. of concrete arch culvert with transition section under roadway that was installed in a 7-day period, working 24 hours per day with incentives for early completion. This project also included two new signalized intersections. New roadway sections included 12" sand sub base and 8" Class II base course with 2" of Asphaltic Concrete Type 8F wearing surface and 6" of binder course. Project also consisted of relocation of 30" ductile iron water main and several sewer line relocations.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Stephen Bourg, P.E. <i>Senior Vice President</i>
Project Assignment:
Senior Project Manager/ Senior Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
18
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, 1994 Post-Graduate Studies – Structural Engineering, 1994-1996
Active registration: Year first registered/discipline:
1998, Civil, Louisiana License No. 28240
Other experience and qualifications relevant to the proposed Project:
<p>Stephen Bourg, P.E. joined All South Consulting Engineers in 2005, and is currently Senior Vice President managing both the design and disaster management divisions. His responsibilities include oversight of all design projects and grant programs. Mr. Bourg manages a staff of over 40 individuals including professional engineers, program/construction managers and other design/supporting professionals. Mr. Bourg has over 29 years of civil structural design experience and over 12 years of PA, HMGP, Debris & PDA experience on 7 federally declared disasters. He has overseen design, program and construction management of over 2 billion dollars of projects which include: schools, theme parks, roads, bridges, locks, drainage infrastructure, public utilities, pump stations, coastal restoration, levees, floodwalls, hotels, fire houses, high rise condos, community centers, and numerous commercial buildings.</p> <p>DPW Capital Improvements Program – Audubon Neighborhood Road Repairs New Orleans, Louisiana Mr. Bourg performed and supervised staff engineers in the design of street repairs throughout the Audubon neighborhood in Orleans Parish. Detailed roadway assessments were performed throughout the neighborhood. The design consisted of roadway pavement (asphalt, concrete and composite), concrete sidewalks, driveways, curbs and ADA Ramp repairs and replacement. Also, Mr. Bourg coordinated with Sewerage and Water Board and the Department of Public Works to incorporate waterline, storm drain and sewer repairs and the associated pavement areas.</p> <p>DPW Capital Improvements Program – Black Pearl & East Carrollton Neighborhood Road Repairs New Orleans, LA Mr. Bourg performed and supervised staff engineers in the design of street repairs throughout the Black Pearl and East Carrollton neighborhood in Orleans Parish. Detailed roadway assessments were performed throughout the neighborhood. The design consisted of roadway pavement (asphalt, concrete and composite), concrete sidewalks,</p>

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driveways, curbs and ADA Ramp repairs and replacement. Also, Mr. Bourg coordinated with Sewerage and Water Board and the Department of Public Works to incorporate waterline, storm drain and sewer repairs and the associated pavement areas.

DPW Capital Improvements Program – Uptown & West Riverside Road Repairs *New Orleans, Louisiana*

Mr. Bourg performed and supervised staff engineers in the design of street repairs throughout the Uptown and West Riverside neighborhood in Orleans Parish. Detailed roadway assessments were performed throughout the neighborhood. The design consisted of roadway pavement (asphalt, concrete, composite), concrete sidewalks, driveways, curbs and ADA Ramp repairs and replacement. Also, coordinated with Sewerage and Water Board and the Department of Public Works to incorporate waterline, storm drain and sewer repairs and associated pavement areas.

Erlanger Bike Path & Enhancements (Vintage Drive to Lake) *Kenner, Louisiana*

Mr. Bourg was the senior project manager for the development of engineering plans, project specifications and costing for new bike/pedestrian 12' wide shared concrete path within Entergy right of way/park grass area adjacent to Erlanger Road in residential area of Kenner between Vintage Blvd. This path connects an existing path along Power Boulevard and the Bike path on Lake Pontchartrain. Through the direction of Mr. Bourg leadership, this was the first project in the City of Kenner 2030 strategic plan.

Schneider Canal Drainage Basin Infrastructure Repairs *Slidell, Louisiana*

Mr. Bourg provided design and administration oversight for the rehabilitation of about 4,030 concrete road panels and over 10,160' of asphalt roadway in Slidell, Louisiana. These streets were damaged in Hurricane Katrina and required day to day management of the design and construction management. This project consisted of reviewing and including eligible FEMA roadway, drainage and sewer repairs in a set of project documents. Mr. Bourg oversaw all design and ensured that all eligible work was included in the project plans.

Bayou Vincent Drainage Basin Infrastructure Repairs *Slidell, Louisiana*

Mr. Bourg provided design and administration oversight for the rehabilitation of about 343 concrete road panels and over 11,920' of asphalt roadway in Slidell, Louisiana. These streets were damaged in Hurricane Katrina and required day to day management of the design and construction management. This project consisted of reviewing and including eligible FEMA roadway, drainage and sewer repairs in a set of project documents. Mr. Bourg oversaw all design and ensured that all eligible work was included in the project plans.

W-14 Canal Drainage Basin Infrastructure Repairs *Slidell, Louisiana*

Mr. Bourg provided design and administration oversight for the rehabilitation of about 1,150 concrete road panels and over 5,500 of asphalt roadway in Slidell, Louisiana. These streets were damaged in Hurricane Katrina and required day to day management of the design and construction management.

Bayou Bonfouca Canal Drainage Basin Infrastructure Repairs *Slidell, Louisiana*

Mr. Bourg provided design and administration oversight for the rehabilitation of about 3000 concrete road panels and over 6,460' of asphalt roadway in Slidell, Louisiana. These streets were damaged in Hurricane Katrina and required day to day management of the design and construction management. During construction of the project, scope was added to repair over 700 LF of 4'x6' box culverts. Mr. Bourg oversaw all aspects of design and construction administration for the projects which included precast boxes, cast in place box culverts, and cured in place pipe (CIPP) repairs for areas that were inaccessible from above ground. Construction admin for the project included coordinating construction phases with the contractor, resident inspector and Owner, and working with the contractor to resolve unforeseen construction conditions.

HMGP Canal Crossing – Maureen Lane @ 20 Arpent Canal St. *Bernard Parish, Louisiana*

Mr. Bourg provided design and administration oversight for the layout, cost analysis, design, hydraulic analysis, and engineering plans and specification development for replacing three (3) 72" existing damaged culverts beneath a roadway canal crossing with a specialty precast 8-segment, 20'-width x 48' total length parabolic concrete span culvert crossing for 4,000 cfs capacity flow with headwalls/wingwalls. The design also included an at-grade, 24'-width concrete roadway/curb restoration including sidewalks, guardrails, handrails, rip rap, and incidental paving in coordination with St. Bernard Parish Dept. of Public Works and in accordance with FEMA guidelines. The project involved coordination of all survey information and CAD drafting, developed all typical section, plan-profile, foundation design and associated special detail sheets with vendor and utility agency coordination.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jarret Bauer, P.E. <i>Civil Engineer</i>
Project Assignment:
Project Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
17
Education: Degree(s)/Year/Specialization:
Master of Science, Ongoing, Coastal and Ecological Engineering Bachelor of Science, 2007, Civil Engineering Bachelor of Science, 2005, Business Management
Active registration: Year first registered/discipline:
2011, Civil, Louisiana License No. 36720
Other experience and qualifications relevant to the proposed Project:
<p>Jarret Bauer is a graduate of Loyola University in New Orleans and Louisiana State University, achieving a B.S. in Civil Engineering and a B.A. in Business Administration from Loyola University in May 2005. Mr. Bauer has a distinguished career that spans over sixteen years of infrastructure design, construction administration, and project management experience primarily in the fields of transportation and facilities (residential and commercial). A majority of his experience has been hands-on management of large-scale construction projects for government municipalities along with a vast experience in disaster management assistance. His current expertise includes hazard mitigation projects involving hydraulic modeling using the latest software, Benefit-Cost Analysis using FEMA approved methodologies and tools to demonstrate the cost effectiveness of projects. His current and previous projects include:</p> <p>St. Theresa Medical Roadway Design Kenner, Louisiana Mr. Bauer has performed drainage calculations for a new four-lane divided highway along 6 miles of undeveloped land. These calculations have included new box culvert crossings of bayou Lacombe and bayou Liberty along with earthen and subsurface drainage collection systems. Improvements along a 1.2 mile stretch of existing roadway consisting of the addition of a center turning lane, construction of roadway shoulders, closing of open ditches to sub-surface drainage, and the coordination of utility relocation and right-of-way acquisition.</p> <p>Perkins Road @ Quail Run Baton Rouge, Louisiana Mr. Bauer designed 1,900 LF of 5 ft. sidewalk improvements on Perkins Rd. in Baton Rouge extending from The District Apartments to Quail Run Dr. The project presented several unique challenges, including extremely steep grades along</p>

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Perkins Rd. The project included seven (7) existing commercial driveways that all required replacement in order to meet grade with the proposed sidewalk. The project required significant cut in many areas to maintain desirable slope. Barrier was included in these sections to minimize the exposed cut. The project also featured a proposed bus stop, which was design to meet all existing grades. The entire project was designed to meet ADA Accessibility Standards, included handicap ramps with detectable warning surfaces.

Perkins Road @ Hundred Oaks *Baton Rouge, Louisiana*

Mr. Bauer provided project oversight for 1,500 LF of 5 ft. sidewalk improvement project in Baton Rouge along Perkins Road between Virgil St. and Pliny St. The project included multiple driveway replacements in order to match grade, as well as select sections of subsurface drainage installation. The entire project was designed to meet ADA Accessibility Standards, included handicap ramps with detectable warning surfaces. The project was designed around existing infrastructure to minimize residential impacts, including subsurface utility conflicts, ornamental landscaping, signage, and other residential neighborhood features.

Plaquemines Parish Roads Hurricane Katrina *Plaquemines Parish, Louisiana*

Mr. Bauer inspected all roads flooded during hurricane Katrina for damage, prepared detailed damage reports with costs estimates, worked with FEMA on funding prepared construction documents, and managed the construction of the repairs. Repairs included both asphalt and concrete road repairs for \$3.5 million.

Airport Road Extension, *St. Tammany Parish, Louisiana*

Mr. Bauer has performed drainage calculations for a new four-lane divided highway along 6 miles of undeveloped land. These calculations have included new box culvert crossings of bayou Lacombe and bayou Liberty along with earthen and subsurface drainage collection systems. Improvements along a 1.2 mile stretch of existing roadway consisting of the addition of a center turning lane, construction of roadway shoulders, closing of open ditches to sub-surface drainage, and the coordination of utility relocation and right-of-way acquisition.

Oak Grove Primary Access Driveway Improvements *Prairieville, Louisiana*

Mr. Bauer oversaw the design of an elevated access drive for the Oak Grove Primary School. The site floods under heavy rain conditions, so Mr. Bauer and his team designed an elevated concrete drive with associated drainage improvements to alleviate the flooding while channeling all water toward the highway. Services included engineering design and survey, and coordinate with School Board staff.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jack Hingle, P.E. Senior Civil Engineer
Project Assignment:
Senior Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
9
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, 1979, Louisiana State University
Active registration: Year first registered/discipline:
1987/ Civil PE Louisiana License No. 22622
Other experience and qualifications relevant to the proposed Project:
<p>Jack Hingle joined All South Consulting Engineers in 2014, bringing over 30 years of engineering experience. Mr. Hingle has extensive drainage, sewage, water, and roadway experience performing such design for local parishes and the LA DOTD.</p> <p>Lake Trail Dr. Drainage Improvements (W. Esplanade Ave. to Bruin Dr.) Metairie, Jefferson Parish, Louisiana Mr. Hingle's duties on the Lake Trail project consisted of interpreting a preliminary drainage analysis on the existing drainage system from Bruin Drive to the Canal 3 outfall. Implementing the designed drainage system, while also improving the sidewalks, driveways and street profile for better drainage, he developed a set of project plans, project traffic control plans, specifications, cost estimate and coordination with all involved utility agencies to final plans. The project is currently on hold by the Parish.</p> <p>South Kenner Avenue Rehabilitation (Between Live Oak Blvd. and Chenevert Rd.) Jefferson Parish, Louisiana Mr. Hingle is Lead Design Engineer responsible for design and engineering plan preparation for Jefferson Parish Dept. of Public Works. His duties include interpreting survey data and developing all typical sections, plan sheets with improved roadway & profile and proposed drainage structures, cross sections, quantities, details, cost estimate and eventually specifications necessary to bid/construct the rehabilitation of an existing asphalt roadway through a partial rural and developed residential area with existing side ditch drainage, into a wider and improved roadway section by asphalt overlay with new sidewalks and subsurface drainage within existing parish right of way and as per Jefferson Parish criteria and all necessary coordination with associated utility agencies. In addition, Mr. Hingle also directs and supervises CAD staff.</p>

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Lake Vista Group D New Orleans, Louisiana

The project scope involves the rehabilitation of city streets and park walkways through an upscale, residential neighborhood. The scope also includes the total reconstruction/retrofit of the concrete roadways and sidewalks within the 50' Right of Way. Mr. Hingle's duties include directing All South survey crews through topographical survey updates, coordinating with CAD staff and E.I. associate on the development and implementation of plans along with typical sections, plan profile sheets, geometrics, drainage and utilities design, graphical grades/joint layout, and specifications. All of which are in accordance with NODPW and Sewerage & Water Board standards. Mr. Hingle also worked with and directed sub engineering consultants through the completion and bid phase. The project is currently under design and is set to be completed by the end year for public bid. Following the design phase, Mr. Hingle will oversee the construction administration.

Lakeview South Group B New Orleans, Louisiana

The project scope involves the rehabilitation of several city streets through the Lakeview neighborhood. The scope also includes total reconstruction with drainage and utilities, partial reconstruction with drainage or cold mill, and overlay of selected asphalt and concrete roadways with sidewalks within the 50' Right of Way. Mr. Hingle's duties include directing All South survey crews through topographical survey updates, coordinating with CAD staff and EI associate to develop plans with typical sections, plan profile sheets, geometrics, drainage and utilities design, graphical grades/joint layout and specifications. All of which are in accordance with NODPW and Sewerage & Water Board standards. Mr. Hingle also worked with and directed sub engineering consultants through the completion and bid phase. Following the design phase, Mr. Hingle will oversee the construction administration.

City of New Orleans Dept. of Public Works Street Rehabilitation FEMA – Uptown Streets New Orleans, Louisiana

Engineering Plan design review for FEMA designated uptown city streets in coordination with EI from our office and New Orleans Dept. of Public Works plan reviewers for FEMA funded repair of city streets. Review/check spreadsheet with limits and quantities with ASCE plans and FEMA directives for same.

HMGP Canal Crossing – Golden Drive @ Intercepting Canal, St. Bernard Parish, Louisiana

Mr. Hingle was responsible for the layout, cost analysis, design, hydraulic analysis, and engineering plan and specification development for replacing two (2) existing damaged culvert roadway canal crossings each with specialty precast segmented grade level bridge crossings in coordination with St. Bernard Parish Dept. of Public Works Engineering and construction staff, and FEMA guidelines including developing all typical section, plan-profile, foundation design and special details sheets etc. with associated utility agency coordination for replacement and/or adjustments and developing specifications to completion and bid phase then construction administration.

HMGP Canal Crossing – Maureen Lane @ 20 Arpent Canal St. Bernard Parish, Louisiana

Mr. Hingle was responsible for the layout, cost analysis, design, hydraulic analysis, and engineering plan and specification development for replacing two (2) existing damaged culvert roadway canal crossings each with specialty precast segmented grade level bridge crossings in coordination with St. Bernard Parish Dept. of Public Works Engineering and construction staff, and FEMA guidelines including developing all typical section, plan-profile, foundation design and special details sheets etc. with associated utility agency coordination for replacement and/or adjustments and developing specifications to completion and bid phase then construction administration.

Ames Blvd. Improvements (Barataria Blvd. South to East Ames Blvd.) Jefferson Parish, Louisiana

Mr. Hingle was the engineer responsible for the layout, design and plan development for subsurface drainage system and roadway improvement/reconstruction for major arterial in Jefferson Parish. Develop drainage design and roadway plans, typical sections, special details, utility coordination/ relocation as required, traffic plan design and specifications under direction Jefferson Parish Dept. of Public Works and DOTD review.

North and South Causeway Blvd. Improvements Jefferson Parish, Louisiana

Mr. Hingle was the engineer responsible for the layout, design and plan development for drainage and roadway improvements for major arterial roadway Jefferson Parish including all typical sections, special details, drainage design, utility coordination/relocation as required, traffic plan design, specifications development and construction administration.

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KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Steven Schorr, P.E. <i>Civil Engineer</i>
Project Assignment:
Project Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
10
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, 2009 Minor in Structures, 2009
Active registration: Year first registered/discipline:
2015, Civil, Louisiana License No. 39515
Other experience and qualifications relevant to the proposed Project:
<p>Steven Schorr, PE joined All South as a licensed Engineering Intern in 2013. Mr. Schorr is providing engineering design, and construction administration on several roadway and drainage projects including Slidell FEMA Roads program and previously the Jefferson Parish FEMA Roads program. He has worked closely with the contractors and residents to making sure all complaints are addressed. Mr. Schorr's relevant experience includes:</p> <p>Lake Trail Drive Drainage Improvements (Between W. Esplanade Ave. and Bruin Dr.) Metairie, Louisiana Mr. Schorr's duties on the Lake Trail project consisted of performing a preliminary drainage analysis on the existing drainage system from Bruin Drive to the Canal 3 outfall, using the DOTD Hydrwin 6020 software and Rational Method. After the preliminary phase, the same methods were used to design the drainage system from Bruin Drive to the Canal 2 outfall. Using the designed drainage system, while also improving the sidewalks, driveways and street profile for better drainage, he developed a set of project plans, project traffic control plans, specifications, and cost estimate for the project based on Jefferson Parish's engineering criteria.</p> <p>Jefferson Parish Submerged Road Projects Jefferson Parish, Louisiana This project consists of replacing storm damaged asphalt and concrete streets in the Jefferson Parish area. Mr. Schorr's duties as Program Manager included attending field meetings to discuss project schedules and issues, performing substantial completion and punch list walkthroughs with the Owner, Engineer and Contractor, communicating with residents that had concerns or questions with construction in their neighborhood and reviewing project change orders.</p> <p>DPW Capital Improvements Program – (Pines Village, Lake Catherine, Viavant, Uptown, West Riverside, Black Pearl, East Carrollton and Audubon) New Orleans, Louisiana</p>

TEC Professional Services Questionnaire

These projects involved the repairing of streets throughout Orleans Parish. Mr. Schorr's duties included: Detailed walkthroughs of each of our neighborhoods in efforts to include additional damages of streets, curb and sidewalk due to Hurricane Katrina; Present to FEMA allowable code upgrades to be included in scope of work; Compiling specifications, quantity calculations and construction cost estimates; Detailed review of plans and project worksheets; Compiling scoping report, photos of additional damages, and aerial photos of damages due to FEMA trailers, home demolitions and debris piles.

Schneider Canal Drainage Basin Infrastructure Repairs Slidell, Louisiana

Mr. Schorr was the primary project manager for the rehabilitation of about 4,030 concrete road panels and over 10,160' of asphalt roadway in Slidell, Louisiana. These streets were damaged in Hurricane Katrina, and Mr. Schorr provided day to day management of the design and construction management for this project. This project consisted of reviewing and including eligible FEMA roadway, drainage and sewer repairs in a set of project documents. Mr. Schorr's duties included overseeing all design and assuring that all eligible work was included in the project plans. He also created details and roadway sections to illustrate how the work should be constructed.

W-14 Drainage Basin Infrastructure Repairs Slidell, Louisiana

Mr. Schorr was the primary project manager for the rehabilitation of about 1,150 concrete road panels and over 5,500 of asphalt roadway in Slidell, Louisiana. These streets were damaged in Hurricane Katrina, and Mr. Schorr provided day to day management of the design and construction management for this project.

Bayou Vincent Drainage Basin Infrastructure Repairs Slidell, Louisiana

Mr. Schorr was the primary project manager for the rehabilitation of about 343 concrete road panels and over 11,920' of asphalt roadway in Slidell, Louisiana. These streets were damaged in Hurricane Katrina, and Mr. Schorr provided day to day management of the design and construction management for this project. This project consisted of reviewing and including eligible FEMA roadway, drainage and sewer repairs in a set of project documents. Mr. Schorr's duties included overseeing all design and assuring that all eligible work was included in the project plans. He also created details and roadway sections to illustrate how the work should be constructed.

Bayou Bonfouca Canal Drainage Basin Infrastructure Repairs Slidell, Louisiana

Mr. Schorr was the primary project manager for the rehabilitation of about 3000 concrete road panels and over 6,460' of asphalt roadway in Slidell, Louisiana. These streets were damaged in Hurricane Katrina, and Mr. Schorr provided day to day management of the design and construction management for this project. During construction of the project, scope was added to repair over 700 LF of 4'x6' box culverts. Mr. Schorr performed all aspects of design and construction admin for the projects which included precast boxes, cast in place box culverts, and cured in place pipe (CIPP) repairs for areas that were inaccessible from above ground. Construction admin for the project included coordinating construction phases with the contractor, resident inspector and Owner, and working with the contractor to resolve unforeseen construction conditions.

Government Street Improvements Ocean Springs, Mississippi

This project consisted of constructing sidewalk, drainage swales, sloped pavement, boardwalk, bridge & subsurface drainage. His duties included doing project quantity take offs and developing the project cost estimate.

Airport Road Phase 2b St. Tammany Parish, Louisiana

The Airport Road Phase 2b Project was new road construction projected that consisted of roughly 3.7 miles of asphalt pavement with base, new drainage and striping. Mr. Schorr's duties included reviewing and approving all shop drawings and responding to RFI's, attended construction progress meetings, and visited the site to resolve any conflicts, and reviewed pay requests and change orders from the contractor. He also reviewed the resident inspector's daily reports and made sure that the critical path was being met on schedule and ensured that the daily reports documented all the key elements of construction.

LaDOTD Lindberg Drive @ US 190 (Gause Blvd) Slidell, Louisiana

This project consists of Roadway rehabilitation in a heavily trafficked area. The project includes concrete and asphalt roadway work, the addition of a turning lane onto Gause Blvd. to alleviate traffic issues in the area, and drainage improvements along Lindberg Drive. As the Project/Construction Manager for this project, Mr. Schorr's responsibilities include: Construction management, inspector management, project coordination, client coordination, SiteManager inputs, utility coordination, contractor coordination, change orders, submittal reviews, update meetings.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Gavin Gillen, P.E. Civil Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
8
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, 2006
Active registration: Year first registered/discipline:
2011, Civil, Louisiana License No. 35969
Other experience and qualifications relevant to the proposed Project:
<p>Gavin Gillen, PE graduated from the University of New Orleans with a Bachelor of Science degree in Civil Engineering in 2006. He has over ten years of experience in civil engineering and design. Mr. Gillen has extensive experience in the local roadway systems.</p> <p>Jefferson Parish Roads Program Management (West Bank) Jefferson Parish, Louisiana Mr. Gillen serves on the program management team providing technical review of construction documents, correspondence and coordination with design firms for Parish supplied documents and assisting contract administration during construction. Mr. Gillen currently has 15 projects assigned to him that currently span between just starting (preliminary design phase) to almost finishing (construction phase). The contract administration work requires coordination of site meetings, review of pay requests, and review of contract documents (e.g., change orders, Certificate of Substantial Completion, etc.). Mr. Gillen began working on the program management team in 2018, resulting in approximately 3 years of experience for this position. Due to the varying projects in different phases, it is estimated that this program will be completed in 2022 with a total cost of \$42 Million.</p> <p>W-14 Infrastructure Repairs Slidell, Louisiana This project consists of reviewing and designing eligible FEMA roadway, drainage, and sewer repairs in a set of project documents. Mr. Gillen oversaw the design for the project, which included a scope expansion to match the City's eligible budget. For example, the City of Slidell requested a solution for an area that would often have ponding water in the roadway, so drainage work was added into this project that was only to be for sewer and roadway repairs.</p>

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Four-Year Road Maintenance Program *St. Charles Parish, Louisiana*

Mr. Gillen was the program manager for the referenced project between 2012 to 2019. Mr. Gillen was responsible for obtaining general information on every Parish roadway, processing that information into a user-friendly database, and creating a report that recommends roadway improvements for the Parish's consideration. The Parish would then establish a list of potential roadways to be improved, followed by a more intensive review/measurement of the roadways on the Parish list by Mr. Gillen. Once the review and measurement of roadways was completed, Mr. Gillen would compile a list of roadways that could be improved under the defined annual budget for that specific. The report also provided essential documentation presented to the State, which partially funded the annual improvements. The cost for construction was approximately \$1.2 Million per year, ranging between 90 to 120 days of construction time. Mr. Gillen's construction administration responsibilities included obtaining roadway measurements/ data, reviewing pay requests and quantities, reviewing resident inspector daily reports, coordinating meetings/site visits, and generating contract documents (e.g., Notice-To-Proceed, Certificate of Substantial Completion, change orders, etc.). Because the roadway work affected the general public daily, Mr. Gillen was instrumental in assisting the Parish with any complaints that may have been arisen due to construction activity.

St. Charles Parish Comprehensive Bicycle and Pedestrian Master Plan *St. Charles Parish, Louisiana*

Mr. Gillen is currently leading the efforts to create a comprehensive master plan for St. Charles Parish to use in future roadway construction/renovations. The project primarily focuses on safety aspects of paths for pedestrians and cyclists but will also consider adding paths to connect neighborhoods throughout the Parish. The program used data obtained from crashes recorded over a 10-year time span within the Parish. A public survey was made available and a series of public outreach meetings were held to obtain the ideas from the citizens of St. Charles Parish stating where they felt, or would feel, unsafe when walking or cycling. The first round of public meetings was held in three locations, with the public giving general insight on areas that should be addressed for lack of safety or the needs to having facilities that currently do not exist. The second round of public outreach meetings, also held in three different locations, was to inform the public of how the ideas from the first round influenced the current plan, and to confirm that the plans captured what was initially requested by the public. This program is being funded by the FHWA through the Regional Planning Commission.

Ormond Blvd. Rehabilitation *St. Charles Parish, Louisiana*

This project rehabilitated a 3 mile stretch of roadway by replacing cracked concrete panels and having the asphalt portions milled and overlaid. The project also included restriping the roadway for traffic calming and bike lane safety. Mr. Gillen was the designer of this project.

Audubon Dr. Street Improvements *Slidell, Louisiana*

As the lead engineer on this project, Mr. Gillen's role was designing the replacement of a composite asphalt/concrete roadway with a concrete roadway. Other aspects of this project include drainage structure renovations and ADA ramp installations. As the contract administrator, Mr. Gillen managed all project documents between the City of Slidell and the Contractor.

Roadway Management System; Conditions Inventory I and II *Jefferson and Orleans Parishes, Louisiana*

Mr. Gillen was the lead engineer on this roadway project for the Regional Planning Commission. The project assessed roads throughout the Greater New Orleans area, resulting in a priority list for future rehab consideration. This program was funded by the FHWA/LA DOTD.

Southeast LA Submerged Roads Program *Orleans, Jefferson, and St. Bernard Parishes, Louisiana*

Mr. Gillen was part of the program management team that oversaw multiple roadway rehab projects throughout the Greater New Orleans area. These roadways also included the addition of bike lanes and ADA ramps since it was federally funded by FEMA. His duties included coordinating meetings for all agencies and designers, providing QA/QC, and assisting inspectors by entering field notes into the Site Manager prog

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Michael Slovensky, P.E. Civil Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
11
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, 2007
Active registration: Year first registered/discipline:
2015, Civil, Louisiana License No. 40354
Other experience and qualifications relevant to the proposed Project:
<p>Michael B. Slovensky is a graduate of McNeese State University with a BS in civil engineering. He has over 10 years of experience in structural design of concrete, steel and timber structures with a concentration in design of coastal structures and foundations. He began designing in Cameron Parish, Louisiana for facility reconstruction resulting from Hurricanes Rita and Ike. He has designed many different types of concrete structures: storage tank ring wall foundations, fishing piers, boat launches, retaining wall systems, parish bridges, and several cast in place elevated concrete structures.</p> <p>Jefferson Parish Fire Station No. 12 <i>Jefferson Parish, Louisiana</i> The project consists of planning, designing, and construction of a new fire station for Jefferson Parish. The structure was comprised of 3,700 SF of a two-story living quarters adjacent to an 840 SF single engine bay. Mr. Slovensky's duties included coordination of design by all disciplines, parish and DOTD permitting, civil site design, structural design of the building system and foundation, and project management during construction. 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 5 persons, required 5 parking spaces, and a van accessible handicap space. Project required coordination and multiple reviews with local code enforcement to achieve an acceptable site layout.</p> <p>Westgate Subdivision Drainage Improvements <i>Jefferson Parish, Louisiana</i> The project included the installation of two (2) drainage pumping stations along Napoleon Blvd.; removal/replacement of PCC Pavement; removal/replacement of subsurface drainage systems; and rerouting of public utilities. Mr.</p>

TEC Professional Services Questionnaire

Slovensky's duties included development of detailed design plans and specifications; development of the construction cost estimate for budgeting; and Project management during construction; including conducting construction meetings; review of submittals; processing of pay applications and change orders; inspection of construction for compliance and close-out; and review/submission of close-out documentation for final acceptance.

West Esplanade Canal 10 Drainage Improvements *Jefferson Parish, Louisiana*

The project consisted of the Removal/Replacement of culvert system under West Esplanade Ave.; site dewatering; removal/replacement of PCC Pavement; removal/replacement of subsurface drainage systems; and rerouting of public utilities. Mr. Slovensky's duties include development of detailed design plans and specifications; development of the construction cost estimate for budgeting; with project management and construction administration during construction, including: conducting construction meetings; review of submittals; processing of pay applications and change orders; inspection of construction for compliance and close-out; inspection for substantial completion; and review of close-out documentation for final acceptance.

Canal "A" Drainage Improvements *New Sarpy / St. Charles Parish, Louisiana*

Project consisted of the design of multiple Cantilevered Steel Sheet Pile Wall Systems to line a section of Drainage Canal, with removal of an existing 96" Arch Culvert and replacement with two (2) 6' x 10' Cast In Place Box Culverts, to improve drainage flow and prevent flooding. Project estimated to cost \$4.6 Million Dollars which, included over 1800 LF of Cantilevered SSP, approximately 120 LF of a curved Box Culvert utilizing approximately 450 CY Of Class A Concrete, with three (3) concrete flumed entrances and included removal and replacement of approximately 350 SY of PCC Roadway and curbing. My responsibilities included: design coordination between professions, review of geotechnical soil data, structural design of cantilevered SSP Systems with design of the Concrete Box and flume Sections. I fully developed all bid Plans and Specifications, complete with a detailed cost estimate and will handle the public bidding of the project and shall be responsible for all construction administration and final project closeout.

Breakwater Drive / Municipal Yacht Harbor *New Orleans, Louisiana*

The project consists of planning, design and construction of Hurricane Katrina repairs to the breakwater facility, located at the Municipal Yacht Harbor, in New Orleans, LA. Repair to include: removal/replacement of asphalt surface and base material; mill and overlay of asphalt roadway; repair of electrical site lighting, with installation of electrical supply on elevated steel platform; excavation of drainage ditches, with placement of fill material to shape the site; installation of Rip Rap on exiting berm to achieve a higher elevation for flood hazard mitigation. Mr. Slovensky's duties consisted of development of a detailed damage assessment for formulation of the FEMA PW; working with the City of New Orleans to develop Hazard Mitigation Proposals; development of detailed design plans and specifications; development of the construction cost estimate for budgeting; and Project management during construction, including: conducting construction meetings; review of submittals; processing of pay applications and change orders; inspection of construction for compliance and close-out; and review of close-out documentation for final acceptance.

Viavant Lake Catherine Group C *New Orleans, Louisiana*

Project was Federally Funded under the FEMA Recovery Roads Program and consisted of approximately 8000 linear feet of roadway restoration and approximately 4000 linear feet of waterline replacement by means of horizontal directional drilling for a total construction cost of \$3,646,956.00. The project included construction under the Department of Public Works and the Sewerage and Water Board. My responsibilities included, construction administration (CA), coordination of resident inspection, project closeout and development of as built drawings. M. Slovensky was responsible for conducting all project meetings; review processing and disturbing all inspection reporting, review and processing all invoicing for contractor, special services, and materials testing.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Emily Newell, P.E. Civil Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
2
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil and Environmental Engineering, 2012
Active registration: Year first registered/discipline:
2015, Civil, Louisiana License No. 43646
Other experience and qualifications relevant to the proposed Project:
<p>Ms. Newell has been providing consulting engineering services for clients in Southeast Louisiana since 2007. Throughout her career, Ms. Newell has gained a broad range of experience in a variety of fields including land development; hydraulics; hydraulic modeling; wastewater collection and treatment; lift stations; water distribution systems; roadways; drainage collection systems; pumping stations; bulkheads; marsh creation; permitting; environmental assessments; construction administration; forensic engineering; grant assistance and other general engineering services. Since joining All South Consulting Engineers, Ms. Newell has been tasked with managing over \$16M in infrastructure improvements for clients in Lafourche, Livingston & Jefferson Parishes. Ms. Newell understands the importance of being readily available and responsive to clients, permitting agencies, team members and other involved personnel and strives to answer all calls and return messages promptly.</p> <p>Northbound Barataria Right Turn Lane to Wichers Drive <i>Jefferson Parish, Louisiana</i> Barataria Blvd. is a principal arterial in Jefferson Parish which falls under the authority of the Louisiana Department of Transportation and Development (LADOTD). The Boulevard is subject to high amounts of traffic with over 39,000 trips per day. Wichers Drive is a local collector road which provides access to a number of health clinics and to the Bridge Point Continuing Care Hospital. High volumes of turning traffic have caused congestion at this intersection. In response, Jefferson Parish authorized the design for a new right turn lane from Barataria Blvd. to Wichers Drive. Ms. Newell was responsible for assisting with topographic and right-of-way services and providing design services for this project. Work included restriping, addition of the turning lane, right-of-way taking, relocation of an existing waterline including trenching and boring, new drainage features and LADOTD permitting, all in accordance with Jefferson Parish and</p>

TEC Professional Services Questionnaire

LADOTD standards. The estimated construction cost of this work is \$366K.

Metairie Road Drainage Improvements *Jefferson Parish, Louisiana*

Metairie Road (LA 611-9) is a critical urban highway in the Metro New Orleans area which provides essential transportation to and from New Orleans and Jefferson Parish and allows access to major thoroughfares including Interstate 10, Causeway Boulevard, and Airline Highway. Metairie Road serves many commercial and residential developments in Jefferson Parish and maintains historic and economic significance to the region. Due to the local topography and grading patterns, Metairie Road floods frequently in several areas during moderate to heavy rainfall. These flooding events cause limited access to this important highway and disrupt traffic flow along the route. To address flooding on Metairie Road, Jefferson Parish authorized a hydraulic and hydrologic assessment for the roadway to improve drainage of this critical facility. Ms. Newell assisted in assessing existing drainage patterns using GIS and LIDAR data and reviewed hydraulic models developed in SWMM 5.1 by others. Ms. Newell also facilitated development of alternatives for drainage improvements including subsurface drainage, new pumping stations and raising the roadway and provided cost estimates for these alternatives. Conceptual plans for a green linear park were also drafted by Ms. Newell using SketchUp. The construction cost of recommended improvements, which includes raising portions of Metairie Road and improving subsurface drainage, is \$36M. Design phase services have begun on some of components of the proposed project.

Lake Trail Drive/Vintage Ave. Drainage Pumping Station *Kenner, Louisiana*

The Vintage Ave. Drainage Pump Station is a 100 cfs drainage pumping station in Kenner, Louisiana. The station is comprised of two mixed flow pumps on an elevated pile supported structure located within the Vintage Canal. A 48" concrete drain feeds the line from nearby residential areas. Ms. Newell assisted in design of this station including civil site plans, grading plans, pump station plans and details. Ms. Newell also assisted with pump selection and preparation of cost estimates. The project was successfully bid in 2016 for \$843K and was successfully constructed in 2017.

River Road Waterline Phase II – Rivet Blvd. to Willswood Lane *Jefferson Parish, Louisiana*

The River Road Waterline Phase II project includes construction of about 12,500 linear feet of new 12" PVC-900 waterline in Waggaman, Louisiana, along with associated (55) valves, fittings, (27) hydrants, meter adjustments, restoration of roadway, ditches, driveways and sidewalks. About 500 linear feet of HDPE waterline bore under roadways was also included. Ms. Newell assisted in layout of the work, development of plans, specifications, quantity takeoffs and cost estimates. The project was successfully completed in 2018.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Thomas Duenckel, P.E. Civil Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
2
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil and Environmental Engineering, 2012
Active registration: Year first registered/discipline:
1990, Civil, Louisiana License No. 23903
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Duenckel recently joined All South Consulting Engineers in June of 2022. He is an Accomplished and award-winning Senior Civil Design Engineer and Professional with over 30 years of Project Management, Execution and Consulting expertise in multi-million-dollar roadway, water, wastewater and stormwater projects. Mr. Duenckel offers an abundance of previous work experience which includes:</p> <p>Town of Sorrento Amanda St. Roadway and Drainage Improvements Sorrento, LA Mr. Duenckel was lead engineer on the project in charge of coordinating all project elements, including asphalt roadway overlays and concrete aprons for Amanda St. The existing roadway and drainage was in poor shape and was subject to repetitive issues due to the roadside drainage and culverts. Mr. Duenckel developed a survey scope for our in-house survey team for both roadway and drainage improvements. Mr. Duenckel analyzed the existing drainage system and proposed improvements to the roadside ditches and existing culverts.</p> <p>City of Gonzales Pedestrian Access Improvements, Gonzales, Louisiana Mr. Duenckel served as lead engineer for the project that involved installing multiple cross-walks around Gonzales Middle School for traffic and pedestrian safety. The project included installing new concrete sidewalks over an existing roadside drainage ditch, which involved infilling the ditch and installing significant subsurface drainage to receive and manage the flow through these infilled canals. Mr. Duenckel performed all drainage analysis and design, as well as coordinated with All South's in-house survey team to perform a full site survey.</p> <p>Donaldsonville Softball Field Improvements, Donaldsonville, Louisiana Mr. Duenckel was lead engineer in charge of coordinating all project elements, including brick backstop wall and backstop netting design, field layout and consideration of artificial turf, site drainage, and concrete sidewalk design. Mr. Duenckel coordinated surveyors, draftsmen and Engineer Interns to refine the scope and developing plans and specs. He oversaw the bidding process and coordinated with the low bidder to coordinate price reductions for the Owner.</p>

TEC Professional Services Questionnaire

PROFESSIONAL IN CHARGE OF PROJECT:
Name & Title:
Tatiana Pavlyukova Mobley, P.E. <i>Civil Engineer</i>
Project Assignment:
Civil Engineer, Construction Administration
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
2
Education: Degree(s)/Year/Specialization:
Bachelor of Science, 2014, Civil Engineering Bachelor of Science, 2011, Hydro-Meteorology Engineering
Active registration: Year first registered/discipline:
2022, Civil, Louisiana License No. 46468
Other experience and qualifications relevant to the proposed Project:
<p>Tatiana Pavlyukova is a graduate of University of New Orleans, achieving Master's degree in Civil Engineering, and Bachelor's Degree in Hydro-Meteorology Engineering. Ms. Pavlyukova joined the All South team in April of 2022 and brings substantial experience working on a variety of levee protection systems and drainage projects. Her experience includes performing engineering computations, material quantity takeoffs, estimates, survey interpretation, designs and performed construction supervision and management. Ms. Pavlyukova's relevant work experience includes:</p> <p>Mounes St. Drainage Improvements (Phase 1 - Dickory Ave. to Crochet Ditch) Jefferson Parish, Louisiana This project consisted of subsurface drainage improvements, installation 10' x 8' pre-cast reinforced concrete box culvert, concrete roadway pavement removal and replacement including curbs, striping, traffic signalization. Ms. Pavlyukova designed plans and specifications, as well as communicated with the sub consultants and Jefferson Parish. She performed construction management and final walk through.</p> <p>Mounes St. Drainage Improvements (Dealers Avenue to Edwards Avenue) Jefferson Parish, Louisiana This project consisted of subsurface drainage improvements, installation 10' x 8' pre-cast reinforced concrete box culvert, concrete roadway pavement removal and replacement including curbs, striping, traffic signalization. Ms. Pavlyukova designed plans and specs, communication with the subs and Jefferson Parish.</p> <p>Mounes St. Drainage Improvements (Elmwood Park Blvd. to Dealers Ave.) Jefferson Parish, Louisiana This project consisted of subsurface drainage improvements, installation 10' x 8' pre-cast reinforced concrete box culvert, concrete roadway pavement removal and replacement including curbs, striping, traffic signalization. Ms. Pavlyukova designed plans and specs, communication with the subs and Jefferson Parish. She performed construction management and final walk through.</p>

TEC Professional Services Questionnaire

PROFESSIONAL IN CHARGE OF PROJECT:
Name & Title:
Scott Wetzel, P.E. <i>Civil Engineer</i>
Project Assignment:
Project Engineer
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, 2019
Active registration: Year first registered/discipline:
2022, Civil Engineer, Louisiana License No. 48298
Other experience and qualifications relevant to the proposed Project:
<p>Scott Wetzel joined All South in July of 2019 after graduating from LSU in May of 2019. He recently received his license as a Professional Civil Engineer. During his time with All South, Mr. Wetzel has assisted different Engineers with a variety of projects performing various tasks. He has assisted in roadway and drainage projects providing help with design and construction administration for multiple Slidell FEMA projects. Mr. Wetzel has worked closely with contractors, inspectors, and residents to ensure all complaints and issues are addressed. His experience includes the following:</p> <p>DPW Capital Improvements Program – Lake Vista Infrastructure Repairs New Orleans, Louisiana This project consists of roadway, drainage, sewer, and water restoration throughout a neighborhood in New Orleans. Mr. Wetzel will be heavily involved in the design of these full reconstruction streets, providing analysis using the HydroWin program, cost estimating, and developing the plans and specifications. He will also be performing the Construction Administration after the project goes under construction.</p> <p>DPW Capital Improvements Program – Lakeview Infrastructure Repairs New Orleans, Louisiana This project consists of roadway, drainage, sewer, and water restoration throughout a neighborhood in New Orleans. Mr. Wetzel will be heavily involved in the design of these full reconstruction streets, providing analysis using the HydroWin program, cost estimating, and developing the plans and specifications. He will also be performing the Construction Administration after the project goes under construction.</p> <p>DPW Capital Improvements Program – Pines Village Infrastructure Repairs New Orleans, Louisiana</p>

TEC Professional Services Questionnaire

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

DPW Capital Improvements Program – Black Pearl-East Carrollton Infrastructure Repairs *New Orleans, Louisiana*

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

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

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

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

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

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

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

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

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

Schneider Canal Drainage Basin *Slidell, Louisiana*

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

W-14 Basin *Slidell, Louisiana*

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

TEC Professional Services Questionnaire

PROFESSIONAL IN CHARGE OF PROJECT:
Name & Title:
Jens J. Nielsen III, E.I. Engineering Graduate
Project Assignment:
Engineering Graduate, Construction Administration
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
2
Education: Degree(s)/Year/Specialization:
Bachelor of Science, Civil Engineering, 2021
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:
<p>Jens Nielsen joined All South in January of 2022 after graduating from LSU in December of 2021. He is currently working towards receiving his license as an Engineering Intern. During his time with All South, Mr. Nielsen has assisted different Engineers with a variety of projects performing various tasks. He has assisted in the design and construction administration for roadway and drainage projects. Mr. Nielsen has worked closely with contractors, inspectors, and residents to ensure all complaints and issues are addressed. His experience includes the following:</p> <p>DPW Capital Improvements Program – Black Pearl, East Carrolton Infrastructure Repairs New Orleans, Louisiana This project consists of roadway, drainage, sewer, and water restoration throughout a neighborhood in New Orleans. Mr. Nielsen has assisted in developing plan changes for this project. He has worked closely with Vincent Orlando (ASCE) and members of the City of New Orleans DPW.</p> <p>DPW Capital Improvements Program – Audubon Group A Infrastructure Repairs New Orleans, Louisiana This project consists of roadway, drainage, sewer, and water restoration throughout a neighborhood in New Orleans. Mr. Nielsen has assisted in developing field changes and plan changes for this project. He is the Construction Administrator on the job, and he's worked closely with members of the City of New Orleans DPW.</p> <p>DPW Capital Improvements Program – Viavant, Lake Catherine Infrastructure Repairs New Orleans, Louisiana This project consists of roadway, drainage, sewer, and water restoration throughout a neighborhood. Mr. Nielsen has assisted in developing plan changes for this project. He is the Construction Administrator on the job, and he's worked closely with members of the City of New Orleans DPW.</p>

TEC Professional Services Questionnaire

LaDOTD North Carnation Street Pavement Rehabilitation *Slidell, Louisiana*

This project consists of Roadway rehabilitation in Slidell and includes concrete and asphalt roadway work and other drainage improvements including the installation of multiple box culverts both next to and beneath the roadway. Mr. Nielsen's responsibilities include: Construction management, inspector management, project coordination, SiteManager inputs, utility coordination, contractor coordination, change orders, submittal reviews, update meetings.

LaDOTD Natchez Drive Rehabilitation *Slidell, Louisiana*

This project consists of Roadway rehabilitation and includes concrete and asphalt roadway work and includes drainage improvements along Natchez Dr. Mr. Nielsen's responsibilities include: Construction management, inspector management, project coordination, SiteManager inputs, utility coordination, contractor coordination, change orders, submittal reviews, update meetings.

LaDOTD Lindberg Drive @ US 190 (Gause Blvd) *Slidell, Louisiana*

This project consists of roadway rehabilitation in a heavily trafficked area. The project includes concrete and asphalt roadway work, the addition of a turning lane onto Gause Blvd. to alleviate traffic issues, and drainage improvements along Lindberg Drive. Mr. Nielsen's responsibilities include: Construction management, inspector management, project coordination, SiteManager inputs, utility coordination, contractor coordination, change orders, submittal reviews, update meetings.



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:
9
Education: Degree(s)/Year/Specialization:
International Correspondence School, Surveying and Mapping Course (2-year course completed)
Active registration: Year first registered/discipline:
1990/ Professional Land Surveyor/ Louisiana License No. 4635 1999/ Professional Land Surveyor/ Mississippi License No. 2782
Other experience and qualifications relevant to the proposed Project:
<p>John S. Teegarden, PLS joined All South Consulting Engineers, LLC in 2014 as Vice President and Survey Division Manager. Mr. Teegarden has extensive experience in all aspects of land surveying including boundary, elevation, topographic, hydrographic, industrial, and construction projects. Over his 38-year career, he has participated in or directed surveys for a wide variety of clientele including local municipal and governmental agencies, state agencies, and federal agencies (including the U.S. Army Corps of Engineers). In his career, he has served as a Field Party Chief, Field Supervisor, CAD Technician, Project Manager, and Division Manager.</p> <p>Mr. Teegarden's varied project experience includes high precision survey control, single and multibeam hydrographic surveys, large boundary surveys, surveys for public right-of-way taking, topographic route surveys, mapping of subsurface utilities based on the markings provided by a subsurface utility engineering firm, coastal restoration projects, laser scanning surveys and GPS project surveys, to name just a few. This experience includes over 20 years' experience in directing and performing hydrographic surveys. He has executed and/or supervised numerous hydrographic surveying projects throughout Coastal Louisiana.</p> <p>South Kenner Avenue Roadway Rehabilitation Westwego, Jefferson Parish, Louisiana Mr. Teegarden managed survey project by instructing field crews, reviewing field data, analysis of boundary data collected to set up existing rights-of-way and perform QA/QC review of work at the completion of the project.</p> <p>DPW Capital Improvements Program – Pines Village New Orleans, Louisiana</p>

TEC Professional Services Questionnaire

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

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

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

Breakwater Drive Improvements *New Orleans, Louisiana*

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

RR017 and RR019 New Orleans Streets Topographic Surveys *New Orleans, Louisiana*

Mr. Teegarden gave direction and instructions for the field crews to perform topographic surveys for full reconstruction street projects located in the Dixon area in the city of New Orleans. These surveys were prepared in accordance with the DPW 2015 Road Design Manual.

RR016 New Orleans Streets Topographic Surveys *New Orleans, Louisiana*

Mr. Teegarden gave direction and instructions for the field crews to perform topographic surveys for full reconstruction street projects located in the BW Cooper area in the city of New Orleans. These surveys were prepared in accordance with the DPW 2015 Road Design Manual.

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.

Reynes Street Topographic Survey, *New Orleans, Louisiana*

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

Bayou Country Sports Park *Houma, Louisiana*

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

Aviation Road *Houma Terrebonne Airport Commission, Terrebonne Parish, Louisiana*

Mr. Teegarden provided topographic survey services for the Aviation Road Improvements project. The Houma Terrebonne Airport needed to rehabilitate Aviation Road, a key roadway at the airport. Mr. Teegarden was part of the field crew and processed the data for the project, which included 3000' of roadway with an additional 4" of asphalt.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Taylor Casteigne, PLS Professional Land Surveyor, Survey Supervisor
Project Assignment:
Professional Land Surveyor
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 / 2019 / Geomatics
Active registration: Year first registered/discipline:
2022/ Professional Land Surveyor / Louisiana License No. 5291
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Casteigne graduated from Nicholls State University with a B.S. in Geomatics and has served as surveyor, party chief and draftsman on a variety of surveys. He is well versed in the latest surveying equipment technology to ensure fast and accurate surveys. Mr. Casteigne performs/oversees necessary field work for the survey, manages field crews, and coordinates data processing. He tracks project budgets daily, ensuring that the surveys are completed on time and under budget.</p> <p>Ascension Parish School Board Airline Highway Property Topographic Survey Mr. Casteigne performed full topographic and boundary services including data collection, data processing, data management, research, CAD, and project budget oversight. This included managing field crews during the data collection process ensuring that everything within the project scope was captured during the fieldwork. Oversight over the drafting process was another key responsibility for this project. This survey was used in the design of a new building for the site, and to establish the western boundary to aid in tree clearing.</p> <p>Gentilly Terrace South Group K New Orleans, Louisiana Mr. Casteigne performed full topographic survey services for the purpose for the design and construction of street improvements including all subsurface utilities in accordance with department standards.</p> <p>Lakeview Terrace South Group B New Orleans, Louisiana Mr. Casteigne performed full topographic survey and CAD services, including all subsurface utilities in accordance with department standards for the design and construction of street improvements.</p>

TEC Professional Services Questionnaire

Pontchartrain Park Groups B, C, and D *New Orleans, Louisiana*

Mr. Casteigne performed full topographic surveying including all subsurface utilities in accordance with department standards of over 15,000 LF of roadway as part of the City's FEMA funded Capital Improvement Program.

Privateer Boulevard *Lafitte, 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 drainage improvements along the northern 8,800ft of Privateer Boulevard.

Henderson Bayou Road *Prairieville, Louisiana*

Mr. Casteigne performed full topographic surveying including all subsurface utilities in accordance with department standards for the design and reconstruction of the roadway.

C Braud Road *Prairieville, Louisiana*

Mr. Casteigne performed full topographic surveying including all subsurface utilities in accordance with department standards for the design and reconstruction of the roadway.

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 and preparing a boundary map.

Ascension Parish School Board *Gonzales, Louisiana*

Mr. Casteigne managed the completion of a full topographic survey of the East Ascension High School campus, including all subsurface utilities in accordance with department standards for the design and construction of improvements to be made to the campus.

Westside-Alma Drainage Project *Terrebonne Parish, Louisiana*

Mr. Casteigne performed full topographic services including data collection, data processing, data management, CAD, and project budget oversight. He performed necessary field work for the survey, then processing the data into a field book file. This includes a site visit prior to beginning the project to develop a cost estimate and developing a packet for field crews detailing what data will be required to complete the survey. This survey was for the purpose of improving the drainage along Westside Blvd from Main St. to Alma Street.

Old Arabi Drainage Improvements *St. Bernard Parish, Louisiana*

Mr. Casteigne performed full topographic services including data collection, data processing, data management, research, CAD, and project budget oversight. This included managing field crews during the data collection process ensuring that everything within the project scope was captured during the fieldwork. Oversight over the drafting process was another key responsibility for this project. This survey was intended to assist with the design of new drainage for a portion of Old Arabi.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Scott Breidenstein CADD Technician
Project Assignment:
CADD Technician / Draftsman
Name of Firm with which associated:
All South Consulting Engineers, LLC
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
Technical Diploma, 2020, L. E. Fletcher Technical Community College
Active registration: Year first registered/discipline:
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Breidenstein joined the All South team in 2019. 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. Breidenstein 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.</p> <p>Fire Station No. 12 <i>Jefferson, Louisiana</i> Mr. Breidenstein 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. Breidenstein coordinated with the project engineer and sub-contractors to conform and finalize the plans.</p> <p>Lock 1 Boat Launch Restoration, <i>Pearl River, Louisiana</i> Mr. Breidenstein prepared the demolition and design plans for the restoration of the two boat launches located at Pearl River Lock 1 location. The plans including grading and cross sections for the new gravel parking areas and the two boat launches. Structural plans will be provided in the next design phase of this project. Mr. Breidenstein is currently coordinating with the project engineer to complete these design plans.</p> <p>Russell St Pump Station <i>River Ridge, Louisiana</i> Mr. Breidenstein 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-</p>

TEC Professional Services Questionnaire

way was very important in this project.

Alidore Drainage Improvements *Raceland, Louisiana*

Mr. Breidenstein prepared topographic and right-of-way drawings for the construction of a new drainage pumping station. The project involved a levee re-alignment, ditch re-grading and research into the BNSF railroad right-of-way. Site plans provided by Mr. Breidenstein were used to design better drainage for the surrounding area and proved to be more economical.

Westside-Alma Drainage Project (Alma-West Park) *Houma, Louisiana*

This project consists of roadside drainage improvements in an area of the city of Houma, LA. Mr. Breidenstein assisted in the topographic survey and prepared the proposed design plans for the improvements to the existing drainage system. Mr. Breidenstein modeled in detail the hydrologic components of the project area using CAD and provided profiles and cross sections that were utilized in the design process.

Old Arabi Drainage *St. Bernard, Louisiana*

Mr. Breidenstein prepared proposed design drawings for the clearing and dredging of existing canals and the construction of drainage structures. The project involved replacing culverts, ditch re-grading, and dredge operations. Site plans provided by Mr. Breidenstein were used to design improved drainage for the surrounding area.

Canal A Drainage Improvements, *New Sarpy/St. Charles Parish, Louisiana*

Mr. Breidenstein prepared the design plans for the Canal A drainage improvement project. The project was approximately ±1800 LF, it consisted of replacing an existing arch culvert with two cast in place box culverts, roadway reconstruction and multiple cantilevered sheet pile wall systems. Mr. Breidenstein created a C3D model showing the proposed canal depth for volume calculations. Three separate concrete flume walls were drawn and detailed as well. Mr. Breidenstein assisted the project engineer in completing the proposed plan set and reconstructed roadway design.

Sorrento Sewer Design *Sorrento, Louisiana*

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

Lake Vista *New Orleans, Louisiana*

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

Breakwater Drive Improvements *New Orleans, Louisiana*

Mr. Breidenstein prepared survey maps along Breakwater Drive, from its intersection with N. Roadway Street to its termination at the point. Baseline maps, plan, profile and cross sections were provided to show the existing berms and existing topography of the site. FEMA and CORP permit drawings were also provided in this project. Shown in the plans were horizontal and vertical location of existing berms and proposed berms. Mr. Breidenstein assisted the project engineer in creation of the new west, north, south and the point berms. Proposed berm plan and profile sheets with cross sections showing proposed work were also created by Mr. Breidenstein.

RR016 New Orleans Streets Topographic Surveys *New Orleans, Louisiana*

Mr. Breidenstein prepared survey baseline drawings, topographic plan sheets and profiles depicting the existing underground utilities for the streets in this project submittal. 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. This project also conformed to Orleans Parish DPW standards.


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>West Bank Road Project Management <i>Gretna, Louisiana</i></p> <p>Jefferson Parish Government Neil Schneider, Capital Projects 1221 Elmwood Park Blvd. Jefferson, Louisiana 70123 (504) 736-6500</p>	<div style="display: flex;"> <div style="flex: 1;"> <p>All South Consulting Engineers, LLC was selected to support AECOM as a sub-consultant for the referenced project. This project involves the management of 35 projects simultaneously, 19 of which the All South project manager is responsible for.</p> <p>Program management responsibilities as a sub-consultant include technical review of contract documents; coordination between the design firm, Jefferson Parish, and any other agencies (e.g., LA DOTD) involved with roadway work; and general administrative duties such as recording meeting minutes, submitting permit applications, and bid document processing.</p> <p>Roadway rehabilitation projects that All South is managing typically pertain to cold planning asphalt and overlaying the roadway with new asphalt or removing badly damaged concrete sections with new concrete. Many of the roadway projects also include incorporating bicycle lanes and/or rehabilitating sidewalks for pedestrians. Drainage improvements/alterations are also a significant task to many of the projects on the West Bank roadway improvements, especially when the roadway geometry changes and requires drainage changes to prevent ponding on the roadways. During the construction phase, All South assists in Construction Administration duties for the projects that were managed by the company.</p> <p>Additionally, All South has embedded administrative personnel to provide assistance to the prime Project Manager with various administrative tasks including submitting information through Jefferson Parish's web-based portal, scheduling meetings, and any additional administrative tasks necessary.</p> </div> <div style="flex: 0.5; background-color: #003366; color: white; padding: 10px; border: 1px solid #003366;"> <p style="text-align: center; margin: 0;">PROJECT HIGHLIGHTS</p> <ul style="list-style-type: none"> Sub Consultant Project Mgmt/Const Admin Project Mgmt of 19 ongoing Roadway, Drainage, and Bike Path Projects Agency Coordination: JP Capital Projects/DPW, SLFPA-E, LaDOTD, UPRR, FHWA, Entergy, ATMOS </div> </div>	
<p>Completion Date (Actual or estimated):</p>	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing (08/2024 est.)	\$50,000,000	\$1,677,500

TEC Professional Services Questionnaire

PROJECT NO. 2							
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:						
<p>South Kenner Avenue Rehabilitation (Between Live Oak Blvd. and Chenevert road) <i>Jefferson Parish, Louisiana</i></p> <p>Jefferson Parish Government Mark Drewes, P.E., Director of Engineering 1221 Elmwood Park Blvd. Jefferson, Louisiana 70123 (504) 736-6500</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>All South Consulting Engineers, LLC is responsible for the rehabilitation of an existing asphalt partial rural and developed roadway with existing side drainage, to a wider improved roadway with sidewalks and subsurface drainage are extensive. This includes developing typical sections, plan sheets with improved roadway and profile drawings, cross sections, quantities, details, cost estimate, and specifications necessary for bid/construction. Construction and design must be completed within the existing parish right of way per Jefferson Parish criteria and in coordination with associated utility agencies.</p> <ul style="list-style-type: none"> Existing roadway +/-20' wide, mill 1 ½" and overlay 3" Widen roadway to 26' wide New roadway section in widened areas consists of 12" granular sub-base, 9" Class II base course and 8" asphalt pavement Install subsurface drainage per the details provided by Dept. of Engineering with roadside swales and inlets along roadway </div> <div style="width: 35%; background-color: #003366; color: white; padding: 10px; border: 1px solid #003366;"> <p style="text-align: center; margin: 0;">PROJECT HIGHLIGHTS</p> <ul style="list-style-type: none"> Prime Consultant Civil Design/Survey/Const Admin/Insp Roadway and Subsurface Drainage Repairs Asphalt Repairs – 4,100 LF Agency Coordination: JP Capital Projects/DPW, Entergy, ATMOS, ATT </div> </div>						
	<div style="text-align: center; font-size: 2em; opacity: 0.3; font-family: sans-serif;"> Jefferson Parish State of Louisiana </div>						
	<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="text-align: center; padding: 5px;">Ongoing (On hold by Parish)</td> <td style="text-align: center; padding: 5px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">\$4,875,000</div> <div style="width: 45%;">\$415,093</div> </div> </td> </tr> </tbody> </table>		Estimated Cost:		Entire Project:	Work for which Firm was Responsible:	Ongoing (On hold by Parish)
Estimated Cost:							
Entire Project:	Work for which Firm was Responsible:						
Ongoing (On hold by Parish)	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">\$4,875,000</div> <div style="width: 45%;">\$415,093</div> </div>						

TEC Professional Services Questionnaire

PROJECT NO. 3						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Lake Trail Drive Drainage Improvements <i>Jefferson Parish, Louisiana</i></p> <p>Jefferson Parish Government Neil Schneider, Capital Projects 1221 Elmwood Park Blvd. Jefferson, Louisiana 70123 (504) 736-6500</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>This project includes the design of upgrades to subsurface drainage along Lake Trail Drive between West Esplanade Avenue and Bruin Drive. This includes the removal and replacement of the Portland Cement Concrete roadway panels and the relocation of public utilities to residence. It is located in a dense residential neighborhood with many challenges associated with public and private utilities, limited elevations and working close to private residences. The established neighborhood was developed in the 1970s and has aging infrastructure along with inadequate drainage features. This project will help alleviate the drainage issues and repair some of the infrastructure.</p> <p>Challenges with the new roadway design and lack of elevation created difficulty in the tying in of the existing driveway aprons and cross streets. Being such a dense neighborhood there are many pedestrian features that require ADA compatibilities that need to be addressed in the new roadway design and constructability features. As with any rehabilitation project, the improvement of existing aged infrastructure has to be considered during the design process and the replacement needs to meet the new codes and standards.</p> <p>Originally this project was proposed to utilize the existing Jefferson Parish Drainage Maintenance Contract and plans were initially developed with this intent. Recently it was decided to develop a complete set of bid documents that included over 3,000 linear feet of concrete pipe ranging from 12" to 48" arch pipe, the relocation of utilities, the removal and repaving of concrete streets, curb and driveway aprons along with detailed specifications and detour phasing plans. All South also prepared all necessary applications for permits as well as coordinating notices with private utility companies regarding the adjustment, relocation and/or removal of existing utility lines and structures within the project in conflict with the proposed improvements.</p> </div> <div style="width: 35%; background-color: #003366; color: white; padding: 10px; border-radius: 5px;"> <p style="text-align: center; margin: 0;">PROJECT HIGHLIGHTS</p> <ul style="list-style-type: none"> Prime Consultant Civil Design/Survey/Const Admin/Insp Roadway and Subsurface Drainage Repairs Concrete Repairs - 2,630 LF Drainage Repairs – 3,000 LF Agency Coordination: JP Capital Projects/DPW, Entergy, ATMOS, ATT </div> </div>					
						
<p>Completion Date (Actual or estimated):</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Entire Project:</th> <th style="width: 50%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="text-align: center; padding: 10px;">Ongoing (On hold by Parish)</td> <td style="text-align: center; padding: 10px;"> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">\$3,422,404 (est.)</div> <div style="text-align: center;">\$293,386</div> </div> </td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	Ongoing (On hold by Parish)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">\$3,422,404 (est.)</div> <div style="text-align: center;">\$293,386</div> </div>
Entire Project:	Work for which Firm was Responsible:					
Ongoing (On hold by Parish)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">\$3,422,404 (est.)</div> <div style="text-align: center;">\$293,386</div> </div>					

TEC Professional Services Questionnaire

PROJECT NO. 4								
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:							
<p>DPW Capital Improvements Program – Pines Village Phase 2 <i>New Orleans, Louisiana</i></p> <p>City of New Orleans Ahmed Hamed, Project Manager 1300 Perdido Street New Orleans, LA 70112 (504) 658-8684</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The City of New Orleans has hired All South Consulting Engineers, LLC to provide professional engineering services as part of the FEMA funded Capital Improvements Program for the Pines Village neighborhood. This scope of services involves surveying, design, and providing construction administration for the FEMA eligible roadway improvements inside the project area. In addition, All South is providing a Project Scope Report detailing the constructability for the proposed improvements. The FEMA-eligible PW items were provided by the city and have already qualified for FEMA reimbursement. Additional improvements are being suggested by All South in order to facilitate the construction of the FEMA PW items, and detail similar damages which may qualify for FEMA reimbursement. The required repairs in this project were determined to have been caused by Hurricane Katrina tidal surge or by recovery efforts following the storm.</p> <p>Infrastructure improvements in this project include repairs to sewer, potable water, and pavement. Pavement repairs include concrete sidewalks & driveways, curbs, ADA ramps, and roadway pavement (asphalt, concrete, and composite). Potable water repairs include water main replacement, point repairs, and house connections. Sewer repairs include sewer main replacement, point repairs, CIPP, and manhole rehabilitations. Field walkthroughs during construction were held to determine additional required repairs based on current site conditions.</p> <p>To ensure the accuracy of project quantity totals and costs throughout the life of these projects, All South provides the City with recorded quantities and observations via customized daily work reports. These reports are used by All South and DPW to guarantee accuracy of project quantities used in Contractor invoicing to anticipate quantity overruns/underruns and keep projects on schedule. All South has extensive familiarity with construction projects throughout the region in reviewing reports and verifying Contractor monthly invoices with various platforms and software. All South uses this experience to optimize the product for DPW New Orleans. All South also submits innovative, customized daily photo work reports which include inspection photos with relevant descriptions of the work being performed. This is included separately with each daily work report done by the inspector.</p> </div> <div style="width: 35%; background-color: #003366; color: white; padding: 10px; border: 1px solid white;"> <p style="text-align: center; margin: 0;">PROJECT HIGHLIGHTS</p> <ul style="list-style-type: none"> Prime Consultant Civil Design/Survey/Const Admin/Insp Concrete Repairs - 16,970 SY Asphalt Repairs - 1,134 SY ADA Ramp Repairs - 111 SY Drainage Repairs - 5,895 LF Sewer Repairs - 500 LF Water Repairs - 7,742 LF Agency Coordination: FEMA, SWBNO, SLFPA-E, LaDOTD, FHWA, Entergy </div> </div>							
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	Estimated Cost:							
Entire Project:	Work for which Firm was Responsible:							
06/2023	\$14,736,429.23							
06/2023	\$14,736,429.23	\$1,880,282.82						


TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>DPW Capital Improvements Program – Audubon, Black Pearl, East Carrollton, Uptown, West Riverside <i>New Orleans, Louisiana</i></p> <p>City of New Orleans Megan Williams, P.E., Project Manager 1300 Perdido Street New Orleans, LA 70112 (504) 658-8684</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>All South Consulting Engineers is currently providing professional engineering services as part of the recovery roads program for several neighborhoods in Uptown New Orleans. This work is part of the FEMA funded Capital Improvements Program, a program that is available to areas that were inundated in a disaster.</p> <p>The scope of services included assessing the damage to roadways, curbs, sidewalks, driveways, ADA ramps, and comparing that damage to the assessment in the FEMA project worksheets. The project scope also included adding in additional pavement repairs caused by demolition of properties as well as repairs for purposes of constructability. As part of this assessment, All South individually inspected each of the streets in these neighborhoods.</p> <p>Following the completion of the Project Scoping Report, All South negotiated on behalf of the City with FEMA to resolve discrepancies between the project worksheets and the Scoping Report. Once final design is completed, All South will produce construction documents, manage the advertisement and bidding of the project, and will provide contract administration and resident inspection for the FEMA-eligible roadway improvements inside the project area.</p> <p>To ensure the accuracy of project quantity totals and costs throughout the life of these projects, All South provides the City with recorded quantities and observations via customized daily work reports. These reports are used by All South and DPW to guarantee accuracy of project quantities used in Contractor invoicing to anticipate quantity overruns/underruns and keep projects on schedule. All South has extensive familiarity with construction projects throughout the region in reviewing reports and verifying Contractor monthly invoices with various platforms and software. All South uses this experience to optimize the product for DPW New Orleans. All South also submits innovative, customized daily photo work reports which include inspection photos with relevant descriptions of the work being performed. This is included separately with each daily work report done by the inspector.</p> </div> <div style="width: 35%; background-color: #003366; color: white; padding: 10px; border: 1px solid white;"> <p style="text-align: center; margin: 0;">PROJECT HIGHLIGHTS</p> <ul style="list-style-type: none"> Prime Consultant Civil Design/Survey/Const Admin/Insp Concrete Repairs - 25,436 SY Asphalt Repairs - 252,509 SY ADA Ramp Repairs - 9,060 SY Drainage Repairs - 24,284 LF Sewer Repairs - 24,200 LF Water Repairs - 17,834 LF Agency Coordination: FEMA, SWBNO, SLFPA-E, LaDOTD, FHWA, Entergy </div> </div>	
 		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing (04/2024 est.)	\$33,569,964.60 (est.)	\$3,456,072.05

TEC Professional Services Questionnaire

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>DPW Capital Improvements Program – Viavant, Lake Catherine, Venetian Isles <i>New Orleans, Louisiana</i></p> <p>City of New Orleans Marlon Carrio, P.E., Project Manager 1300 Perdido Street New Orleans, LA 70112 (504) 658-8684</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The City of New Orleans implemented a multi-million-dollar, multi-year comprehensive infrastructure improvement program, the FEMA funded Capital Improvements Program, to repair Hurricane Katrina related sub-surface and road damages. All South Consulting Engineers, LLC provided professional engineering services as part of the Viavant, Lake Catherine, Venetian Isles Recovery Roads Program.</p> <p>All South provided surveying, engineering design, construction administration and resident inspection for the FEMA eligible roadway improvements inside the project area. In addition, All South Consulting Engineers is providing this Project Scope Report detailing the constructability for the proposed improvements. The FEMA-eligible PW items were provided by the city and have already qualified for FEMA reimbursement.</p> <p>Infrastructure improvements in this project include repairs to sewer, potable water, and pavement. Pavement repairs include concrete sidewalks & driveways, curbs, ADA ramps, and roadway pavement (asphalt, concrete, and composite). Potable water repairs include water main replacement, point repairs, and house connections. Sewer repairs include sewer main replacement, point repairs, CIPP, and manhole rehabilitations. Field walkthroughs during construction were held to determine additional required repairs based on current site conditions.</p> <p>To ensure the accuracy of project quantity totals and costs throughout the life of these projects, All South provides the City with recorded quantities and observations via customized daily work reports. These reports are used by All South and DPW to guarantee accuracy of project quantities used in Contractor invoicing to anticipate quantity overruns/underruns and keep projects on schedule. All South has extensive familiarity with construction projects throughout the region in reviewing reports and verifying Contractor monthly invoices with various platforms and software. All South uses this experience to optimize the product for DPW New Orleans. All South also submits innovative, customized daily photo work reports which include inspection photos with relevant descriptions of the work being performed. This is included separately with each daily work report done by the inspector.</p> </div> <div style="width: 35%; background-color: #003366; color: white; padding: 10px; border: 1px solid white;"> <p style="text-align: center; margin: 0;">PROJECT HIGHLIGHTS</p> <ul style="list-style-type: none"> Prime Consultant Civil Design/Survey/Const Admin/Insp Concrete Repairs - 8,331 SY Asphalt Repairs - 14,992 SY ADA Ramp Repairs - 171 SY Drainage Repairs - 500 LF Water Repairs - 17,834 LF Agency Coordination: FEMA, SWBNO, SLFPA-E, LaDOTD, FHWA, Entergy </div> </div>	
		
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	\$6,781,563.30 (est.)	\$1,040,573.35

TEC Professional Services Questionnaire

PROJECT NO. 7						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Lake Vista Group D Roadway and Drainage Improvements <i>New Orleans, Louisiana</i></p> <p>City of New Orleans Marlon Carrio, P.E., Project Manager 1300 Perdido Street New Orleans, LA 70112 (504) 508-0217</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>All All South was designated by the City of New Orleans to perform survey, engineering design, bid and award requirements, construction administration, construction close out, and inspection services for FEMA-eligible full reconstruction streets located in the New Orleans subdivision of Lake Vista. All South has worked closely with representatives from the Department of Public Works as well as the Sewerage and Water Board to meet their design requirements, estimate project costs, and ensure that their concepts and directives were addressed. The scope includes:</p> <ul style="list-style-type: none"> Removal and replacement of pavement (roadways, sidewalks, driveways, etc.) Drainage improvements including the installation of new drain lines, catch basins, and manholes as well as the maintenance of existing structures Water line improvements including flow filling existing lines and installing new pressurized PVC lines ranging from 2" to 8" in diameter, and installing new house connections, fire hydrants, and valves Sewer improvements including CIPP lining All South will consider and coordinate a future mitigation project that is planned to divert storm water from the Lake Vista neighborhood to retention ponds in City Park. <p>The Lake Vista project area is located in New Orleans, LA near the intersection of Marconi Dr. and Robert E. Lee Blvd. It includes six streets and one sidewalk lane – Finch St., Ani St., Crane St., Egret St., Flamingo St., Ibis St., and Larkspur Ln. Severely damaged pavement, significant flooding, and insufficient sewer and water lines plague the above referenced streets. All South performed the following tasks during design: hydraulic analysis for each designated street in the project area to determine how a 10-year storm would affect the existing drainage situation, provided new drainage design improvements using the LaDOTD hydraulic modeling program to size and space catch basins and drain pipes and to set drainage pipe inverts reducing flooding in the project area, computations to determine new roadway elevations and slope, developed a construction cost estimate</p> </div> <div style="width: 35%; background-color: #002060; color: white; padding: 10px; border: 1px solid white;"> <p style="text-align: center; margin: 0;">PROJECT HIGHLIGHTS</p> <ul style="list-style-type: none"> Prime Consultant Civil Design/Survey/Const Admin/Insp Concrete Repairs - 5,388 SY Asphalt Repairs - 29,680 SY ADA Ramp Repairs - 1,085 SY Drainage Repairs - 5,928 LF Sewer Repairs - 2,769 LF Water Repairs - 4,250 LF Agency Coordination: DPW, SWBNO, SLFPA-E </div> </div>					
						
<p>Completion Date (Actual or estimated):</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Entire Project:</th> <th style="width: 50%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="text-align: center; padding: 5px;">\$8,894,555.70 (est.)</td> <td style="text-align: center; padding: 5px;">\$555,191.00</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	\$8,894,555.70 (est.)	\$555,191.00
Entire Project:	Work for which Firm was Responsible:					
\$8,894,555.70 (est.)	\$555,191.00					
<p>Ongoing (2024 est.)</p>						

TEC Professional Services Questionnaire

PROJECT NO. 8						
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:					
<p>Lakeview South Group B Roadway and Drainage Improvements <i>New Orleans, Louisiana</i></p> <p>City of New Orleans Mike Chorazak Project Manager 1300 Perdido Street New Orleans, LA 70112 (504) 508-0217</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>All South was designated by the City of New Orleans to perform survey, engineering design, bid and award requirements, construction administration, construction close out, and inspection services for FEMA-Eligible full reconstruction and patch mill and overlay streets located in the New Orleans subdivision of Lakeview. The scope of construction work will include removal and replacement of pavement (roadways, sidewalks, driveways, etc.), cold mill and overlay of asphalt streets, drainage improvements, water line replacement, and sewer improvements.</p> <p>The Lakeview project area is located in New Orleans, LA and is bordered by West End Blvd, Harrison Ave, Orleans Ave, and Kenilworth St. It includes twenty (20) blocks with each block containing a variety of pavement, drainage, waterline, and sewer line work. The streets involved are French Street, Catina Street, Kenilworth Street, Vicksburg Street, Memphis Street, General Diaz Street, General Haig Street, Marshall Foch Street, and Orleans Avenue. Severely damaged pavement, significant flooding, and insufficient sewer and water lines plague the above referenced streets.</p> <p>All South will perform the following tasks during design: hydraulic analysis for each designated street in the project area to determine how a 10-year storm would affect the existing drainage situation, provide new drainage design improvements to reduce flooding in the project area, develop existing and proposed drainage maps for designated blocks, computations to determine new roadway elevations and slope, develop a construction cost estimate, develop plans and specs, develop geometric layouts of all streets, develop a design report. All South is required to provide the following deliverables: Design Report, Plans and Specifications, computations to support design, bid proposal package, and cost estimate.</p> </div> <div style="width: 35%; background-color: #002060; color: white; padding: 10px; border: 1px solid white;"> <p style="text-align: center; margin: 0;">PROJECT HIGHLIGHTS</p> <ul style="list-style-type: none"> Prime Consultant Civil Design/Survey/Const Admin/Insp Concrete Repairs - 16,970.00 SY Asphalt Repairs - 1,134.00 SY ADA Ramp Repairs - 111.00 SY Drainage Repairs - 5,895.00 LF Sewer Repairs - 500.00 LF Water Repairs - 7,742.00 LF Agency Coordination: DPW, SWBNO, SLFPA-E </div> </div>					
						
<p>Completion Date (Actual or estimated):</p>	<p style="text-align: center;">Estimated Cost:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Entire Project:</th> <th style="width: 50%; padding: 5px;">Work for which Firm was Responsible:</th> </tr> <tr> <td style="text-align: center; padding: 5px;">\$14,193,932 (est.)</td> <td style="text-align: center; padding: 5px;">\$658,002</td> </tr> </table>		Entire Project:	Work for which Firm was Responsible:	\$14,193,932 (est.)	\$658,002
Entire Project:	Work for which Firm was Responsible:					
\$14,193,932 (est.)	\$658,002					
<p>Ongoing (2024 est.)</p>						

TEC Professional Services Questionnaire

PROJECT NO. 9										
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:									
<p>Schneider Canal Infrastructure Repairs <i>Slidell, Louisiana</i></p> <p style="text-align: center;">City of Slidell Blaine Clancy, P.E., City Engineer 2045 Second Street Slidell, LA 70458 (985) 646-4330</p> <div style="display: flex; justify-content: space-around;">   </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>As a result of Hurricane Katrina, City of Slidell was inundated with several feet of water causing damage to all public and private facilities and damaging roadway bases and utilities. The City of Slidell hired All South to evaluate the condition of the roadways and utilities.</p> <p>Through our vast experience, All South understands the justification required to ensure eligibility. Once the scope of work was identified, our firm worked with the City, the State (GOHSEP) and the federal government (FEMA) to develop the project worksheets to justify the funds. Once the Project Worksheets were written, All South prepared construction documents for public bid. All along this process, we continually worked with FEMA and GOHSEP to ensure all damage elements were captured and included in the repairs. Our team completed a construction project in the Schneider Canal Drainage Basin (Schneider I) and just completed construction on another phase of these repairs (Schneider II).</p> <p>All South performed the construction management and inspection duties for the Schneider I Construction Project. To ensure the construction is completed as directed in the plans and specifications and within the allotted time and within budget, our team conducted monthly onsite progress meetings with the owner and contractor, along with periodic site inspections. To ensure all repairs were completed and recorded properly, All South diligently reviewed all inspection reports, logs all completed repairs and maintains as-built construction plans. During all phases of this project, All South worked with the City of Slidell on filling out the appropriate payment applications and ensure that all possible federal funds are captured.</p> </div> <div style="width: 35%; background-color: #003366; color: white; padding: 10px; border: 1px solid white;"> <p style="text-align: center; margin: 0;">PROJECT HIGHLIGHTS</p> <ul style="list-style-type: none"> Prime Consultant Civil Design/Survey/Const Admin/Insp Drainage Repairs - 10,464 LF Sewer Repairs - 42,259 LF Concrete Repair - 65,569 SY Asphalt Repairs - 37,902 SY Agency Coordination: USACE, LADNR, DPW, SWBNO, FEMA, GOHSEP, USCG, MYHMC </div> </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="text-align: center; padding: 5px;">06/2021</td> <td style="text-align: center; padding: 5px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;">\$16,089,929.23</td> <td style="width: 50%; text-align: center; padding: 5px;">\$1,565,789.58</td> </tr> </table> </td> </tr> </tbody> </table>		Estimated Cost:		Entire Project:	Work for which Firm was Responsible:	06/2021	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;">\$16,089,929.23</td> <td style="width: 50%; text-align: center; padding: 5px;">\$1,565,789.58</td> </tr> </table>	\$16,089,929.23	\$1,565,789.58
Estimated Cost:										
Entire Project:	Work for which Firm was Responsible:									
06/2021	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 5px;">\$16,089,929.23</td> <td style="width: 50%; text-align: center; padding: 5px;">\$1,565,789.58</td> </tr> </table>	\$16,089,929.23	\$1,565,789.58							
\$16,089,929.23	\$1,565,789.58									

TEC Professional Services Questionnaire

PROJECT NO. 10								
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:							
<p style="text-align: center;">W-14 Infrastructure Repairs <i>Slidell, Louisiana</i></p> <p style="text-align: center;">City of Slidell Blaine Clancy, P.E., City Engineer 2045 Second Street Slidell, LA 70458 (985) 646-4270</p> <div style="display: flex; justify-content: space-around;">   </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>As a result of Hurricane Katrina, City of Slidell was inundated with several feet of water causing damage to all public and private facilities and damaging roadway bases and utilities. All South was hired to evaluate the condition of the utilities and roadways.</p> <p>All South has worked on the W-14 Infrastructure Repairs project since after Hurricane Katrina; from assisting with identifying eligible repairs to securing funding through FEMA. Using our vast experience, our firm understands the justification required to ensure eligibility for repairs to receive FEMA funding. Once the scope of work was identified, All South worked with the City, the State and the federal government to develop the project worksheets to justify the funds.</p> <p>Once the Project Worksheets were written, All South began preparing construction documents for public bid. Our team has completed the design for the W-14 Drainage Basin and is responsible for all roadways and utilities in this area. Infrastructure repairs for the project include sewer/drainage open cut, asphalt/concrete repairs, sewer/drainage Cured In Place Pipe (CIPP) repairs and CIPP Box Culvert repairs. The box culvert repairs are over 2,100 LF and include CIPP lining boxes that are near the end of their design life. CIPP repairs were selected for the repair type due to close proximity to residential housing and utilities.</p> <p>During construction, All South is performing construction management and inspection duties for the W-14 Construction Project. To ensure the construction is completed as directed in the plans and specifications and within the allotted time, monthly onsite progress meetings are being conducted with the owner and contractor, along with periodic site inspections by the Project Engineer. To ensure all repairs are being completed and recorded properly and within budget, All South is diligently reviewing all inspection reports, log all completed repairs and maintain as-built construction plans. During all phases of this project, All South is working with the City of Slidell on filling out the appropriate payment applications and ensure that all possible federal funds are captured.</p> </div> <div style="width: 35%; background-color: #003366; color: white; padding: 10px; border: 1px solid #003366;"> <p style="text-align: center; margin: 0;">PROJECT HIGHLIGHTS</p> <ul style="list-style-type: none"> Prime Consultant Civil Design/Survey/Const Admin/Insp Drainage Repairs - 2,151 LF Sewer Repairs - 21,404 LF Concrete Repairs - 40,500 SY Asphalt Repairs - 12,300 SY Agency Coordination: FEMA, FHWA, DOTD, USACE, SLFPA-E </div> </div>							
Completion Date (Actual or estimated):	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center; 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="text-align: center; padding: 10px;">12/2021</td> <td style="text-align: center; padding: 10px;"> <div> <div>\$18,726,677.66</div> <div>\$1,165,018.66</div> </div> </td> </tr> </tbody> </table>		Estimated Cost:		Entire Project:	Work for which Firm was Responsible:	12/2021	<div> <div>\$18,726,677.66</div> <div>\$1,165,018.66</div> </div>
Estimated Cost:								
Entire Project:	Work for which Firm was Responsible:							
12/2021	<div> <div>\$18,726,677.66</div> <div>\$1,165,018.66</div> </div>							

TEC Professional Services Questionnaire

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

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. IMC Construction	Jefferson Parish	Jefferson Parish filed 3 rd party demand to All South Consulting Engineers, LLC. Status is pending
2.		
3.		
4.		

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



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

» PROFESSIONAL TRAINING AND EXPERIENCE «

All South has substantial experience in the Civil Engineering, Project Management, Land Surveying, and Resident Inspection services pertinent to the scope of work outlined in the request for this proposal. All South offers a plethora of knowledge and experience related to Roadway Design including many years of experience in the design and construction management of Jefferson Parish Street Projects. Specifically, we have performed similar services for more than 30 roadway infrastructure design projects in the last 5 years. All South's experience and knowledge in Roadway Design, as well as our understanding of the unique topography of the local area allows us to deliver a finished product that is long lasting and gives superior rideability to the public. These projects were successfully completed in a timely manner and within budget. Additional experience can be found in the above resumes and project descriptions.

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

TEC Professional Services Questionnaire

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

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

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

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

» SIZE OF FIRM «

The All South staff includes 74 professionals driven to excellence and focused on our clients' needs. We are made up of 13 Louisiana Licensed Professional Engineers, 8 Engineering Interns, and 2 Professional Land Surveyors. Our staff also includes program managers, CADD technicians/draftsmen, grant specialist, field monitors and administrative support staff, all of which provide years of experience to help ensure that our work is exceptional.

TEC Professional Services Questionnaire

» CAPACITY FOR TIMELY COMPLETION «

With 74 employees and ample resources, All South has more than enough capacity to meet any deadlines that the Parish requests. Our team is committed to and capable of meeting all schedules and deadlines that the Parish requests to ensure timely completion of all projects.

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

» PAST PERFORMANCE «

Over the past 20 years, All South has developed an outstanding reputation as one of the Gulf South's leading Engineering and Surveying firms. Aside from our technical experience, All South stands out amongst competitors because of our unrivaled devotion to our clients and ability to meet their needs. Our past performance within Jefferson Parish has given us a keen and nuanced understanding of the inner working of the various Parish departments, as well as the likings and needs of the Parish as a whole.

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

» LOCATION OF THE PRINCIPAL OFFICE «

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

» ADVERSARIAL LEGAL PROCEEDINGS «

Please refer to section M of this TEC Questionnaire.

» PRIOR SUCCESSFUL COMPLETION «

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

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

Signature: 

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

Title: Managing Partner

Date: January 25, 2024